Office of Management and Budget Circular A-133 Reports For The Year Ended June 30, 2012

# CHILDREN'S HOSPITAL MEDICAL CENTER AND AFFILIATES

## TABLE OF CONTENTS

|  | Page  |
|--|-------|
| INDEPENDENT AUDITORS' REPORT   | 1     |
| CONSOLIDATED FINANCIAL STATEMENTS FOR THE YEARS ENDED JUNE 30, 2012 AND 2011:  |       |
| Consolidated Balance Sheets  | 2     |
| Consolidated Statements of Operations and Changes in Net Assets  | 3-4   |
| Consolidated Statements of Cash Flows  | 5     |
| Notes to Consolidated Financial Statements   | 6-32  |
| SUPPLEMENTARY SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS FOR THE YEAR ENDED JUNE 30, 2012  | 33-43 |
| NOTES TO SUPPLEMENTARY SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS FOR THE YEAR ENDED JUNE 30, 2012   | 44    |
| REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS     | 45    |
| REPORT ON COMPLIANCE WITH REQUIREMENTS THAT COULD HAVE<br>A DIRECT AND MATERIAL EFFECT ON EACH MAJOR PROGRAM AND<br>ON INTERNAL CONTROL OVER COMPLIANCE IN ACCORDANCE WITH<br>OMB CIRCULAR A-133 | 46-47 |
| SCHEDULE OF FINDINGS AND QUESTIONED COSTS<br>FOR THE YEARS ENDED JUNE 30, 2012 AND 2011  | 48-49 |



Deloitte & Touche LLP 250 E. 5th Street Suite 1900 Cincinnati, OH 45202-5109

Tel: +1 513 784 7100 Fax: +1 513 784 7204 www.deloitte.com

#### INDEPENDENT AUDITORS' REPORT

To the Board of Trustees Children's Hospital Medical Center and Affiliates: Cincinnati, Ohio

We have audited the accompanying consolidated balance sheets of Children's Hospital Medical Center and Affiliates ("Cincinnati Children's") as of June 30, 2012 and 2011, and the related consolidated statements of operations and changes in net assets and of cash flows for the years then ended. The consolidated financial statements include the accounts of Children's Hospital Medical Center and the affiliated entities as discussed in Note 1(a). These entities are under common ownership and management. These financial statements are the responsibility of Cincinnati Children's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for designing procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Cincinnati Children's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, such financial statements present fairly, in all material respects, the financial position of Cincinnati Children's as of June 30, 2012 and 2011, and the consolidated results of their operations and their consolidated cash flows for the years then ended in conformity with accounting principles generally accepted in the United States of America.

Our audits were performed for the purpose of forming an opinion on the basic consolidated financial statements taken as a whole. The accompanying schedule of expenditures of federal awards is presented for the purpose of additional analysis as required by U.S. Offices of Management and Budget Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations,* and is not a required part of the basic consolidated financial statements. This schedule is the responsibility of the management of Cincinnati Children's. Such information has been subjected to the auditing procedures applied in our audit of the basic 2012 consolidated financial statements and, in our opinion, is fairly stated in all material respects when considered in relation to the basic 2012 consolidated financial statements taken as a whole.

In accordance with *Government Auditing Standards*, we have also issued our report dated October 26, 2012 on our consideration of Cincinnati Children's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our 2012 audit.

Deloite & Tarche LLP

October 26, 2012, Except for Note 13, as to which the date is February 1, 2013

# Consolidated Balance Sheets June 30, 2012 and 2011 (dollars in thousands)

|   | 2012              | 2011              |
|---|-------------------|-------------------|
|   |                   |                   |
| CURRENT ASSETS:   | <b>.</b>          |                   |
| Cash and cash equivalents  Marketable securities                                | \$ 169,667        | \$ 97,451         |
|   | 258,903           | 227,642           |
| Cash, cash equivalents and marketable securities                                | 428,570           | 325,093           |
| Patient receivables, net of allowances of \$59,795 in 2012 and \$39,687 in 2011 | 214,355           | 204,081           |
| Other receivables, net  | 99,330            | 98,711            |
| Inventories and prepaid expenses  | 27,269            | 23,811            |
| Total current assets  | 769,524           | 651,696           |
| ASSETS LIMITED AS TO USE - Funds in trust                                       | 3,678             | 4,620             |
| PROPERTY AND EQUIPMENT, at cost,  |                   |                   |
| net of accumulated depreciation   | 840,978           | 851,701           |
| DEFERRED BOND ISSUANCE COSTS AND OTHER  | 81,324            | 74,261            |
| INTEREST IN NET ASSETS OF SUPPORTING ORGANIZATIONS (Note 1(b))                  | 937,327           | 886,162           |
| Total assets  | \$2,632,831       | \$2,468,440       |
| CURRENT LIABILITIES:  |                   |                   |
| Accounts payable and accrued expenses   | \$ 227,089        | \$ 188,643        |
| Current portion of long-term debt and capital lease obligations                 | 20,365            | 19,432            |
| Total current liabilities   | 247,454           | 208,075           |
| ACCRUED PENSION BENEFIT LIABILITY (Note 9)                                      | 399,690           | 201,760           |
| SELF-INSURANCE RESERVES   | 31,521            | 30,545            |
| LONG-TERM DEBT:   | 422.052           | 450.064           |
| Bonds payable Note payable  | 432,953<br>28,905 | 450,964<br>27,155 |
| Capital lease obligations   | 5,365             | 3,352             |
| OTHER LONG-TERM LIABILITIES   | 10,608            | 12,734            |
| Total liabilities   | 1,156,496         | 934,585           |
| COMMITMENTS AND CONTINGENCIES (Notes 6 and 10)                                  | -                 | -                 |
| NET ASSETS:   |                   |                   |
| Unrestricted  | 397,514           | 526,991           |
| Temporarily restricted  | 156,702           | 135,943           |
| Permanently restricted (Note 1(b))  | 922,119           | 870,921           |
| Total net assets  | 1,476,335         | 1,533,855         |
| Total liabilities and net assets  | \$2,632,831       | \$2,468,440       |
| See accompanying notes to financial statements.                                 |                   |                   |

Consolidated Statements of Operations and Changes in Net Assets For the Years Ended June 30, 2012 and 2011 (dollars in thousands)

|   | 2012        | 2011        |
|---|-------------|-------------|
| UNRESTRICTED REVENUES, GAINS AND OTHER SUPPORT:                     |             |             |
| Net hospital patient service revenue                                | \$1,286,492 | \$1,144,142 |
| Professional services revenue                                       | 252,401     | 229,749     |
| Net assets released from restriction used for operations-           |             |             |
| Grant revenue   | 149,858     | 153,914     |
| Other restricted net assets used to support operations              | 68,566      | 78,546      |
| Investment income   | 17,823      | 13,814      |
| Other revenue   | 76,598      | 73,243      |
| Total unrestricted revenues, gains and other support                | 1,851,738   | 1,693,408   |
| EXPENSES:   |             |             |
| Salaries  | 837,201     | 797,449     |
| Employee benefits   | 235,321     | 236,374     |
| Supplies, drugs and other   | 320,839     | 287,185     |
| Purchased services  | 176,279     | 174,349     |
| Depreciation  | 119,574     | 110,716     |
| Utilities   | 16,720      | 17,858      |
| Interest  | 15,926      | 16,104      |
| Loss on early extinguishment of bonds payable (Note 8)              | 1,130       |             |
| Total expenses  | 1,722,990   | 1,640,035   |
| Excess of revenues over expenses                                    | 128,748     | 53,373      |
| OTHER CHANGES IN UNRESTRICTED NET ASSETS:                           |             |             |
| Receipts from supporting organizations (Notes 1(b) and 1(c))        | 6,032       | 5,595       |
| Net assets released from restrictions used for purchase of property | 2 - 12      |             |
| and equipment   | 3,543       | 5,559       |
| Increase in unrestricted net assets before transfers to             |             |             |
| supporting organizations and pension and post                       | 400.000     | -           |
| retirement health liability adjustment                              | 138,323     | 64,527      |
| Transfers to supporting organizations (Note 1(c))                   | (9,100)     | (15,575)    |
| Pension and post retirement health liability adjustment (Note 9)    | (258,700)   | 67,279      |
|   |             |             |
| (Decrease) Increase in unrestricted net assets                      | (129,477)   | 116,231     |

(Continued on next page)

# Consolidated Statements of Operations and Changes in Net Assets For the Years Ended June 30, 2012 and 2011 (dollars in thousands)

| Industry support Gifts, contributions and other income  92,757 87  242,540  Net assets released from restriction- Grant expenditures Grant expenditures Transfer to The Children's Hospital Transfer to The Children's Hospital Foundation, Cincinnati, Ohio Restricted net assets used to support operations Restricted net assets used for purchase of property and equipment (3,543) (5)  | 652  |
|--|------|
| Grant receipts Industry support Gifts, contributions and other income  Page 157  Gifts, contributions and other income  Page 2757  Page 242,540  Net assets released from restriction- Grant expenditures Grant expenditures Transfer to The Children's Hospital Transfer to The Children's Hospital Foundation, Cincinnati, Ohio Restricted net assets used to support operations Restricted net assets used for purchase of property and equipment  151  149,783 151 149,783 151 149,783 151 149,783 151 149,783 151 149,783 151 149,783 151 149,783 151 149,783 151 149,783 151 149,783 151 149,783 151 149,783 151 149,783 151 151 151 151 151 151 151 151 151 15  | 652  |
| Industry support Gifts, contributions and other income  92,757 87  242,540  Net assets released from restriction- Grant expenditures Grant expenditures Transfer to The Children's Hospital Transfer to The Children's Hospital Foundation, Cincinnati, Ohio Restricted net assets used to support operations Restricted net assets used for purchase of property and equipment (3,543) (5)  | 652  |
| Gifts, contributions and other income 92,757 87  242,540 241  Net assets released from restriction- Grant expenditures (149,858) (153 Transfer to The Children's Hospital (86) Transfer to The Children's Hospital Foundation, Cincinnati, Ohio Restricted net assets used to support operations (68,566) (78 Restricted net assets used for purchase of property and equipment (3,543) (5   |      |
| Net assets released from restriction- Grant expenditures Grant expenditures (149,858) Transfer to The Children's Hospital Transfer to The Children's Hospital Foundation, Cincinnati, Ohio Restricted net assets used to support operations Restricted net assets used for purchase of property and equipment (3,543)  (5242,540)  (149,858) (153) (153) (102) (102) (102) (103) (103) (104) (104) (105) (106) (107) (107) (108) (10 | 937  |
| Net assets released from restriction- Grant expenditures Transfer to The Children's Hospital Transfer to The Children's Hospital Foundation, Cincinnati, Ohio Restricted net assets used to support operations Restricted net assets used for purchase of property and equipment  (149,858) (153) (86) (102) (68,566) (78) (68,566) (78) (59)  | 860  |
| Grant expenditures (149,858) (153 Transfer to The Children's Hospital (86) Transfer to The Children's Hospital Foundation, Cincinnati, Ohio (102) Restricted net assets used to support operations (68,566) (78 Restricted net assets used for purchase of property and equipment (3,543) (5   | 449  |
| Grant expenditures (149,858) (153 Transfer to The Children's Hospital (86) Transfer to The Children's Hospital Foundation, Cincinnati, Ohio (102) Restricted net assets used to support operations (68,566) (78 Restricted net assets used for purchase of property and equipment (3,543) (5   |      |
| Transfer to The Children's Hospital  Transfer to The Children's Hospital Foundation, Cincinnati, Ohio  Restricted net assets used to support operations  Restricted net assets used for purchase of property and equipment  (86)  (102)  (68,566)  (78)  (59)  | 914) |
| Transfer to The Children's Hospital Foundation, Cincinnati, Ohio Restricted net assets used to support operations Restricted net assets used for purchase of property and equipment (3,543) (5)  | 795) |
| Restricted net assets used for purchase of property and equipment (3,543)  | -    |
|  | 546) |
| (222,155) (238   | 559) |
|  | 814) |
| Gain in interest in net assets of supporting organizations 374   | 246  |
| Increase in temporarily restricted net assets 20,759 4   | 881  |
| PERMANENTLY RESTRICTED NET ASSETS:   |      |
|  | 229  |
|  | 229  |
| (DECREASE) INCREASE IN NET ASSETS (57,520) 311   | 341  |
| NET ASSETS, beginning of year 1,533,855 1,222  | 514  |
| NET ASSETS, end of year \$1,476,335 \$1,533  | 055  |

See accompanying notes to financial statements

Consolidated Statements of Cash Flows For the Years Ended June 30, 2012 and 2011 (dollars in thousands)

|  | 2012        | 2011       |
|--|-------------|------------|
| CASH FLOWS FROM OPERATING ACTIVITIES:                                  |             |            |
| (Decrease) Increase in net assets                                      | \$ (57,520) | \$ 311,341 |
| Adjustments to reconcile (decrease) increase in net assets to net cash | Ψ (37,320)  | Ψ 311,311  |
| provided by operating activities-                                      |             |            |
| Depreciation and amortization  | 119,816     | 111,175    |
| Loss on disposal of property and equipment                             | 5,914       | 1,270      |
| Loss on early extinguishment of bonds payable                          | 1,130       | · -        |
| Contributions to supporting organizations, net                         | 3,068       | 9,980      |
| Contributions restricted for purchase of property and equipment        | (3,543)     | (5,559)    |
| Gain in interest in net assets of supporting organizations             | (51,572)    | (192,475)  |
| Receipts from The Children's Hospital Foundation                       | 406         | 415        |
| Unrealized and realized gains on marketable securities, net            | (4,231)     | (2,969)    |
| Increase in allowance for doubtful accounts                            | 20,108      | 2,698      |
| Increase in receivables  | (31,001)    | (376)      |
| Increase in inventories and prepaid expenses and other assets          | (11,245)    | (11,269)   |
| Increase (Decrease) in accounts payable and accrued expenses           | 33,543      | (2,251)    |
| Increase (Decrease) in accrued pension liability                       | 197,930     | (74,082)   |
| (Decrease) Increase in self-insurance reserves and other long-term     | (1.150)     | 0.075      |
| liabilities  | (1,150)     | 8,275      |
| Net cash provided by operating activities                              | 221,653     | 156,173    |
| CASH FLOWS FROM INVESTING ACTIVITIES:                                  |             |            |
| Expenditures for property and equipment                                | (104,797)   | (84,811)   |
| Receipts from sale of fixed assets                                     | 59          | 711        |
| Purchases of marketable securities                                     | (820,434)   | (680,350)  |
| Sales and maturities of marketable securities                          | 793,349     | 642,824    |
| Cash withdrawn from funds in trust                                     | 89,420      | 60,079     |
| Cash invested in funds in trust  | (88,478)    | (59,130)   |
| Net cash used in investing activities                                  | (130,881)   | (120,677)  |
| CASH FLOWS FROM FINANCING ACTIVITIES:                                  |             |            |
| Issuance of bonds and notes payable                                    | 62,135      | 30,000     |
| Repayment of bonds and notes payable                                   | (81,166)    | (49,437)   |
| Contributions restricted for purchase of property and equipment        | 3,543       | 5,559      |
| Contributions to supporting organizations, net                         | (3,068)     | (9,980)    |
| Net cash used in financing activities                                  |             |            |
|  | (18,556)    | (23,858)   |
| Net increase in cash and cash equivalents                              | 72,216      | 11,638     |
| CASH AND CASH EQUIVALENTS, beginning of year                           | 97,451      | 85,813     |
| CASH AND CASH EQUIVALENTS, end of year                                 | \$169,667   | \$ 97,451  |
| SUPPLEMENTAL DISCLOSURE OF NON-CASH INVESTING ACTIVITIES:              |             |            |
|  |             |            |

See accompanying notes to financial statements.

Consolidated Financial Statements
For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

## (1) Accounting Policies-

(a) <u>Basis of Combination</u>--Children's Hospital Medical Center (Cincinnati Children's), Convalescent Hospital for Children (CHC), River City Insurance Limited (River City), Children's Health Administrative Services LLC (CHAS), Children's Health Services Network (CHSN), Children's Medical Services, Inc. (CMSI), Northern Kentucky Children's Medical Services, LLC (NKCMS), Burnet Ave LLC (Burnet) and TSHCH LLC (TSHCH), which are under common management, are included in the accompanying consolidated financial statements and are collectively referred to as the Medical Center. Intercompany transactions and balances have been eliminated.

Cincinnati Children's is an Ohio not-for-profit corporation providing pediatric healthcare services, teaching and related research. CHC was an Ohio not-for-profit corporation providing programmatic oversight, governance and fiscal management to chronic illness, mental health and traumatic and congenital brain injury programs at Cincinnati Children's. On July 28, 2011, CHC merged with and into Cincinnati Children's. Cincinnati Children's assumed all assets and liabilities of CHC and CHC ceased to exist as a separate entity. River City is a captive insurance company and a wholly-owned subsidiary of Cincinnati Children's. CHAS was a wholly-owned subsidiary of Cincinnati Children's whose purpose was to provide management services to members of the medical and dental staff. Effective March 31, 2011 CHAS was dissolved. CHSN is a wholly-owned subsidiary of Cincinnati Children's whose purpose is to manage primary care practices in a community setting. CMSI was a professional corporation whose purpose was to engage in the practice of medicine and render professional services and co-employed certain Cincinnati Children's physicians. Effective January 1, 2011, CMSI ceased operations. NKCMS is a limited liability corporation formed to enhance the scope and quality of pediatric care in Northern Kentucky. Burnet is a wholly-owned subsidiary of Cincinnati Children's, whose purpose is to hold land. TSHCH is a wholly-owned subsidiary of Cincinnati Children's whose purpose is to acquire, hold, develop, subdivide, sell, lease, mortgage, manage and otherwise deal in real property.

(b) Supporting Organizations--The Children's Hospital (TCH), The Children's Hospital Foundation (CHF), Convalescent Hospital for Children and Orphan Asylum (CHCOA), Adolescent Health Center of Greater Cincinnati, Inc. (CAC), and Children's Dental Care Foundation (CDCF), all Ohio not-for-profit corporations which are not included in the accompanying consolidated financial statements, provide financial support to the Medical Center. Certain endowment funds of these supporting organizations are restricted by the donors for specific operating purposes of the Medical Center. Receipts from such restricted endowment funds and certain other receipts that are designated by the Boards of Trustees of the supporting organizations for specific operating purposes are reflected as a component of restricted gifts and contributions in the accompanying Consolidated Statements of Operations and Changes in Net Assets. Upon utilization in operations, such funds are reflected in the Consolidated Statements of Operations and Changes in Net Assets as other-restricted net assets used to support operations.

Other funds are contributed to the Medical Center as designated by the Boards of the supporting organizations to provide general support and are reflected as receipts from supporting organizations in the accompanying Consolidated Statements of Operations and Changes in Net Assets.

# Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

The Medical Center records in its consolidated financial statements the fair value of certain permanently and temporarily restricted net assets held by supporting organizations on the Medical Center's behalf. Changes in the fair value of such temporarily and permanently restricted net assets are recorded as gain in interest in net assets of supporting organizations in the accompanying Consolidated Statements of Operations and Changes in Net Assets.

### (c) Support Received from Supporting Organizations--

In general, the supporting organizations provide annual support to the Medical Center that includes the dividend and interest earnings of the respective investment portfolios (net of operational expenses and any donor required reinvestment of income). On occasion, the respective Boards of Trustees of these supporting organizations may also designate certain pledges of unrestricted principal in support of key projects at the Medical Center. As of June 30, 2012, TCH and CHCOA have outstanding revocable pledges of \$30,324 and \$4,000, respectively. All outstanding pledges of principal support are revocable at the discretion of TCH's and CHCOA's Board of Trustees. As a result, such revocable pledges are not recorded as receivables in the accompanying consolidated financial statements.

During fiscal 2012 and 2011, TCH transferred \$66,892 and \$68,329, respectively, of temporarily restricted net assets to the Medical Center which are recorded as Gifts, contributions and other income in the Consolidated Statements of Operations and Changes in Net Assets.

During fiscal 2012 and 2011, TCH transferred \$6,032 and \$5,595, respectively, of unrestricted net assets to the Medical Center, which are recorded as Receipts from Supporting Organizations in the Consolidated Statements of Operations and Changes in Net Assets.

During fiscal 2012 and 2011, the Medical Center transferred \$86 and \$795, respectively, of temporarily restricted net assets to TCH to fund named chairs designated to support divisional activities. During fiscal 2012 and fiscal 2011, respectively, the Medical Center transferred \$5,100 and \$9,325 of unrestricted net assets to TCH to fund named chairs to support divisional activities.

At June 30, 2012, the Medical Center has a receivable from TCH for \$14,826 related to fiscal 2012 unfunded irrevocable commitments. This amount was received in fiscal 2013.

At June 30, 2011 the Medical Center has a receivable from TCH for \$8,526 related to fiscal 2011 unfunded irrevocable commitments. This amount was received in fiscal 2012. Additionally, the Medical Center has a payable to TCH at June 30, 2011 of \$439 for contributions received at the Medical Center prior to June 30, 2011 for which the cash needed to be transferred to TCH. The amount was paid to TCH in fiscal 2012.

During fiscal 2012 and 2011, CHCOA transferred \$2,831 and \$2,721 respectively, of unrestricted net assets to the Medical Center which are recorded as Gifts, contributions and other income in the Consolidated Statements of Operations and Changes in Net Assets.

At June 30, 2012, the Medical Center has a receivable from CHCOA for \$225 related to fiscal 2012 unfunded commitments. This amount will be received in fiscal 2013.

At June 30, 2011, the Medical Center has a receivable from CHCOA for \$268 related to fiscal 2011 unfunded commitments. This amount will be received in fiscal 2012.

# Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

During fiscal 2012 and 2011, CHF transferred \$938 and \$550, respectively, of unrestricted restricted net assets to the Medical Center, which are recorded as Gifts, contributions and other income in the Consolidated Statements of Operations and Changes in Net Assets. During fiscal 2012 and 2011, CHF transferred \$465 and \$442 of temporarily restricted net assets to the Medical Center, which are recorded as Gifts, Contributions and Other income in the Consolidated Statements of Operations and Changes in Net Assets.

During fiscal 2012 and fiscal 2011, respectively, the Medical Center transferred \$4,000 and \$6,250 of unrestricted net assets to CHF and the income earned on the funds will be transferred back to the Divisions to support divisional activities.

During fiscal 2012, the Medical Center transferred \$102 of temporarily restricted net assets to CHF and the income earned on the funds will be transferred back to the Divisions to support divisional activities.

The Medical Center has a note receivable from CHF for \$10,264 at June 30, 2012 and 2011, which is recorded in other receivables in the accompanying Consolidated Balance Sheets.

(d) Concentration of Patient Accounts Receivable and Revenue and Revenue Recognition—In both fiscal 2012 and 2011, respectively, substantially all of total net patient service revenue is derived from third-party payment programs (Medicaid, insurance companies and various managed care agreements).

The following details the percentage of net patient service revenue by payor category for the fiscal years ended June 30, 2012 and 2011:

|                                  | 2012  |     | 2011  |     |
|----------------------------------|-------|-----|-------|-----|
|                                  | Gross | Net | Gross | Net |
| Commercial insurers              | 1%    | 1%  | 1%    | 1%  |
| Managed care                     | 50%   | 70% | 49%   | 68% |
| Government (HMO and third party) | 43%   | 23% | 44%   | 25% |
| Specialty contracts              | 5%    | 6%  | 5%    | 6%  |
| Self pay                         | 1%    | - % | 1%    | - % |

The following details the percentage of accounts receivable by payor category as of June 30, 2012 and 2011:

|                                  | 2012 | 2011 |
|----------------------------------|------|------|
| Commercial insurers              | 1%   | 1%   |
| Managed care                     | 53%  | 56%  |
| Government (HMO and third party) | 30%  | 29%  |
| Specialty contracts              | 14%  | 11%  |
| Self pay                         | 2%   | 3%   |

Specialty contracts are single case agreements or contracts for specialty services, such as transplants.

Net patient service revenue is reported at estimated net realizable amounts from patients, third party payors and others for services rendered and includes estimated retroactive revenue adjustments due to future audits and reviews. Retroactive adjustments are considered in the recognition of revenue on an estimated basis in the period the related services are rendered, and such amounts are adjusted in future periods as adjustments become known or as years are no longer subject to such audits and reviews.

Consolidated Financial Statements
For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

Revenue from government (Medicaid and Medicare) programs accounted for approximately 23% and 25% of the Medical Center's net patient service revenue for the fiscal year ended June 30, 2012 and 2011, respectively. Laws and regulations governing the Medicaid programs are extremely complex and subject to interpretation. As a result, there is at least a reasonable possibility that recorded estimates will change a material amount in the near term. At June 30, 2012, the Medical Center has settled all Medicaid cost reports through 2007.

The following table reconciles gross patient service revenue to net patient service revenue for the years ended June 30, 2012 and 2011:

|  | 2012        | 2011        |
|--|-------------|-------------|
| Charges at established rates                 | \$2,147,887 | \$1,918,124 |
| Deductions:                                  |             |             |
| Discounts on commercial contractuals         | (184,214)   | (168,070)   |
| Write-downs related to services to the poor: |             |             |
| Including Medicaid and governmental          |             |             |
| contractuals, charity care and other         | (695,307)   | (623,977)   |
| uncollectible self pay write-offs            |             |             |
|  | 1,268,366   | 1,126,077   |
| Tax Levy Program                             | 5,600       | 6,000       |
| Care Assurance Program                       | 12,526      | 12,065      |
|  | \$1,286,492 | \$1,144,142 |
|  |             |             |

Physician professional fees, which have been assigned to the Medical Center and are required to be used in the respective physicians' department at the Medical Center, are recognized as revenue as billed. See footnote 10(c).

- (e) Grant Revenue and Other Revenue -- Grants and contributions restricted for a specific operating purpose are recorded as temporarily restricted net assets and reflected in unrestricted revenues, gains, and other support when the funds are expended in accordance with the specifications of the grantor or donor. Contributions for capital expenditures, recorded as temporarily restricted net assets when received, are recorded as net assets released from restrictions when expended. Unrestricted contributions and bequests are included in other revenue when received.
- (f) <u>Graduate Medical Education</u> –Cincinnati Children's receives Federal graduate medical education funding, which has resulted in other revenue of \$8,904 and \$9,578 recognized in the accompanying consolidated financial statements for the years ended June 30, 2012 and 2011, respectively.
- (g) Meaningful Use Funding --Cincinnati Children's is eligible for incentive payments for the hospital and physicians that implement and meaningfully use electronic health record (EHR) technology under The American Recovery and Reinvestment Act of 2009 (ARRA). In fiscal 2012, Cincinnati Children's applied for and received \$7,576 in funding under ARRA related to the hospital and eligible physician use of an EHR.
- (h) <u>Tax Exempt Status</u>--Cincinnati Children's, CHC, CHSN and CMSI are recognized by the Internal Revenue Service as exempt from federal income taxes under Section 501(a) of the Internal Revenue Code as charitable organizations qualifying under Section 501(c)(3). River City is a captive insurance company and has no income tax obligations. CHAS, NKMS, Burnet and TSHCH are

Consolidated Financial Statements
For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

limited liability corporations whose income is taxable to Cincinnati Children's. The income tax provisions recorded in the accompanying consolidated financial statements are immaterial for the years ended June 30, 2012 and 2011.

The Medical Center accounts for income taxes in accordance with Accounting Standards Codification Topic (ASC) 740 "Income Taxes". It is the Medical Center's policy to classify the expense related to interest and penalties, if any, to be paid on underpayments of income taxes within other expenses. There were no penalties or interest accrued in fiscal 2012 and 2011.

Listed below are the tax years that remain subject to examination by major tax jurisdiction:

Federal – 2009 to 2012 State – 2009 to 2012

- (i) <u>Cash Equivalents</u>--Cash equivalents consist primarily of money market investments (including money market mutual funds) and demand deposits. Cash is held primarily in one bank.
- (j) <u>Inventories</u>--Inventories consist of medical supplies and pharmaceuticals and are valued on an average cost method.
- (k) <u>Marketable Securities</u>—The Medical Center accounts for its investments under ASC 980 "Accounting for Certain Investments Held by Not-for-Profit Organizations". The Medical Center carries its marketable securities at fair value with unrealized gains and losses included in the Consolidated Statements of Operations and Changes in Net Assets. Fair value is determined by the trustee holding the assets based on published market prices.

The cost basis, approximate fair value and categorization by asset type at June 30, 2012 are as follows:

|                           | Cost Basis | Gross<br>Unrealized<br><u>Gains</u>   | Gross Unrealized (Losses) | Fair Value   |
|---------------------------|------------|---------------------------------------|---------------------------|--------------|
| U.S. government and       |            | · · · · · · · · · · · · · · · · · · · | <del></del>               | <del> </del> |
| treasury obligations      | \$116,793  | \$ 979                                | \$ (270)                  | \$117,502    |
| Municipal bonds and other | 773        | 80                                    | -                         | 853          |
| Corporate obligations     | 138,089    | 4,844                                 | (2,385)                   | 140,548      |
|                           | \$255,655  | \$5,903                               | \$(2,655)                 | \$258,903    |

The cost basis, approximate fair value and breakdown by asset type at June 30, 2011 are as follows:

|                            | Cost Basis | Gross<br>Unrealized<br><u>Gains</u> | Gross<br>Unrealized<br>(Losses) | Fair Value   |
|----------------------------|------------|-------------------------------------|---------------------------------|--------------|
| U.S. government and        |            | ·                                   | <del></del>                     | <del> </del> |
| treasury obligations       | \$115,800  | \$1,072                             | \$ (345)                        | \$116,527    |
| Municipal bonds and other  | 573        | 65                                  | -                               | 638          |
| Variable rate demand notes | 9,825      | _                                   | -                               | 9,825        |
| Corporate obligations      | 101,038    | 2,612                               | (2,998)                         | 100,652      |
|                            | \$227,236  | \$3,749                             | \$(3,343)                       | \$227,642    |

# Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

The following is the maturities for marketable securities at June 30, 2012:

|                   | Cost Basis | Fair Value |
|-------------------|------------|------------|
| One year or less  | \$ 18,495  | \$ 18,414  |
| One to five years | 113,249    | 114,504    |
| After five years  | 123,911    | 125,985    |
|                   | \$255,655  | \$258,903  |

At June 30, 2012, the Medical Center's marketable securities included 24% in U.S. Treasury securities and 10% in FNMA securities. At June 30, 2011, the Medical Center's marketable securities included 26% in U.S. Treasury securities and 17% in FNMA securities.

- (l) <u>Assets Limited As To Use</u>--Assets limited as to use include funds in trust (Note 4). Assets limited as to use are carried at fair value with unrealized gains and losses included in investment income in the accompanying Consolidated Statements of Operations and Changes in Net Assets. Fair value is determined by the trustee holding the assets based on published market prices. All assets limited as to use were held in cash and cash equivalents at June 30, 2012 and 2011.
- (m) <u>Investment Income</u>--The following details the components of investment income on marketable securities and funds in trust for the years ended June 30, 2012 and 2011:

|                                    | 2012     | 2011     |
|------------------------------------|----------|----------|
| Interest income                    | \$15,684 | \$11,266 |
| Unrealized and realized gains, net | 2,139    | 2,548    |
| Investment income                  | \$17,823 | \$13,814 |

Unrealized gains and losses related to temporarily restricted funds are recorded as an addition/reduction, as appropriate, to temporarily restricted net assets.

(n) <u>Fair Value Measurements</u>—The Medical Center accounts for its assets and liabilities under ASC 820 "Fair Value Measurements".

As defined in ASC 820, fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. In order to increase consistency and comparability in fair value measurements and related disclosures, ASC 820 establishes a fair value hierarchy that prioritizes inputs to valuation techniques used to measure fair value into three broad levels, which are described below:

Level 1: Quoted Prices (unadjusted) in active markets for identical assets or liabilities that are accessible at the measurement date for assets and liabilities that are accessible at the measurement date for assets and liabilities. The fair value hierarchy gives the highest priority to Level 1 inputs.

Level 2: Inputs other than quoted prices included within Level 1 that are observable for the assets or liabilities, either directly or indirectly. These include quoted prices for identical or similar assets or liabilities in markets that are not active, that is, markets in which there are a few transactions for the asset or liability, the prices are not current, or price quotations vary substantially either over time or among market makers, or in which little information is released publicly and inputs that are derived principally from or corroborated by observable market data by correlation or other means.

Consolidated Financial Statements
For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

Level 3: Unobservable inputs, developed using the Medical Center's estimates and assumptions, which reflect those that the market participants would use. Such inputs are used when little or no market data is available. The fair value hierarchy gives the lowest priority to Level 3 inputs.

Determining where an asset or liability falls within the hierarchy depends on the lowest level input that is significant to the fair value measurement as a whole. In determining fair value, the Medical Center utilizes valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs to the extent possible and considers counterparty credit risk in the assessment of fair value.

The table below includes the major categorization for debt and equity securities on the basis of the nature and risk of the investments at June 30, 2012.

|   | Level | 1          | Level 2   | Level | 3 |
|---|-------|------------|-----------|-------|---|
| Marketable Securities:                  |       |            |           |       |   |
| U.S. Government and Treasury Securities | \$    | -          | \$117,502 | \$    | - |
| Municipal Bonds                         |       | -          | 853       |       | - |
| Corporate Obligations                   |       | <u> </u>   | 140,548   |       |   |
|   |       | <u>-</u> _ | 258,903   |       |   |

# Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

|   | Level 1  | Level 2   | Level 3  |
|---|----------|-----------|----------|
| Investments in Limited Partnerships (included in Other Assets):               |          |           |          |
| Private Equity  |          |           | 12,592   |
| High Yield Corporate<br>Obligations   | <u> </u> | 26,169    |          |
| Deferred Compensation<br>Plans (included in<br>Other Assets and<br>Accruals): |          |           |          |
| Common Stock  | 2,260    | -         | -        |
| Mutual Funds:   |          |           |          |
| Money Market  | 305      | -         | -        |
| Domestic Equity   | 2,334    | -         | -        |
| International Equity  | 724      | -         | -        |
| Bond  | 208      | -         | -        |
| Lifecycle   | 317      | -         | -        |
| Real Estate   | 151      | -         | -        |
| Variable Annuities:   |          |           |          |
| Bond  | -        | 2,032     | -        |
| Equity  | -        | 2,856     | -        |
| Money Market  | -        | 101       | -        |
| Real Estate Pooled  | -        | 486       | -        |
| Guaranteed Return<br>Insurance  | -        |           | 2,374    |
|   | 6,299    | 5,475     | 2,374    |
| Total   | \$6,299  | \$290,547 | \$14,966 |

Consolidated Financial Statements
For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

The table below includes the major categorization for debt and equity securities on the basis of the nature and risk of the investments at June 30, 2011.

|  | Level 1   | Level 2 | Level 3 |
|--|-----------|---------|---------|
| Marketable Securities:   |           |         |         |
| U.S. Government and treasury securities  | \$116,527 | \$ -    | \$ -    |
| Municipal bonds  | 638       | -       | -       |
| Variable rate demand notes   | -         | 9,825   | -       |
| Corporate obligations  | 100,652   |         |         |
|  | 217,817   | 9,825   |         |
| Investments in Limited<br>Partnerships (included<br>in Other Assets)             |           |         | 8,723   |
| Investment in Fort<br>Washington High<br>Yield LLC (included in<br>Other Assets) |           | 21,680  |         |
| Deferred Compensation<br>Plans (included in<br>Other Assets and<br>Accruals):    |           |         |         |
| Money Market Funds   | 1,904     | -       | -       |
| Common Stock   | 2,156     | -       | -       |
| Equity Mutual Funds  | 1,715     | -       | -       |
| International Equity<br>Mutual funds   | 793       | -       | -       |
| Bond Mutual Funds  | 99        | -       | -       |
| Fixed Income Mutual  | 545       | -       | -       |
| LifeCycle Mutual Funds   | 291       | -       | -       |
| Real Estate Mutual   | 110       | -       | -       |

Consolidated Financial Statements
For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

|  | Level 1   | Level 2  | Level 3  |
|--|-----------|----------|----------|
| Bond Variable Annuity                  | -         | 1,475    | -        |
| Equity Variable Annuity                | -         | 2,933    | -        |
| Money Market Variable                  | -         | 99       | -        |
| Real Estate Pooled<br>Separate Account | -         | 308      | -        |
| Guaranteed Insurance                   |           |          | 1,694    |
|  | 7,613     | 4,815    | 1,694    |
| Total                                  | \$225,430 | \$36,320 | \$10,417 |

The valuation methods described below may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although management believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in different fair value measurement at the reporting date.

## <u>Investments in equity securities:</u>

Investments in equity securities are typically valued at the closing price in the principal active market as of the last business day of the month. Principal active markets for equity prices include published exchanges such as NASDAQ, NYSE, NYMEX and Chicago Board of Trade, as well as pink sheets, which is an electronic quotation system that displays quotes for broker-dealers for many over-the-counter securities. Foreign equity prices are translated from their trading currency using the currency exchange rate in effect at the close of the principal active market. The Medical Center does not adjust prices to reflect for after-hours market activity.

#### Investments in debt securities:

Many debt investments are valued based on a calculation using interest rate curves and credit spreads applied to the terms of the debt instrument (maturity and coupon interest rate) and consider the counterparty credit rating. Most debt valuations are Level 2 measures. If the market for a particular fixed income security is relatively inactive or illiquid, the measurement is a Level 3 measurement.

Investments in mutual funds, investment partnerships, and insurance contracts are valued by net asset value, as published and determined by the fund manager.

In February 2007, the FASB issued ASC 825, "The Fair Value Option". ASC 825 permits entities to choose to measure many financial instruments and certain other items at fair value. Entities that elect the fair value option will report unrealized gains and losses in earnings at each subsequent reporting date. The Medical Center elected to measure its marketable securities under the provisions of ASC 825. However, in the future, the Medical Center may elect to measure certain additional financial instruments at fair value in accordance with this standard.

# Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

The following is a reconciliation of the rollforward of the fair value measurements using significant unobservable inputs for fiscal 2012:

| Balance at July 1, 2011  | \$ 10,417 |
|--|-----------|
| Purchases  | 3,688     |
| Unrealized gains   | 2,151     |
| Unrealized losses  | (814)     |
| Sales  | (476)     |
| Balance at June 30, 2012   | \$14,966  |
| _  |           |
| The amount of total gains or losses for the period included in changes in net assets |           |

period included in changes in net assets
attributable to the change in unrealized gains or
losses related to assets still held at June 30,
2012 \$1,337

The following is a reconciliation of the rollforward of the fair value measurements using significant unobservable inputs for fiscal 2011:

| Balance at July 1, 2010  | \$ 8,802 |
|--------------------------|----------|
| Purchases                | 1,683    |
| Unrealized gains         | 1,129    |
| Unrealized losses        | (1,197)  |
| Balance at June 30, 2011 | \$10,417 |

The amount of total gains or losses for the period included in changes in net assets attributable to the change in unrealized gains or losses related to assets still held at June 30, 2011

\$(68)

Cincinnati Children's policy is to recognize transfers in and out as of the actual date of the event or change in circumstances that caused the transfer. For the years ended June 30, 2012 and 2011, there were no significant transfers in or out of Levels 1, 2 or 3.

(o) <u>Property and Equipment</u>--Property and equipment are stated at cost. Depreciation is computed on a straight-line basis over the estimated useful lives of the assets, ranging from three to forty years, as follows:

| Land Improvements                   | 3-25 years |
|-------------------------------------|------------|
| Buildings and Building Improvements | 5-40 years |
| Equipment                           | 3-30 years |

Amortization of assets leased under capital leases is included in depreciation.

The Medical Center evaluates long-lived assets under the provisions of ASC 360 "Property Plant and Equipment". During fiscal 2012 and 2011, the Medical Center did not record any impairment losses.

# Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

(p) Costs of Borrowing--Interest incurred on borrowed funds, net of interest earned on restricted bond funds, during the period of construction of capital assets is capitalized as a component of the cost of acquiring those assets. There was no net capitalized interest in fiscal 2012. Net capitalized interest during fiscal fiscal 2011 was approximately \$1,000. Total cash paid for interest was approximately \$16,202 and \$17,127 and in fiscal 2012 and 2011, respectively.

Deferred bond issuance costs and original issue discounts are amortized using the effective interest method over the period the related obligation is outstanding.

(q) <u>Temporarily Restricted Net Assets</u>--Temporarily restricted net assets are those whose use by the Medical Center has been limited by donors to a specific purpose. Temporarily restricted net assets and net assets released from donor restrictions are primarily comprised of net assets restricted to support operations. Substantially all of these net assets are restricted by donors to support research, education and other advances in clinical care and prevention.

Temporarily restricted net assets related to assets held in endowments at supporting organizations on the Medical Center's behalf are either donor restricted to support research at the Medical Center's or deferred gift programs where the restriction is a time restriction tied to the life expectancy of the donor.

(r) Permanently Restricted Net Assets--Permanently restricted net assets are restricted by the donor to be maintained in perpetuity and are recorded in Interest in Net Assets of Supporting Organizations in the accompanying Consolidated Balance Sheets as they are held by supporting organizations. As of June 30, 2012 and 2011, permanently restricted net assets consisted of the following amounts with expendable investment income restricted by donors to be used for the following purposes:

|                     | 2012      | 2011      |
|---------------------|-----------|-----------|
| Research activities | \$770,204 | \$722,192 |
| Clinical activities | 151,915   | 148,729   |
|                     | \$922,119 | \$870,921 |

The assets underlying the Medical Center's permanently restricted net assets have been invested by supporting organizations in marketable securities, including a significant concentration in the common stock of a consumer products company.

- (s) Excess of Revenues Over Expenses--The Consolidated Statements of Operations and Changes in Net Assets include "excess of revenues over expenses." Changes in unrestricted net assets which are excluded from excess of revenues over expenses include receipts from supporting organizations, transfers to supporting organizations, pension and post retirement health liability adjustment, and contributions of long-lived assets (including assets acquired using contributions which by donor restrictions were to be used for the purpose of acquiring such assets).
- (t) <u>Use of Estimates</u>—The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Consolidated Financial Statements
For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

(u) New Accounting Pronouncements—Effective July 1, 2011, the Medical Center adopted ASU 2010-23, "Health Care Entities (Topic 954): Measuring Charity Care for Disclosure," which prescribes a specific measurement basis of charity care for disclosure. Due to the lack of comparability that previously existed due to the use of either revenue or cost as the basis for disclosure of charity care, ASU 2010-23 standardizes cost as the basis for charity care disclosures and specifies the elements of cost to be used in charity care disclosures. The Medical Center adopted the new guidance effective July 1, 2011, which did not have a material impact on the consolidated financial statements and related disclosures.

In August 2010, the FASB issued ASU 2010-24, "Health Care Entities (Topic 954): Presentation of Insurance Claims and Recoveries," which provides clarification to companies in the healthcare industry on the accounting for professional liability insurance. ASU 2010-24 states that insurance liabilities should not be presented net of insurance recoveries and that an insurance receivable should be recognized on the same basis as the liabilities, subject to the need for a valuation allowance for uncollectible accounts. ASU 2010-24 is effective for fiscal years beginning after December 15, 2010. The Medical Center adopted of the new guidance effective July 1, 2011, which did not have a material impact on the consolidated financial statements and related disclosures.

In May 2011, the FASB issued ASU 2011-4, "Amendments to Achieve Common Fair Value Measurement and Disclosure Requirements in U.S. GAAP and IFRSs," related to amendments to certain measurement principles and disclosures regarding fair value measurements. The amendments in this update improve the comparability of fair value measurements presented and disclosed in financial statements prepared in accordance with U.S. Generally Accepted Accounting Principles and International Financial Reporting Standards. For nonpublic entities, the amendments are effective for annual periods beginning after December 15, 2011. The Medical Center does not expect the adoption of the new guidance to have a material impact on the consolidated financial statements and related disclosures.

In July 2011, the FASB issued ASU 2011-7, "Health Care Entities (Topic 954): Presentation and Disclosure of Patient Service Revenue, Provision for Bad Debts, and the Allowance for Doubtful Accounts for Certain Health Care Entities." In accordance with ASU 2011-7, the Medical Center will be required to present its provision for doubtful accounts as a deduction from revenue, similar to contractual discounts. Accordingly, the Medical Center's revenue will be required to be reported net of both contractual discounts and its provision for doubtful accounts. Additionally, ASU 2011-7 will require the Medical Center to make certain additional disclosures designed to help users understand how contractual discounts and bad debts affect recorded revenue in both interim and annual financial statements. ASU 2011-7 is required to be applied retrospectively; for nonpublic entities, the amendments are effective for the first annual period ending after December 15, 2012, and interim and annual periods thereafter, with early adoption permitted. The adoption of ASU 2011-7 is not expected to impact the Medical Center's financial position, results of operations or cash flows, although it will impact the presentation of the Consolidated Statements of Operations and Changes in Net Assets and require additional disclosures.

In December 2011, the FASB issued ASU 2011-11, "Balance Sheet (Topic 210) - Disclosures about Offsetting Assets and Liabilities," which requires companies to disclose information about financial instruments that have been offset and related arrangements to enable users of their financial statements to understand the effect of those arrangements on their financial position. Companies will be required to provide both net (offset amounts) and gross information in the notes to the financial statements for

Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

relevant assets and liabilities that are offset. ASU 2011-11 is effective for fiscal years, and interim periods within those years, beginning on or after January 1, 2013. The Medical Center does not expect the adoption of ASU 2011-11 to have an impact on the consolidated financial statements and related disclosures.

## (2) <u>Losses on the Provision of Uncompensated Care</u>-

In accordance with its mission and purpose, the Medical Center maintains a policy of accepting all patients within its primary service area regardless of ability to pay. This primary service area has been defined to include the four counties in Ohio, three counties in Kentucky and one county in Indiana that geographically surround Cincinnati. Under certain circumstances, the Medical Center accepts patients from outside the primary service area regardless of their ability to pay. The Medical Center defines indigent patient care as services rendered to patients whose families' annual income or net worth falls below certain minimum standards. As such, losses absorbed by the Medical Center in rendering services to patients who are covered under governmental programs which are designed to aid low income families (primarily the Medicaid program) are considered indigent patient care.

The following information summarizes uncompensated care provided during the years ended June 30, 2012 and 2011:

| 2012  |              |             |              |
|---|--------------|-------------|--------------|
| CHARGES   | Hospital     | Physician   | Total        |
| Charges under Medicaid and other entitlement                          |              |             |              |
| programs  | \$ 946,061   | \$248,440   | \$1,194,501  |
| Charity care not eligible for Medicaid                                |              |             |              |
| assistance, at established charges                                    | 28,303       | 1,396       | 29,699       |
| Other uncollectible self pay, at established                          | 40.005       | c =0.1      | .=           |
| charges   | 40,935       | 6,581       | 47,516       |
| Total Medicaid, charity care and other uncollectible self pay charges | \$1,015,299  | \$256,417   | \$1,271,716  |
| COSTS/LOSSES  |              |             |              |
| Estimated costs to provide uncompensated care                         | \$ 496,190   | \$ 146,465  | \$ 642,655   |
| Reimbursement from Medicaid programs                                  | (307,132)    | (34,282)    | (341,414)    |
| Losses on the provision of uncompensated care                         | (189,058)    | (112,183)   | (301,241)    |
| Funds received from HCAP and tax levy                                 | 18,126       |             | 18,126       |
| Losses on provision of uncompensated care net of HCAP and tax levy    | \$ (170,932) | \$(112,183) | \$ (283,115) |

Consolidated Financial Statements
For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

| 2011   |             |             |              |
|--|-------------|-------------|--------------|
| CHARGES  | Hospital    | Physician   | <b>Total</b> |
| Charges under Medicaid and other entitlement                       |             |             |              |
| programs   | \$856,494   | \$227,182   | \$ 1,083,676 |
| Charity care not eligible for Medicaid                             |             |             |              |
| assistance, at established charges                                 | 29,958      | 1,046       | 31,004       |
| Other uncollectible self pay, at established                       |             |             |              |
| charges  | 49,532      | 6,625       | 56,157       |
| Total Medicaid, charity care and other                             |             |             |              |
| uncollectible self pay charges                                     | \$935,984   | \$234,853   | \$1,170,837  |
|  |             |             |              |
| COSTS/LOSSES   |             |             |              |
| Estimated costs to provide uncompensated care                      | \$474,986   | \$161,343   | \$636,329    |
| Reimbursement from Medicaid programs                               | (284,671)   | (33,429)    | (318,100)    |
| Losses on the provision of uncompensated care                      | (190,315)   | (127,914)   | (318,229)    |
| Funds received from HCAP and tax levy                              | 18,065      | -           | 18,065       |
| Losses on provision of uncompensated care net of HCAP and tax levy | \$(172,250) | \$(127,914) | \$(300,164)  |

The 2012 and 2011 cost amounts reflected in the tables above are calculated using cost to charge ratios calculated from prior year cost reports as the current year cost report is not yet available. Management does not believe that the difference in the cost report year would have a material impact on the amounts calculated.

### (3) Tax Levy Funds-

Under an agreement with Hamilton County, Ohio (the County), the Medical Center receives tax-supported funding from the County to reimburse the Medical Center for the provision of charity care to the County's indigent residents. During fiscal 2012 and 2011, the Medical Center recognized \$5,600 and \$6,000, respectively, of tax levy reimbursement in the accompanying Consolidated Statements of Operations and Changes in Net Assets.

The current tax levy agreement covers the period of the approved three year tax levy renewal, January 1, 2012 through December 31, 2014, which is subject to renewal by the voters of Hamilton County, Ohio. In each of the years 2012-2014, the County is scheduled to distribute \$5,200 to the Medical Center, subject to appropriation by the Board of County Commissioners. The amount distributed by the County from the Tax Levy proceeds to the Medical Center during each year of the Term hereof is subject to an annual appropriation at the discretion of the Board of County Commissioners. On an annual basis, the Medical Center shall render hospital inpatient and outpatient health and hospitalization services to medically indigent Hamilton County residents who are "Eligible Individuals" that have a total cost of at least the amount of the annual payments distributed to the Hospital under this Agreement for that year.

Consolidated Financial Statements
For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

### (4) Funds in Trust-

Cincinnati Children's has certain funds, which are invested and held in trust for various specified purposes. The amounts of such funds, at carrying value, and the specified purposes for which such funds may be used, are set forth below:

|   | June 30, |         |
|---|----------|---------|
|   | 2012     | 2011    |
| Self-insurance funds-                     |          |         |
| Professional liability                    | \$ 162   | \$ 162  |
| Employee health and workers' compensation | 481      | 436     |
| Bond principal and interest escrow funds  | 2,771    | 4,008   |
| Tomorrow Fund                             | 264      | 14      |
|   | \$3,678  | \$4,620 |

(a) <u>Self-Insurance Funds</u>--Cincinnati Children's has established an irrevocable trust fund for the payment of professional liability claim settlements. See Note 6 for further discussion of professional liability self-insurance.

Cincinnati Children's has also established a trust fund for the payment of claims related to certain self-insured employee health care programs.

### (5) Property and Equipment-

Property and equipment consists of the following:

|                                     | June 30,   |            |  |
|-------------------------------------|------------|------------|--|
|                                     | 2012       | 2011       |  |
| Land                                | \$ 39,010  | \$ 31,525  |  |
| Land improvements                   | 17,359     | 17,302     |  |
| Buildings and building improvements | 1,014,752  | 989,868    |  |
| Equipment                           | 555,098    | 538,178    |  |
| Construction in progress            | 26,319     | 6,032      |  |
|                                     | 1,652,538  | 1,582,905  |  |
| Accumulated depreciation            | (811,560)  | (731,204)  |  |
| Property and equipment, net         | \$ 840,978 | \$ 851,701 |  |

Consolidated Financial Statements
For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

#### (6) Professional Liability-

The Medical Center is self-insured for losses from professional and patient general liability.

The following details the amounts the Medical Center has purchased for excess coverage and the limits by period:

### For claims made subsequent to:

| June 1, 2008    | \$10,000 (\$25,000 in aggregate) |
|-----------------|----------------------------------|
| October 1, 2004 | \$10,000 (\$20,000 in aggregate) |
| October 1, 2002 | \$4,000 (\$14,000 in aggregate)  |
| October 1, 2001 | \$2,000                          |

October 1, 2001 \$3,000 October 1, 1991 \$2,000

Coverage under this insurance policy was limited to \$35,000 per occurrence and in the aggregate for each of the policy years ended September 30, 1997. This coverage was increased to \$50,000 for the policy years through September 30, 1998 and after. This coverage was increased to \$60,000 for the policy years ending May 31, 2008 and after. The Medical Center has also purchased excess liability coverage on a claims made basis in order to increase the annual aggregate coverage to an amount not to exceed \$75,000, when Consolidated with the occurrence basis policy discussed above. Effective October 1, 2000, the Medical Center purchased coverage from River City for claims against employed physicians, which is subject to the same limits discussed above.

The actuarial present value of expected professional and patient general liability self-insurance costs (including incurred, but not reported claims) of \$26,377 and \$21,675 for 2012 and 2011, respectively, has been accrued in the accompanying Consolidated Balance Sheets. Accrued professional and general liability losses have been discounted at a rate of approximately 4% at June 30, 2012 and 2011, respectively. The costs of professional and patient general liability self-insurance, including premiums paid for stop-loss coverage, legal fees, settlements, judgments, and other administrative costs are included in Supplies, Drugs and Other in the accompanying Consolidated Statements of Operations and Changes in Net Assets. On an ongoing basis, management reviews the status of potential claims and incidents, as well as legal proceedings, and, based upon consultation with a professional actuary, adjusts the accrued losses and self-insurance funding levels to reflect its best estimate of the present value of expected professional and patient general liability self-insurance costs. Professional and patient general liability expense amounted to \$14,198 and \$17,686 for fiscal 2012 and 2011, respectively.

The Medical Center is the subject of or a party to various litigation, including professional and patient general liability, which involves routine matters incident to the course of business. Management does not believe any current proceedings will have a material adverse effect on its consolidated financial position or results of operations.

### (7) Capital Lease Obligations-

The Medical Center leases certain equipment under capital leases. During fiscal 2012, Cincinnati Children's entered into certain lease agreements for equipment with an asset value of approximately \$5,065. During fiscal 2011, Cincinnati Children's entered into certain lease agreements for equipment with an asset value of approximately \$4,898. The aggregate future minimum lease payments total \$7,380, with \$1,798 due in fiscal 2013.

Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

### (8) Bonds Payable and Notes Payable-

Bonds payable and notes payable for the years ended June 30, 2012 and 2011 consist of the following:

|   | 2012      | 2011      |
|---|-----------|-----------|
| Bonds payable and notes payable:                              |           |           |
| Series 1993, 5.0% due through 2013, net of unamortized        |           |           |
| discount of \$9 in 2012 and \$29 in 2011                      | \$ 1,886  | \$ 3,671  |
| Series 1997, variable interest (0.18% at June 30, 2012), due  |           |           |
| through 2017  | 31,170    | 32,485    |
| Series 1998, 4.75% to 5.375% due through 2028, net of         |           |           |
| unamortized discount of \$2,218 in 2012 and \$2,984 in 2011   | 49,173    | 110,541   |
| Series 2000, variable interest (0.19% at June 30, 2012), due  |           |           |
| through 2028  | 48,595    | 49,080    |
| Series 2002, variable interest (0.18% at June 30, 2012), due  |           |           |
| Through 2028  | 21,645    | 22,625    |
| Series 2004, 4.00% to 5.50% due through 2034, net of          |           |           |
| unamortized discount of \$122 in 2012 and \$62 in 2011        | 83,328    | 85,448    |
| Series 2006K, 4.25% to 5.00%, due through 2032, net of        |           |           |
| unamortized premium of \$410 in 2012 and \$422 in 2011        | 63,485    | 63,497    |
| Series 2007M, variable interest (0.16% due at June 30, 2012), |           |           |
| due through 2037  | 30,615    | 30,615    |
| Series 2008, variable interest (0.28% due at June 30, 2012),  |           |           |
| due through 2036  | 19,045    | 19,047    |
| Series 2009, 4.20% due through 2019                           | 21,000    | 24,000    |
| Series 2010, 2.27% due through 2020                           | 24,000    | 27,000    |
| Series 2011, 2.207% due through 2019                          | 57,735    | -         |
| Note Payable on Vernon Manor Property, interest at 4.045%     | 28,905    | 28,200    |
| Total bonds payable and notes payable                         | 480,582   | 496,209   |
| Less- current portion   | (18,724)  | (18,090)  |
| Bonds payable and notes payable - long-term                   | \$461,858 | \$478,119 |

(a) <u>Bonds Payable</u>—The Medical Center has pledged their gross revenues, as defined, to secure the payment of Series 1993, 1997, 1998, 2000, 2002, 2004, 2006, 2007, 2008, 2009, 2010 and 2011 bonds. The Medical Center is bound by certain financial covenants included in the bond indentures, letters of credit (fully securing the 1997, 2000, 2002, 2007 and 2008 issuances) and related agreements. Among other restrictions is a requirement to maintain a minimum Debt Service Coverage Ratio, as defined. The Medical Center is in compliance with its debt covenants as of June 30, 2012 and 2011.

Payment of the principal of, and the interest on, the Series 1993, 1998, 2004 and 2006 bonds is insured by a policy of municipal bond insurance. The 1997, 2000, 2002, 2007 and 2008 bonds may be tendered to a remarketing agent by bondholders on business days for full payment of principal and accrued interest. The Medical Center has entered into standby letters of credit that commits major banks to make funds available to purchase the bonds that are not remarketed. The Medical Center is required to maintain these or similar agreements until the bonds have been paid or converted to fixed rate obligations.

The interest rates on the 1997, 2000, 2002, 2007 and 2008 variable rate bonds are reset weekly by a rate-setting agent.

# Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

## (b) Future Debt Maturities –

The following is a schedule of future debt maturities:

| 2013       | \$ 18,724 |
|------------|-----------|
| 2014       | 19,310    |
| 2015       | 19,890    |
| 2016       | 20,467    |
| 2017       | 21,090    |
| Thereafter | 383,038   |
|            | \$482,519 |

- (c) <u>Line of Credit</u> -- In August 2008, Cincinnati Children's secured a \$40,000 line of credit. In fiscal 2012, Cincinnati Children's reduced the line of credit to \$30,000. The line of credit expires in February 2013 and bears interest at the monthly LIBOR rate plus 100 basis points. There were no draws on the line of credit during fiscal 2012 or 2011.
- (d) Note Payable on Vernon Manor Property -- Cincinnati Children's entered into an agreement with a Developer to renovate and occupy the Vernon Manor property to be used primarily for administrative office space. The property is located near the main campus. Additionally, a parking garage was constructed on adjacent property in order to provide parking for the occupants of the building. As part of the agreement, Cincinnati Children's agreed to make fixed monthly payments over the seventeen year term of the agreement. The present value of such fixed payments at June 30, 2011 is \$30,100 using Cincinnati Children's estimated tax-exempt interest rate at the time of the agreement of 4.045%. The agreement also calls for variable payments monthly to cover operating expenses for the office building and the parking garage. Cincinnati Children's took occupancy of the facility on June 27, 2011. Additionally, the agreement has a provision that Cincinnati Children's can purchase the facility at the end of the seven years for the then fair market value.
- (e) <u>Loss on Early Extinguishment of Bonds Payable</u> In October 2011, Cincinnati Children's refinanced \$62,135 of the outstanding 1998G bonds with tax-exempt direct placement obligations. The obligations bear interest at a fixed rate of interest of 2.207%. The obligations mature in fiscal 2019. As part of the refunding, Cincinnati Children's recorded as \$1,130 loss on early extinguishment of debt.

### (9) Employee Benefit Plans-

The Medical Center maintains non-contributory retirement plans covering substantially all employees. Among these plans is a defined benefit plan where benefits are based on a formula which reflects years of service and salary levels. The Medical Center's funding policy for its defined benefit plan meets the funding standards established by the Employee Retirement Income Security Act of 1974 (ERISA).

# Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

The Medical Center's investment strategy with respect to pension assets is designed to achieve a moderate level of overall portfolio risk in keeping with our desired risk objective, which is established through careful consideration of plan liabilities, plan funded status and corporate financial condition. Effective April 1, 2012, the Investment Policy for the portfolio changed to transition to a long-term target allocation through calendar 2013 as follows:

| Long Duration Treasury Bonds            | 15.0% |
|---|-------|
| Long Duration Corporate Bonds           | 15.0% |
| Treasury Inflation Protected Securities | 4.0%  |
| High Yield Fixed Income                 | 4.0%  |
| Emerging Markets Fixed Income           | 4.0%  |
| Global Developed Markets Equity         | 36.0% |
| Emerging Markets Equity                 | 9.0%  |
| Private Equity                          | 5.0%  |
| Real Estate                             | 5.0%  |
| Commodities                             | 3.0%  |
|   |       |

In order to maintain the portfolio's actual asset allocation in line with the target allocations specified above, the assets will be re-allocated or rebalanced regularly. Because of the illiquid nature of private equity and real estate, it is not anticipated that these asset classes will be rebalanced on a regular basis. Prior to April 1, 2012 portfolio's target asset allocation was 60 percent equities, 35 percent fixed income and 5 percent Real Estate Investment Trusts with specified allowable ranges around these targets, plus or minus 10 percent based on the manager's discretion. Within the equity market, the investments are broadly diversified among various industry sectors in the domestic market. Within the debt segment, the investments are diversified between U.S. government bonds, Government Agency bonds and Corporate bonds. Investment risk is measured and monitored on an ongoing basis through regular reports from the investment managers.

The Medical Center's defined benefit plan investment allocation at the actuarial measurement date of June 30, 2012 and 2011 by asset category is as follows:

| <u>2012</u> | <u>2011</u>   |
|-------------|---|
|             |   |
| -           | 49.1%   |
|             |   |
| -           | 34%   |
|             |   |
| -           | 12.2%   |
|             |   |
| -           | 4.5%  |
| 4.7%        | 0.2%  |
| 18.2%       | _   |
| 5.1%        | -   |
| 6.8%        | -   |
| 8.4%        | -   |
| 2.5%        | -   |
| 0.2%        | -   |
|             |   |
| 22.1%       | -   |
|             |   |
| 32.0%       |   |
| 100.0%      | 100.0%  |
|             | -<br>4.7%<br>18.2%<br>5.1%<br>6.8%<br>8.4%<br>2.5%<br>0.2%<br>22.1% |

Consolidated Financial Statements
For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

At June 30, 2012, the fair value and its placement in the fair value hierarchy of the underlying assets of the Plan that are required to be measured at fair value are as follows (see Note 1(n) for further discussion on the fair value hierarchy and fair value principles):

|  | Level 1   | <u>Level 2</u> | Level 3 |
|--|-----------|----------------|---------|
| Cash and Cash Equivalents                | \$ 28,759 | \$ -           | \$ -    |
| Bond mutual funds                        | 111,569   | -              | -       |
| Corporate Bonds                          | -         | 41,451         | -       |
| Common Stock                             | 31,060    | -              | -       |
| Investment Partnerships                  | -         | 51,552         | -       |
| Commodity Mutual Fund                    | 15,253    | -              | -       |
| Private Commingled fund of bond          | -         | 135,615        | -       |
| Private Commingled fund of international | -         | 198,102        | -       |
| equity                                   |           |                |         |
| Government Bonds                         |           | 1,382          |         |
|  | \$186,641 | \$428,102      | \$ -    |

At June 30, 2011, the fair value and its placement in the fair value hierarchy of the underlying assets of the Plan that are required to be measured at fair value are as follows (see Note 1(n) for further discussion on the fair value hierarchy and fair value principles):

|  | <u>Level 1</u> | <u>Level 2</u> | <u>Level 3</u> |
|--|----------------|----------------|----------------|
| Money Market mutual funds                | \$ 688         | \$ -           | \$ -           |
| Bond mutual funds                        | 74,155         | -              | -              |
| Bond common collective trust funds       | -              | 88,091         | -              |
| Equity common collective trust funds     | -              | 234,274        | -              |
| International equity common collective   |                |                |                |
| trust fund                               | -              | 58,283         | -              |
| Real estate common collective trust fund | -              | 21,512         | -              |
|  | \$74,843       | \$402,160      | \$ -           |
| -  |                |                |                |

The fair values of Level 1 investments are based on quoted prices in active markets. Investment in partnerships – U.S. equities, commingled funds, and common collective trusts are valued using the net asset value reported by the managers of the funds and as supported by the unit prices of actual purchase and sale transactions.

The following table reflects the weighted average assumptions utilized to determine benefit obligations were:

|  | 2012  | 2011  |
|--|-------|-------|
| Discount rate used to determine actuarial present value of the |       |       |
| projected benefit obligation                                   | 4.17% | 5.76% |
| Assumed rate of increase in compensation levels                | 4.00% | 4.00% |

Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

The following table sets forth the funded status of the plan and amounts recognized in the accompanying Consolidated Balance Sheets as of June 30, 2012 and 2011, utilizing actuarial measurement dates as of June 30, 2012 and 2011.

|  | 2012         | 2011        |
|--|--------------|-------------|
| Change in projected benefit obligation:                      |              |             |
| Projected benefit obligation at beginning of year            | \$ 678,763   | \$607,864   |
| Service cost   | 37,451       | 32,068      |
| Interest cost  | 38,723       | 33,205      |
| Other actuarial losses                                       | 268,083      | 12,201      |
| Benefits paid  | (8,587)      | (6,575)     |
| Projected benefit obligation at end of year                  | 1,014,433    | 678,763     |
| Change in plan assets:                                       |              |             |
| Fair value of plan assets at beginning of year               | 477,003      | 332,022     |
| Actual return on plan assets                                 | 25,627       | 82,156      |
| Employer contributions                                       | 120,700      | 69,400      |
| Benefits paid  | (8,587)      | (6,575)     |
| Fair value of plan assets at end of year                     | 614,743      | 477,003     |
| Funded status  | (399,690)    | (201,760)   |
| Net accrued pension liability in Consolidated Balance Sheets | \$ (399,690) | \$(201,760) |

Amounts included in Unrestricted Net Assets but not yet recognized in pension cost consist of:

|                        | 2012      | 2011      |
|------------------------|-----------|-----------|
| Net actuarial loss     | \$536,159 | \$273,777 |
| Net prior service cost | 38        | 580       |
|                        | \$536,197 | \$274,357 |

The estimated actuarial loss and prior service cost that will be amortized from Unrestricted Net Assets into net pension cost in fiscal 2013 are \$32,775 and \$38, respectively.

The table below reflects the following weighted average assumptions utilized to determine benefit costs were:

|  | 2012  | 2011  |  |
|--|-------|-------|--|
| Discount rate used to determine actuarial present value of the |       |       |  |
| projected benefit obligation                                   | 5.76% | 5.51% |  |
| Assumed rate of increase in compensation levels                | 4.00% | 4.00% |  |
| Expected long-term rate of return on plan assets               | 8.00% | 8.00% |  |

The Medical Center's expected long-term rate of return on plan assets is based on the expected average returns based on the portfolio mix of plan assets and is reassessed on an annual basis.

# Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

Net periodic pension cost for 2012 and 2011 related to the defined benefit plan consisted of the following components:

|                                    | 2012     | 2011     |
|------------------------------------|----------|----------|
| Service cost                       | \$37,451 | \$32,068 |
| Interest cost                      | 38,723   | 33,205   |
| Return on plan assets              | (38,399) | (30,607) |
| Amortization of prior service cost | 543      | 543      |
| Recognized net actuarial loss      | 18,473   | 27,122   |
| Net periodic pension cost          | \$56,791 | \$62,331 |

Based on preliminary estimates, we expect fiscal 2013 contributions of approximately \$11,800 for the qualified defined benefit plan.

The accumulated benefit obligation for the pension plan was \$834,429 and \$566,222 at June 30, 2012 and 2011, respectively.

The Medical Center's estimated benefit payments in each of the next five fiscal years and in aggregate for the five fiscal years thereafter are as follows:

| 2013      | \$ 13,063 |
|-----------|-----------|
| 2014      | 16,054    |
| 2015      | 19,337    |
| 2016      | 23,050    |
| 2017      | 27,265    |
| 2018-2022 | 210,527   |

All other retirement plans maintained by the Medical Center are defined contribution plans. The Medical Center's contributions to these plans are generally based on ten percent of salaries up to established ERISA limits. Total expense related to these other plans was approximately \$17,762 and \$16,749 in fiscal 2012 and 2011, respectively. The Medical Center maintains a matching contribution related to non-faculty, non-senior management employees in which the Medical Center will contribute one dollar for every dollar an employee contributes to a 403(b) plan up to 1% of an employees salary subject to certain restrictions, including a three year vesting schedule and employee contributions made each pay period. The total amount expensed in fiscal 2012 and 2011 related to this plan was approximately \$3,308 and \$3,225, respectively. The Medical Center has notified employees that contributions to the Plan will cease effective January 1, 2013.

The Medical Center has a nonqualified deferred compensation plan, which permits eligible officers, directors and key employees to defer a portion of their compensation. The deferred compensation amounts are in participant directed investments and are considered trading securities. The participants have the option of deferring the amounts for no less than two years, but no greater than retirement age. If a participant chooses to defer amounts to less than retirement age they have one option to extend the deferral term or to be paid out the fair value of the assets, net of taxes upon expiration. The amounts are at a substantial risk of forfeiture and will revert back to the Medical Center if the employee violates his non-compete agreement. The fair value of the assets and liability to participants included in the accompanying consolidated balance sheets were \$10,167 and \$9,384 at June 30, 2012 and 2011, respectively. The amount of deferred compensation expense recognized in fiscal 2012 and 2011 was \$623 and \$12, respectively. Additionally, the Medical Center provides for individual nonqualified deferred compensation benefits for retention of key employees with varying terms. The fair value of the assets and liability to participants related to these individual agreements in the accompanying Consolidated balance sheets were \$1,681 and \$4,738, respectively at June 30, 2012 and 2011.

# Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

In addition to providing pension benefits, the Medical Center makes available medical and dental benefits for certain eligible employees upon retirement from the Medical Center at cost. Substantially all employees may become eligible for such benefits upon retiring from active employment of the Medical Center. Former employees who retired prior to March 1, 1997 are entitled to subsidized medical and dental benefits. In June 2012, the Medical Center notified retirees that effective January 1, 2013, the retirees health benefits will be provided through a third party arrangement versus the Medical Center's self-insured plans.

The postretirement benefit obligations as of June 30, 2012 and 2011 were as follows:

|  | 2012    | 2011    |
|--|---------|---------|
| Change in benefit obligation:  |         |         |
| Benefit obligation at beginning of year                                  | \$7,908 | \$8,421 |
| Interest cost  | 339     | 373     |
| Plan participants contributions  | 637     | 631     |
| Plan Amendment   | (4,567) | -       |
| Medicare Part D subsidy  | 206     | 135     |
| Actuarial (gains) losses   | 1,448   | (202)   |
| Benefits paid  | (1,496) | (1,450) |
| Benefit obligation at end of year (included in self- insurance reserves) | \$4,475 | \$7,908 |

Amounts included in Unrestricted Net Assets but not yet recognized in postretirement cost consist of:

|                        | 2012    | 2011    |
|------------------------|---------|---------|
| Net actuarial loss     | \$4,542 | \$3,399 |
| Net prior service cost | (5,450) | (1,168) |
|                        | \$(908) | \$2,231 |

The estimated actuarial loss and prior service cost that will be amortized from Unrestricted Net Assets into net postretirement cost in fiscal 2013 are \$503 and \$(846), respectively.

The above table reflects the following weighted average assumptions to determine postretirement obligations:

|   | 2012  | 2011  |
|---|-------|-------|
| Discount rate   | 2.79% | 4.49% |
| Health care cost trend rate declining gradually to 5% through |       |       |
| 2019 and beyond, respectively                                 | 8.00% | 8.50% |

Net periodic cost for 2012 and 2011 related to the medical and dental postretirement benefits consisted of the following components:

|  | 2012  | 2011  |
|--|-------|-------|
| Interest cost  | \$339 | \$373 |
| Amortization of unrecognized net gain and prior service credit | 20    | 64    |
|  | \$359 | \$437 |

For fiscal 2012 and fiscal 2011, the discount rate used to determine the net periodic postretirement costs was 4.49% and 4.63%, respectively.

Consolidated Financial Statements
For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

Assumed healthcare cost trend rates have a significant effect on the amounts reported for healthcare plans. A one-percentage-point change in assumed healthcare cost trend rates would have the following effects:

|   | 1-Percentage-   | 1-Percentage-   |
|---|-----------------|-----------------|
|   | Point           | Point           |
|   | <u>Increase</u> | <b>Decrease</b> |
| Effect on total of service and interest cost components | \$24            | \$(22)          |
| Effect on accumulated postretirement benefit obligation | 23              | (20)            |

The Medical Center expects to make the future benefit payments, which reflect expected future service, as appropriate. The Medical Center expects to receive future subsidies under Medicare Part D. The following benefit payments and subsidies are expected to be paid (or received) over each of the next five years and thereafter.

|           | <b>Payments</b> | <b>Subsidies</b> |
|-----------|-----------------|------------------|
| 2013      | \$ 666          | \$55             |
| 2014      | 515             | -                |
| 2015      | 478             | -                |
| 2016      | 442             | -                |
| 2017      | 405             | -                |
| 2018-2022 | 1,518           | -                |

# (10) Commitments and Contingencies-

- (a) <u>Laws and Regulations</u>--The healthcare industry is subject to numerous laws and regulations of federal, state and local governments. These laws and regulations include, but are not necessarily limited to, matters such as license, accreditation, privacy, government healthcare program participation requirements, reimbursement for patient services, and Medicare and Medicaid fraud and abuse. Management believes that the Medical Center is in compliance with all fraud and abuse as well as other applicable government laws and regulations. While no regulatory inquiries have been made, compliance with such laws and regulations can be subject to future government review and interpretation as well as regulatory actions unknown or unasserted at this time.
- (b) <u>Capital Commitments</u>—The Medical Center has entered into agreements with general contractors for several renovation projects and information system technology projects. The Medical Center has committed to spend an additional approximately \$34,000 in connection with current active projects as of June 30, 2012. The projects are expected to be completed in fiscal 2013.
- (c) <u>Funding Commitment</u> -- During fiscal 2005, the Board of Trustees of Cincinnati Children's approved a revocable commitment for up to \$15,000 non-recourse loan over seven years to Uptown Consortium Inc. These funds are to be used to invest in commercial and residential projects in the uptown area. As of June 30, 2012, Cincinnati Children's has provided \$12,867 of funding in relation to this commitment.
  - As part of fee assignment agreements with physician employees, the Medical Center has agreed to fund expenditures of \$220,367 and \$199,125 as of June 30, 2012 and June 30, 2011, respectively, in those physicians' respective departments at the Medical Center as requested by those departments.
- (d) <u>Investment Commitment</u> -- Cincinnati Children's has made commitments to invest \$12,000 in two limited partnerships that focus on investing in venture capital funds or provide venture capital for

# Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

companies in the high-growth sectors of the economy, including life sciences, information technology and advanced manufacturing. As of June 30, 2012, Cincinnati Children's had funded \$10,306 of this commitment.

Cincinnati Children's has made a commitment to invest \$5,000 in a limited partnership that focuses on investing in venture capital funds or provide venture capital for companies in the high growth sectors of the economy, including life sciences, information technology and advanced manufacturing. As of June 30, 2012 Cincinnati Children's had not funded any of this commitment.

(e) <u>Operating Leases</u> – Cincinnati Children's leases certain property for varying periods. Future minimum rental commitments under non-cancellable operating leases are as follows:

| FY 2013    | \$5,862 |
|------------|---------|
| FY 2014    | 4,940   |
| FY 2015    | 905     |
| FY 2016    | 495     |
| FY 2017    | 495     |
| Thereafter | 1,113   |

### (11) Functional Expenses-

The functional expenses of the Medical Center are as follows:

|                        | 2012        | 2011        |
|------------------------|-------------|-------------|
| Patient services       | \$1,206,866 | \$1,062,097 |
| Research and education | 325,081     | 369,649     |
| Support services       | 191,043     | 208,289     |
|                        | \$1,722,990 | \$1,640,035 |

#### (12) Fair Value of Financial Instruments-

The following methods and assumptions were used by the Medical Center in estimating its fair value disclosures for financial instruments:

<u>Cash and Cash Equivalents</u>--The carrying amounts reported in the Consolidated Balance Sheets approximate fair value.

<u>Accounts Receivable and Accounts Payable and Accrued Expenses</u> -- The carrying amounts reported in the Consolidated Balance Sheets approximate fair value because of the relative short maturity of these items.

<u>Marketable Securities and Assets Limited As To Use</u>--The carrying amounts reported in the Consolidated Balance Sheets approximate fair value. Fair value is determined by the trustee holding the assets based on published market prices.

Bonds Payable and Notes Payable—The fair values of the Medical Center's bonds payable and notes payable are estimated by the bond trustee based on current rates for debt with similar remaining maturities. The fair value of the bonds payable at June 30, 2012 and 2011 was \$482,836 and \$485,357, respectively.

Consolidated Financial Statements For the Years Ended June 30, 2012 and 2011, respectively (dollars in thousands)

### (13) Subsequent Events-

Management reviewed subsequent events through October 26, 2012, the date the financial statements were issued, noting no changes were required to the financial statements or footnotes, except for the following, as to which the date is February 1, 2013. Subsequent to year-end, Cincinnati Children's entered into a \$60,000 taxable term note. The note bears interest at a fixed rate of interest of 2.20%. The note matures in fiscal 2022.

|  |                              |   |   |  |   | Federal Grant            |            |             |              |                            |
|--|------------------------------|---|---|--|---|--------------------------|------------|-------------|--------------|----------------------------|
| Part   | _ ,                          |   |   | Pass-Through Grantor                     | Subrecipient Name                               |                          |            | Sub Exp     | •            | •                          |
| Part      | Department of Defense        | Military Medical Research & Development                 |   |  |   |                          |            | \$ - 5      |              | (56,619.38)<br>(22,116.35) |
| Residency   Resi   |                              |   | Early Prediction Of Lupus Nephritis Using Advanced Prote    |  | Magazahugatta Caparal Herrital                  | W81XWH0710322            | 12.420     | - 04.045.00 | 46,428.78    | 46,428.78                  |
| March Specimen   Marc   |                              |   |   |  | iviassachusetts General Hospital                |                          |            | 84,645.38   |              | 112,378.02                 |
| March State Stat   |                              |   | Modelling Brain Defects in NF1                              |  | Massachusetts General Hospital                  | W81XWH1010116            | 12.420     | 38,428.09   | 307,363.10   | 345,791.19                 |
| PRODUCTO   Section Products   Product   Products   Pr   |                              |   |   |  |   |                          |            | -           |              |                            |
| Part      |                              |   | PR0094002 - "Genome-Wide Association Study in African-Am    |  |   | W81XWH1010675            | 12.420     | -           | 191,986.67   | 191,986.67                 |
| Part      |                              |   | Genetic & Epigenetic Diffencese in Monozygotic Twins wit    |  |   |                          |            | -           |              |                            |
| Page      |                              |   |   |  |   |                          |            | -           |              | 154,222.30                 |
| # Agrication of Angle Medication of Fibrication of Processing Control for Medication Research and Station of Processing Control for Medication Research and Station Of Medication Research and Station Of Medication Research and Station Of Medication Research and Station Control for Medication Research and Station Research and Statio  |                              |   |   |  |   |                          |            | -           |              | 98,481.95                  |
| Appeal   A   |                              |   |   |  |   |                          |            | -           |              | 259,958.65                 |
| Part      |                              |   |   |  |   |                          |            | -           |              | 35,059.95                  |
| Page-1500-1500-1500-1500-1500-1500-1500-150  |                              |   |   |  |   |                          |            | -           |              | 9,350.39                   |
| Page      |                              |   | `,  | ,  | Military Medical Research and Development T     | otal                     | '          | 123,073.47  | 2,069,878.34 | 2,192,951.81               |
| Secretary   Secr   |                              |   |   |  | Department of Defense Total                     |                          | į          | 123,073.47  | 2,069,878.34 | 2,192,951.81               |
| Page      | Department of Education      | Education Research, Development & Dissemination         | Organizational Skills Interventions for Children with AD    |  |   |                          | 84.305     | -           | 9,579.78     | 9,579.78                   |
| Page      |                              |   |   |  | Education Research, Development and Disse       | mination Total           |            | -           | 9,579.78     | 9,579.78                   |
| Part   Calcer   Part   Calcer   Calce   |                              | National Institute on Disability and Rehabilitation Res | ea Rehabilitation Research and training Center for Traumati |  |   | H133B090010              | 84.133     |             | 218,573.30   | 714,674.68                 |
| West   Page      |                              |   |   |  |   |                          |            |             |              |                            |
| Page      |                              |   |   |  | University of Oregon                            |                          |            |             |              |                            |
| Special Education   Course for Infants & Familia   Published September   Special Education   Course for Infants & Familia   Special Education   Course for Infants with Published September   Specia   |                              |   | Web Therapy to Improve Outcomes after Traumatic Brain In    |  | Western Oregon University                       | H133G060167              | 84.133     | 110,841.12  | 6,776.57     | 6,776.57                   |
| Special Education   Course for Infants & Familia   Published September   Special Education   Course for Infants & Familia   Special Education   Course for Infants with Published September   Specia   |                              |   |   |  | National Inst. on Disability &nd Rehabilitation | Resch. Total             |            | 496.101.38  | 225.349.87   | 721,451.25                 |
| Second Education Feet A Media Silves for Individuals Influencing Outcomes for Cristons With Assistance Pures   Properties of Austral Community Highway Safety   1000   1   |                              | Special Education-Grants for Infants & Families         | Child Find  |  | ,   |                          | 84 181     | -           | •            | •                          |
| Special Education Tech. & Media Serves for Individuals or Inflational Serves for Individuals or Individuals or Individuals or Individuals or Individuals or Individuals or Individuals   |                              | Special Education-Grants for infants & Farmines         |   |  |   |                          |            |             |              | 12,333.62                  |
| Special Education Table   Septiment of Light   Se   |                              |   |   |  | Special Education-Grants for Infants and Fan    | nilies Total             | '          | -           | 18,427.71    | 18,427.71                  |
| Page      |                              | Special Education Tech. & Media Srvcs for Individual    | ls \ Influencing Outcomes for Children Who Are Deaf-Blind   | The Teaching Res Instit of W Oregon Univ | Consist Education Tests 9 Madia Course for to   |                          |            | -           | 9,695.48     | 9,695.48                   |
| Department of Justice   Crime Victime Assistance   Crime Victime Assistan   |                              |   |   |  |   | uividuais w/ Disabilitie | # <b>5</b> | -           | 9,695.48     | 9,695.48                   |
| Department of Transportation   Sale and Community Highway Safety   Congenit Protection Regional Coordinator   Fee Reserrint   Fee Reserrint   Sale and Community Highway Safety Total   Co227113100000002   20.000   20.000   20.000   20.000   20.000   20.000   20.000   20.000   20.000   20.000   20.000   20.000   20.0000   20.000   20.000   20.000   20.000   20.000   20.000   20.00000   20.0000   |                              |   |   |  | Department of Education Total                   |                          | i          | 496,101.38  | 263,052.84   | 759,154.22                 |
| Department of Transportation   Sale and Community Highway Safety   Congenit Protection Regional Coordinator   Fee Reserrint   Fee Reserrint   Sale and Community Highway Safety Total   Co227113100000002   20.000   20.000   20.000   20.000   20.000   20.000   20.000   20.000   20.000   20.000   20.000   20.000   20.0000   20.000   20.000   20.000   20.000   20.000   20.000   20.00000   20.0000   | Department of Justice        | Crime Victim Assistance                                 | Victims Assistance Funds                                    | Crime Victims Assistance Office          |   | 2010VADSCE483            | 16.575     | _           | 5,406.06     | 5,406.06                   |
| Tean Research   Tean Research   Tean Research   State and Community Highway Safety Total   |                              |   |   |  | Department of Justice Total                     |                          | •          | -           | 5,406.06     | 5,406.06                   |
| National Science Foundation   National Science   Probing the robustness of a developmental system Collaborative research: Ortiology-enabled reasoning acros   University of South Dakota   University   University of South Dakota   University   Universit   | Department of Transportation | State and Community Highway Safety                      |   |  |   |                          |            | -           |              | 12,683.44                  |
| National Science Foundation   Probing the robustness of a developmental gystam Collaborative research: Ontology-enabled reasoning acros   University of South Dakota   University of South D   |                              |   | Teen Resraint   |  | Ct-t C  | GG20113100000052         | 20.600     | -           |              | (242.46)                   |
| National Science Foundation   Biological Sciences   Problem the robustness of a developmental system Collaborative research. Ontology-enabled reasoning acros   University of South Dakota   Biological Sciences Total   Biological Sciences Total   Biological Sciences Total   NSF 1007666   47.04   - 40.090.32   40.090.32 |                              |   |   |  | State and Community Fighway Salety Total        |                          |            | -           | 12,440.96    | 12,440.96                  |
| Colaborative research: Ontology-enabled reasoning aros   University of South Dakota   Biological Sciences Total   NS F 1007666   47.04   33.871.44     |                              |   |   |  | Department of Transportation Total              |                          |            | -           | 12,440.98    | 12,440.98                  |
| Mathematical and Physical Sciences   Extension of Cersored Quantile and Empirical Likelihood   Extension of Cersored Quantile and Empirical Likelihood   Mathematical and Physical Sciences Total   NSF 1007666   47,049   - 40,096.32     | National Science Foundation  | Biological Sciences                                     |   |  | University of Cincinnati                        |                          |            | 3,000.00    |              | 228,682.15                 |
| Mathematical and Physical Sciences   Extension of Censored Quantile and Empirical Likelihood   Mathematical and Physical Sciences Total   NSF 1007666   47,049   - 40,090.32   |                              |   | Collaborative research: Ontology-enabled reasoning acros    | University of South Dakota               | Riological Sciences Total                       | DBI-1062542              | 47.074     | 3 000 00    |              |                            |
| Mathematical and Physical Sciences Total   |                              |   |   |  | Biological Sciences Total                       |                          |            | 3,000.00    |              |                            |
| Department of Labor   Competitive Grants for Workers Training and Placemer Health Careers Collaborative of Greater Cincinnati   Competitive Grants for Workers Training & Placemer   GCJ200701060A39   17.275   - 85.526.91    |                              | Mathematical and Physical Sciences                      | Extension of Censored Quantile and Empirical Likelihood     |  | Mathematical and Dhysical Sciences Total        | NSF 1007666              | 47.049     | -           |              |                            |
| Department of Labor   Competitive Grants for Workers Training and Placemer Health Careers Collaborative of Greater Cincinnati   Competitive Grants for Workers Training & Picmut in High Growth & Emerging Ind. Sects. Total   Department of Labor Total   S5,26.91   85,526   |                              |   |   |  |   |                          |            | -           | ·            | ·                          |
| Competitive Grants for Workers Training & Plcmnt in High Growth & Emerging Ind. Sects. Total   Department of Labor Total   |                              |   |   |  | National Science Foundation Total               |                          |            | 3,000.00    | 299,643.91   | 302,643.91                 |
| Emerging Ind. Sects. Total   Emerging Ind. Sects. Total   Emerging Ind. Sects. Total   Department of Agriculture and Food Research Initiative (AFRI)   Inactivation of enteric foodborne viruses in high risk f Building Capacity to Control Viral Food-borne Disease: A Worth Carolina State University   Agriculture and Food Research Initiative (AFRI)   Inactivation of enteric foodborne viruses in high risk f Building Capacity to Control Viral Food-borne Disease: A Worth Carolina State University   Agriculture and Food Research Initiative (AFRI) total   10.310   | Department of Labor          | Competitive Grants for Workers Training and Placem      | ner Health Careers Collaborative of Greater Cincinnati      |  |   |                          |            | -           | 85,526.91    | 85,526.91                  |
| Department of Agriculture   Agriculture and Food Research Initiative (AFRI)   Inactivation of enteric foodborne viruses in high risk f Building Capacity to Control Viral Food-borne Disease: A Building Capacity to Control   |                              |   |   |  |   | cmnt in High Growth      | &          |             | 85,526.91    | 85,526.91                  |
| Department of Agriculture   Agriculture and Food Research Initiative (AFRI)   Inactivation of enteric foodborne viruses in high risk f Building Capacity to Control Viral Food-borne Disease: A Building Capacity to Control   |                              |   |   |  | Department of Labor Total                       |                          | į          |             | 85.526.91    | 85.526.91                  |
| Building Capacity to Control Viral Food-borne Disease: A   North Carolina State University   20116800330395   10.310   - 181,061.99     |                              |   |   |  | Soparanom of Labor rotal                        |                          |            |             | •            | •                          |
| Agriculture and Food Research Initiative (AFRI) Total  Integrated Programs  An integrated approach to prevent and minimize foodborne  Integrated Programs  An integrated approach to prevent and minimize foodborne  Ohio State University  Department of Agriculture Total  Affordable Care Act (ACA) Primary Care Residency Expansion of a Pediatric Primary Care Resident Training  Affordable Care Act (ACA) Primary Care Residency Expansion Prog Total  Aging Research  Mechanisms of age-related inflammatory response in hemor Homeostasis and function of regulatory T cells in aging  Linegrated Programs Total  Department of Agriculture Total  Affordable Care Act (ACA) Primary Care Residency Expansion Prog Total  Aging Research  Mechanisms of age-related inflammatory response in hemor Homeostasis and function of regulatory T cells in aging  Linegrated Programs Total  Affordable Care Act (ACA) Primary Care Residency Expansion Prog Total  Aging Research  Aging Research  Mechanisms of age-related inflammatory response in hemor Homeostasis and function of regulatory T cells in aging Linegrated Programs Total  - 411,433.10  411,433.10  - 76,562.50  76,562.50  76,562.50  - 487,995.60  487,995.60  487,995.60  Affordable Care Act (ACA) Primary Care Residency Expansion Prog Total  - 135,316.46  | Department of Agriculture    | Agriculture and Food Research Initiative (AFRI)         |   |  |   |                          |            | -           |              |                            |
| Integrated Programs Total   - 76,562.50    |                              |   |   |  | Agriculture and Food Research Initiative (AFF   |                          |            | -           |              | 411,433.10                 |
| Integrated Programs Total   - 76,562.50    |                              | Integrated Programs                                     | An integrated approach to prevent and minimize foodborne    | Ohio State University                    |   | 20105111021080           | 10.303     | _           | 76.562.50    | 76.562.50                  |
| Aging Research         Mechanisms of age-related inflammatory response in hemor Homeostasis and function of regulatory F cells in aging         Agong Research         Agong Research         Mechanisms of age-related inflammatory response in hemor Homeostasis and function of regulatory T cells in aging         Agong Research         Agong Research         Mechanisms of age-related inflammatory response in hemor Homeostasis and function of regulatory T cells in aging         AG033007         93.866         -         335.475.02         335.475.02         75.750.72         75.750.72         75.750.72         75.750.72         75.750.72         266.00.93         93.866         -         286.00.93   |                              |   |   |  | Integrated Programs Total                       |                          |            | -           |              | 76,562.50                  |
| Affordable Care Act (ACA) Primary Care Residency Expansion Prog Total - 135,316.46 135,316.46  Aging Research Mechanisms of age-related inflammatory response in hemor AG027990 93.866 - 335,475.02 355,475.02 Homeostasis and function of regulatory T cells in aging AG033057 93.866 - 75,750.72 75,750.72 Lineage Determination and Tissue HomeOstasis in the Aged AG040118 93.866 - 286,209.67 286,209.67  |                              |   |   |  | Department of Agriculture Total                 |                          | į          | -           | 487,995.60   | 487,995.60                 |
| Aging Research         Mechanisms of age-related inflammatory response in hemor         AG027990         93.866         -         335,475.02         335,475.02         335,475.02         75,750.72         75,750.72         75,750.72         75,750.72         75,750.72         75,750.72         266,209.67         286,20   | Dept of Health & Human Serv  | Affordable Care Act (ACA) Primary Care Residency B      | Ex  Expansion of a Pediatric Primary Care Resident Training |  |   | HP20766                  | 93.510     | -           | 135,316.46   | 135,316.46                 |
| Homeostasis and function of regulatory T cells in aging         AG033057         93.866         -         75,750.72         75,750.72           Lineage Determination and Tissue HomeOstasis in the Aged         AG040118         93.866         -         286,209.67         286,209.67         286,209.67  |                              |   |   |  | Affordable Care Act (ACA) Primary Care Resid    | dency Expansion Prog     | g Total    | -           | 135,316.46   | 135,316.46                 |
| Homeostasis and function of regulatory T cells in aging         AG033057         93.866         -         75,750.72         75,750.72           Lineage Determination and Tissue HomeOstasis in the Aged         AG040118         93.866         -         286,209.67         286,209.67         286,209.67  |                              | Aging Research  | Mechanisms of age-related inflammatory response in hemor    |  |   | AG027990                 | 93.866     | _           | 335 475 02   | 335 475 02                 |
|  |                              |   | Homeostasis and function of regulatory T cells in aging     |  |   | AG033057                 | 93.866     | -           | 75,750.72    | 75,750.72                  |
| Fremature Orenize Aging and Frement Delivery AG040000 93,000 - 35,074.00 35,074.00   |                              |   | Lineage Determination and Tissue HomeOstasis in the Aged    |  |   |                          |            | -           |              | 286,209.67                 |
|  |                              |   | Fremature Otenine Aging and Preterm Delivery                |  |   | A3040000                 | 93.000     | -           | 30,074.00    | 35,074.00                  |

| Gov Agency | Gov Branch   | Award Title  | Pass-Through Grantor   | Subrecipient Name   | Number               | CFDA             | Sub Exp                       | Fed Exp                     | Total Exp                 |
|------------|--|--|--|---|----------------------|------------------|-------------------------------|-----------------------------|---------------------------|
| Sov Agency | GOV Brailer  | CALERIE Phase II   | Duke University  | Subjectiplent Name  | AG022132             | 93.866           |                               | 31,659.09                   | 31,659.09                 |
|            |  |  | ,  | Aging Research Total  |                      |                  | -                             | 764,168.50                  | 764,168.50                |
|            | Allergy, Immunology and Transplantation Research   | Genetic Linkage in Lupus   |  |   | AI024717             | 93.855           | -                             | 472,477.38                  | 472,477.38                |
|            |  | Regulations of Gastroinestinal Eosinophils  Norovirus and their receptors  |  | University of Cincinnati  | AI045898<br>AI055649 | 93.855<br>93.855 | 23,123.33                     | 309,652.95<br>156,099.14    | 309,652.95<br>179,222.47  |
|            |  | CD40 Ligand Dysregulation and HIV Pathogenesis   |  | Offiversity of Ciricilliati   | Al055649<br>Al056927 | 93.855           | 23,123.33                     | 71.73                       | 71.73                     |
|            |  | Regulation of Apoptosis in Activated Primary T Cells   |  | St Jude Children's Research Hospital                                    | AI057753             | 93.855           | 15,856.00                     | 398,617.02                  | 414,473.02                |
|            |  | HLA/KIR Region Genetics in Pediatric Arthritis Role of Regulatory T Cells in HIV Infection   |  | University of Cincinnati  | AI067150<br>AI068524 | 93.855<br>93.855 | 4,308.78                      | (0.22)<br>194,797.38        | (0.22<br>199,106.16       |
|            |  | Epithelial Genes in Allergic Inflammation  |  | Offiversity of Chichinat  | AI070235             | 93.855           | 4,300.70                      | 1,079,026.86                | 1,079,026.86              |
|            |  | CD8+ T Cell Homeostatis by IL-4  |  |   | AI070300             | 93.855           | -                             | 12,612.00                   | 12,612.00                 |
|            |  | Interleukin-9 in Experimental Intestinal Anaphylaxis Behavioral and Virologic Impact of HPV Immunization   |  | Indiana University  | AI073553<br>AI073713 | 93.855<br>93.855 | 43,396.06                     | 143,593.94<br>434,959.54    | 143,593.94<br>478,355.60  |
|            |  | Predicting Adverse Outcomes In Children With Community-A   |  |   | AI073729             | 93.855           | -                             | 112,471.69                  | 112,471.69                |
|            |  | Functional Analysis of NK cells and their potential to g   |  |   | AI074743             | 93.855           | -                             | 414,981.65                  | 414,981.65                |
|            |  | Control of Immune responses by lipoxins during tuberculo<br>Regulation of TLR Signaling and Innate Immunity by RP105   |  |   | AI075038<br>AI075159 | 93.855<br>93.855 | -                             | 442,968.59<br>206,022.96    | 442,968.59<br>206,022.96  |
|            |  | Role of Acidic Environment in Eosinophilic Inflammation  |  |   | AI079251             | 93.855           | -                             | (30,942.75)                 | (30,942.75                |
|            |  | Functional Identification of Genes Mutated in FHLH<br>Investigations into XIAP-deficient X-linked Lymphoprolif   |  |   | AI079759<br>AI079797 | 93.855<br>93.855 | -                             | 254.75<br>1,713.89          | 254.75<br>1,713.89        |
|            |  | Neuronal Regulation of HSV Lytic and Latent Infection  |  |   | AI081083             | 93.855           | -                             | 95,927.40                   | 95,927.40                 |
|            |  | Epithelial Regulation of Th2 Immune Responses in the Lun   |  |   | AI083315             | 93.855           | -                             | 200,204.28                  | 200,204.28                |
|            |  | IL-13 Associated Eosinophil Lung Responses<br>Biology of IL-13 Receptor Alpha-2 in Asthma  |  |   | AI083450<br>AI084414 | 93.855<br>93.855 | -                             | 365,998.26<br>(14,058.14)   | 365,998.26<br>(14,058.14) |
|            |  | Explaining Racial Disparities in Child Asthma Morbidity  |  | University of Cincinnati  | AI088116             | 93.855           | 22,344.70                     | 517,027.59                  | 539,372.29                |
|            |  | Allergenicity resulting from functional mimicry of the T   |  | University of Iowa  | AI088372             | 93.855           | 74,845.69                     | 287,033.59                  | 361,879.28                |
|            |  | Role of Acidity and GPR65 in Food Allergy<br>Novel Vaccine Against Norovirus   |  | Ligocyte Pharmaceutical, Inc.   | AI088559<br>AI089634 | 93.855<br>93.855 | 256,705.77                    | 208,635.24<br>445,842.11    | 208,635.24<br>934,565.70  |
|            |  | -  |  | Virginia Tech.  |                      |                  | 232,017.82                    |                             |                           |
|            |  | Regulation of TH2 memory/effector cells during allergic  |  |   | AI090129             | 93.855           | -                             | 427,831.84                  | 427,831.84                |
|            |  | Structure-Function Relationship of the Adenovirus Assemb<br>Norovirus P Particle, A Multifunctional Platform For Vac   |  |   | AI090309<br>AI092434 | 93.855<br>93.855 | -                             | 110,228.26<br>232,585.38    | 110,228.26<br>232,585.38  |
|            |  | Role of Spi-C in eosinophil development and functional r   |  |   | AI093673             | 93.855           | -                             | 95,025.36                   | 95,025.36                 |
|            |  | Trefoil Factors Regulate Th2 Immunity  | Texas A & M  |   | AI095289<br>AI020624 | 93.855<br>93.855 | -                             | 55,167.87<br>104,841.28     | 55,167.87<br>104,841.28   |
|            |  | Analysis of Staphylococcus Aureus Host Interactions<br>Long-Term Immunity Against Toxoplasmosis  | George Washington University                                       |   | AI033325             | 93.855           | -                             | 9,913.09                    | 9,913.09                  |
|            |  | Immunology/Allergy Fellowship Training Grant T32   | University of Cincinnati   |   | AI060515             | 93.855           | -                             | 143,711.11                  | 143,711.11                |
|            |  | Reverse Genomics of Anti-Protective Antigen Response<br>Immunobiology of Paenut Allergy and its Treatment: A Pro   | Oklahoma Medical Research Foundation<br>Mount Sinai Medical Center |   | AI062629<br>AI066738 | 93.855<br>93.855 | -                             | 30,284.47<br>595,150.12     | 30,284.47<br>595,150.12   |
|            |  | Transforming Growth Factor beta in T-Cell Homeostasis an   | University of Arizona  |   | AI067903             | 93.855           |                               | 26,345.36                   | 26,345.36                 |
|            |  | Regulation of Antibody-Mediated Disorders  | University of Cincinnati   |   | AI072040             | 93.855           | -                             | 115,130.73                  | 115,130.73                |
|            |  | Novel Broad Spectrum Therapeutic Glycans Against Categor<br>Activated Protein C for Treatment of Radiation Combined  | Boston College<br>Blood Center of Wisconsin, Inc.                  |   | AI075563<br>AI080557 | 93.855<br>93.855 | -                             | 125,637.25<br>165,053.62    | 125,637.25<br>165,053.62  |
|            |  | Novel Immune-based therapy for Leishmaniasis and TB  | NewLink Genetics Corporation                                       |   | AI082812             | 93.855           | -                             | 93,808.54                   | 93,808.54                 |
|            |  | Genomics of Lupus  | Oklahoma Medical Research Foundation                               |   | AI083194             | 93.855           | -                             | 156,099.53                  | 156,099.53                |
|            |  | Gene Therapy for SCID-X1 Using Self-Inactivating Gammare<br>Prospective Cohort Study of Severe Bronchiolitis and Ris   | Children's Hospital Boston<br>Massachusetts General Hospital       |   | AI087628<br>AI087881 | 93.855<br>93.855 | -                             | 161,862.14<br>38,624.13     | 161,862.14<br>38,624.13   |
|            |  | Receptor Mimics for Rapid Detection, Typing, and Suscept   | University of Cincinnati   |   | AI089450             | 93.855           | -                             | 21,949.27                   | 21,949.27                 |
|            |  | Infant Effects of Maternal Immunization  | Emory Univ School of Public Health                                 |   | AI091437<br>AI096823 | 93.855<br>93.855 | -                             | 47,475.00<br>8,011.26       | 47,475.00<br>8,011.26     |
|            |  | KLF2, IL-4, and Histoplasmosis   | University of Cincinnati   | Allergy, Immunology and Transplantation F                               |                      | 93.033           | 672,598.15                    | 9,220,724.44                | 9,893,322.59              |
|            | ARRA ARRA Accelerating Adoption of Comparative Effective   | ver Bundling Effective Resident Handoff Practices to Improve   | Children's Hospital Boston   |   | AE00029              | 93.726           | _                             | 98,479.81                   | 98,479.81                 |
|            | 7 and 7 and 7 account any naces of the company of t | Solution of the state of the st | omaron o mospitar Boston   | ARRA Accelerating Adoption of Comparation                               |                      |                  |                               |                             |                           |
|            |  |  |  | (CER) Total   |                      |                  | -                             | 98,479.81                   | 98,479.81                 |
|            | ARRA ARRA - Emergency Medical Services for Children  | Implementation of the PECARN Traumatic Brain Injury Pred   |  |   | MC19289              | 93.418           | -                             | 74,343.66                   | 74,343.66                 |
|            |  |  |  | ARRA - Emergency Medical Services for Cl                                | nildren Total        |                  | -                             | 74,343.66                   | 74,343.66                 |
|            | ARRA ARRA - Health Information Technology - Beacon Cor   | mn CCHMC Strategic Focus on Population Health Improvement  | Healthbridge   | Academy Health  | 90BC0016             | 93.727           | 103,344.73                    | 1,057,616.36                | 1,160,961.09              |
|            |  |  |  | ARRA - Health Info. TechnBeacon Commu                                   | unities Total        |                  | 103,344.73                    | 1,057,616.36                | 1,160,961.09              |
|            | ARRA ARRA - Prevention and Wellness - Leveraging Natio   | na Evaluating National Efforts to Promote Community Tobacco  | American Academy of Pediatrics                                     | Academy Health  ARRA - Prevent. & Wellness-Leveraging Na                | AAP 696800           | 93.731           | 19,834.00<br><b>19,834.00</b> | 9,179.85<br><b>9,179.85</b> | 29,013.85<br>29,013.85    |
|            | Arthritis, Musculoskeletal and Skin Diseases Researe   | oh Dadiatria Dhaumatalagu Training   |  |   | AR007594             | 93.846           | •                             | 8,532.66                    | 8,532.66                  |
|            | Artifitis, Musculoskeletal and Skill Diseases Nesean   | HLA-B27 Misfolding an the UPR in Spondyloarthritis   |  |   | AR046177             | 93.846           | -                             | 17,671.66                   | 17,671.66                 |
|            |  | Cincinnati Rheumatic Disease Core Center   |  |   | AR047363             | 93.846           |                               | 396,939.23                  | 396,939.23                |
|            |  | Multidisciplinary Clinical Research Center   |  | Arkansas Children's Hospital Cleveland Clinic Educational Endto         | AR047784             | 93.846           | 12,575.85<br>19.946.45        | 1,007,827.72                | 1,129,656.00              |
|            |  |  |  | Connecticut Childrens Medical Cntr                                      |                      |                  | 4,982.00                      |                             |                           |
|            |  |  |  | Emory University  |                      |                  | 3,000.00                      |                             |                           |
|            |  |  |  | Hackensack University Medical Cntr<br>Medical University South Carolina |                      |                  | 20,103.11<br>1,340.00         |                             |                           |
|            |  |  |  | North Shore L.I.J. Health System  |                      |                  | 20,509.29                     |                             |                           |
|            |  |  |  | Northwestern University<br>Phoenix Children's Hospital                  |                      |                  | 7,842.16<br>5,375.00          |                             |                           |
|            |  |  |  | Prometheus Laboratories, Inc  |                      |                  | 225.00                        |                             |                           |
|            |  |  |  | University of Chicago   |                      |                  | 6,360.00                      |                             |                           |
|            |  | Gene Expression in Pediatric Arthritis   |  | University of Cincinnati  | AR048929             | 93.846           | 19,569.42                     | 609,937.66                  | 609,937.66                |
|            |  | A Randomized Clinical Trial in Juvenile Fibromyalgia   |  |   | AR050028             | 93.846           | -                             | (177.16)                    | (177.16)                  |
|            |  | Role of IL-13 Receptors in Atopic Dermatis   |  |   | AR054490             | 93.846           |                               | 528,290.52                  | 528,290.52                |
|            |  | Longitudinal Determination of Outcomes of Adolescents wi<br>Efficacy Measures for Pediatric Lupus Studies  |  | University of Cincinnati  | AR054842<br>AR055054 | 93.846<br>93.846 | 38,369.24                     | 473,923.26<br>(10,786.19)   | 512,292.50<br>(10,786.19) |
|            |  | Behavioral Interventions and Long Term Outcomes in Juven   |  |   | AR056687             | 93.846           | -                             | 113,134.58                  | 113,134.58                |
|            |  | Mechanisms linking the hemostatic protease thrombin to a   |  | Heimenth of Olivina "   | AR056990             | 93.846           | 40.000.47                     | 337,314.37                  | 337,314.37                |
|            |  | Sex differences in ACL injury risk factors emerge during<br>Enhancing PROMIS in Pediatric Pain, Rheumatology, and Re   |  | University of Cincinnati<br>Emory University                            | AR057551<br>AR057940 | 93.846<br>93.846 | 12,988.47<br>38,943.96        | 70,387.53<br>575,465.72     | 83,376.00<br>650,431.16   |
|            |  |  |  | University of Cincinnati  |                      |                  | 36,021.48                     |                             |                           |
|            |  | MUNC13-4 gene Polymorphisms in Macrophage Activation syn<br>Towards Measures of Lupus Nephritis Activity & Damage fo   |  | Children's Memorial Hospital  | AR059049<br>AR059509 | 93.846<br>93.846 | 1,000.00                      | 249,987.22<br>154,033.76    | 249,987.22<br>167,761.70  |
|            |  | . On all de la capación de la capaci |  | Saren a wiemonar riospitar  | A11000000            | 30.040           | 1,000.00                      | 104,000.10                  | 101,101.70                |

| As:<br>Bio | Assistance Programs for Chronic Disease Prever Biomedical Research and Research Training  | Program Project in the Genetics of SLEProject 2: Geno Early Agressive Therapy in JIA Bracing in Adolescent Idiopathic Scoliosis Neuromuscular Intervention Targeted to Mechanisms of ACL Use of Thermal and 3D Surface Imaging to Quantify Arthri A Developmentally-Based Tissue Engineering Approach to I Genetics of Juveniel Idiopathic Arthrits and Subtypes Responsiveness of Pediatric PROMIS Item Banks in Childre Gfi-1 and Osteoblast Suppression in Multiple Myeloma  tion a SEARCH for Diabetes in Youth, Phase 3: Registry Study -  Regulation of Wingless (Wg) Signaling and Morphogen Regulation of Wingless (Wg) Signaling and Morphogen Grad Genomic Analysis of Pediatric SIRS and Septic Shock PPARgamma and PPARgamma agonists in septic shock Mechanisms of Endoderm Specification Along the A-P Axis Hox Regulation of Sensory Organ Development in Drosophil Alternative Macrophage Activation Limits Immunopathology Whts interacting with Wnts: mechanism and biological sig | University of Alabama-Birmingham Children's Hosp & Reg Med Ct-Seattle University of Iowa Ohio State University Children's Hospital of Pittsburgh University of Cincinnati Wake Forest University Boston University Medical Campus University of Pittsburgh | Emory University  Emory University Nationwide Childrens Hospital Saint Louis University University of British Columbia University of Cincinnati  Arthritis, Musculoskeletal and Skin Dise  Assistance Programs for Chronic Dis. P | DP002709   | 93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846 | Sub Exp  2,000.00 560.00 1,000.00 1,000.00 1,000.00 8,167.94                       | 122,470.29<br>(429.73)<br>6.511.45<br>373,731.90<br>304.80<br>252,019.66<br>9.688.97<br>32,546.53<br>36.263.31<br>5,365,589.72 | 122,470,29<br>(429,73)<br>6,511,45<br>373,731,90<br>304,80<br>252,019,66<br>9,688,97<br>32,546,53<br>36,263,31<br>5,627,469.09 |
|------------|---|--|--|---|--|--|--|--|--|
| Bio        |   | Early Agressive Therapy in JIA Bracing in Adolescent Idiopathic Scoliosis Neuromuscular Intervention Targeted to Mechanisms of ACL Use of Thermal and 3D Surface Imaging to Quantify Arthri A Developmentally-Based Tissue Engineering Approach to I Genetics of Juvenile Idiopathic Arthritis and Subtypes Responsiveness of Pediatric PROMIS Item Banks in Childre Gfi-1 and Osteoblast Suppression in Multiple Myeloma  tion a SEARCH for Diabetes in Youth, Phase 3: Registry Study -  Regulation of Wingless (Wg) Signaling and Morphogen Regulation of Wingless (Wg) Signaling and Morphogen Grad Genomic Analysis of Pediatric SIRS and Septic Shock PPARgamma and PPARgamma agonists in septic shock Mechanisms of Endoderm Specification Along the A-P Axis Hox Regulation of Sensory Organ Development in Drosophil Alternative Macrophage Activation Limits Immunopathology   | Children's Hosp & Reg Med Čt-Seattle University of Iowa Ohio State University Children's Hospital of Pittsburgh University of Cincinnati Wake Forest University Boston University Medical Campus   | Nationwide Childrens Hospital Saint Louis University University of British Columbia University of Cincinnati  Arthritis, Musculoskeletal and Skin Dise  | AR049762<br>AR052113<br>AR055553<br>AR056690<br>AR0566943<br>AR057106<br>AR057929<br>AR059679<br>ases Research Total | 93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846                     | 560.00<br>1,000.00<br>1,000.00<br>8,167.94<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- | (429.73)<br>6,511.45<br>373,731.90<br>304.80<br>252,019.66<br>9.688.97<br>32,546.53<br>36,263.31<br>5,365,589.72               | (429.73)<br>6,511.45<br>373,731.90<br>304.80<br>252,019.66<br>9,688.97<br>32,546.53<br>36,263.31<br>5,627,469.09               |
| Bio        |   | Early Agressive Therapy in JIA Bracing in Adolescent Idiopathic Scoliosis Neuromuscular Intervention Targeted to Mechanisms of ACL Use of Thermal and 3D Surface Imaging to Quantify Arthri A Developmentally-Based Tissue Engineering Approach to I Genetics of Juvenile Idiopathic Arthritis and Subtypes Responsiveness of Pediatric PROMIS Item Banks in Childre Gfi-1 and Osteoblast Suppression in Multiple Myeloma  tion a SEARCH for Diabetes in Youth, Phase 3: Registry Study -  Regulation of Wingless (Wg) Signaling and Morphogen Regulation of Wingless (Wg) Signaling and Morphogen Grad Genomic Analysis of Pediatric SIRS and Septic Shock PPARgamma and PPARgamma agonists in septic shock Mechanisms of Endoderm Specification Along the A-P Axis Hox Regulation of Sensory Organ Development in Drosophil Alternative Macrophage Activation Limits Immunopathology   | Children's Hosp & Reg Med Čt-Seattle University of Iowa Ohio State University Children's Hospital of Pittsburgh University of Cincinnati Wake Forest University Boston University Medical Campus   | Saint Louis University University of Brish Columbia University of Cincinnati  Arthritis, Musculoskeletal and Skin Dise  | AR049762<br>AR052113<br>AR055553<br>AR056690<br>AR0566943<br>AR057106<br>AR057929<br>AR059679<br>ases Research Total | 93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846                     | 1,000.00<br>1,000.00<br>8,167.94<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-           | (429.73)<br>6,511.45<br>373,731.90<br>304.80<br>252,019.66<br>9.688.97<br>32,546.53<br>36,263.31<br>5,365,589.72               | (429.73)<br>6,511.45<br>373,731.90<br>304.80<br>252,019.66<br>9,688.97<br>32,546.53<br>36,263.31<br>5,627,469.09               |
| Bio        |   | Early Agressive Therapy in JIA Bracing in Adolescent Idiopathic Scoliosis Neuromuscular Intervention Targeted to Mechanisms of ACL Use of Thermal and 3D Surface Imaging to Quantify Arthri A Developmentally-Based Tissue Engineering Approach to I Genetics of Juvenile Idiopathic Arthritis and Subtypes Responsiveness of Pediatric PROMIS Item Banks in Childre Gfi-1 and Osteoblast Suppression in Multiple Myeloma  tion a SEARCH for Diabetes in Youth, Phase 3: Registry Study -  Regulation of Wingless (Wg) Signaling and Morphogen Regulation of Wingless (Wg) Signaling and Morphogen Grad Genomic Analysis of Pediatric SIRS and Septic Shock PPARgamma and PPARgamma agonists in septic shock Mechanisms of Endoderm Specification Along the A-P Axis Hox Regulation of Sensory Organ Development in Drosophil Alternative Macrophage Activation Limits Immunopathology   | Children's Hosp & Reg Med Čt-Seattle University of Iowa Ohio State University Children's Hospital of Pittsburgh University of Cincinnati Wake Forest University Boston University Medical Campus   | University of British Columbia University of Cincinnati  Arthritis, Musculoskeletal and Skin Dise   | AR049762<br>AR052113<br>AR055553<br>AR056690<br>AR0566943<br>AR057106<br>AR057929<br>AR059679<br>ases Research Total | 93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846                     | 1,000.00<br>8,167.94<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                       | (429.73)<br>6,511.45<br>373,731.90<br>304.80<br>252,019.66<br>9.688.97<br>32,546.53<br>36,263.31<br>5,365,589.72               | (429.73)<br>6,511.45<br>373,731.90<br>304.80<br>252,019.66<br>9,688.97<br>32,546.53<br>36,263.31<br>5,627,469.09               |
| Bio        |   | Early Agressive Therapy in JIA Bracing in Adolescent Idiopathic Scoliosis Neuromuscular Intervention Targeted to Mechanisms of ACL Use of Thermal and 3D Surface Imaging to Quantify Arthri A Developmentally-Based Tissue Engineering Approach to I Genetics of Juvenile Idiopathic Arthritis and Subtypes Responsiveness of Pediatric PROMIS Item Banks in Childre Gfi-1 and Osteoblast Suppression in Multiple Myeloma  tion a SEARCH for Diabetes in Youth, Phase 3: Registry Study -  Regulation of Wingless (Wg) Signaling and Morphogen Regulation of Wingless (Wg) Signaling and Morphogen Grad Genomic Analysis of Pediatric SIRS and Septic Shock PPARgamma and PPARgamma agonists in septic shock Mechanisms of Endoderm Specification Along the A-P Axis Hox Regulation of Sensory Organ Development in Drosophil Alternative Macrophage Activation Limits Immunopathology   | Children's Hosp & Reg Med Čt-Seattle University of Iowa Ohio State University Children's Hospital of Pittsburgh University of Cincinnati Wake Forest University Boston University Medical Campus   | University of Cincinnati  Arthritis, Musculoskeletal and Skin Dise  | AR049762<br>AR052113<br>AR055553<br>AR056690<br>AR0566943<br>AR057106<br>AR057929<br>AR059679<br>ases Research Total | 93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846                     | 8,167.94<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                                   | (429.73)<br>6,511.45<br>373,731.90<br>304.80<br>252,019.66<br>9.688.97<br>32,546.53<br>36,263.31<br>5,365,589.72               | (429.73)<br>6,511.45<br>373,731.90<br>304.80<br>252,019.66<br>9,688.97<br>32,546.53<br>36,263.31<br>5,627,469.09               |
| Bio        |   | Early Agressive Therapy in JIA Bracing in Adolescent Idiopathic Scoliosis Neuromuscular Intervention Targeted to Mechanisms of ACL Use of Thermal and 3D Surface Imaging to Quantify Arthri A Developmentally-Based Tissue Engineering Approach to I Genetics of Juvenile Idiopathic Arthritis and Subtypes Responsiveness of Pediatric PROMIS Item Banks in Childre Gfi-1 and Osteoblast Suppression in Multiple Myeloma  tion a SEARCH for Diabetes in Youth, Phase 3: Registry Study -  Regulation of Wingless (Wg) Signaling and Morphogen Regulation of Wingless (Wg) Signaling and Morphogen Grad Genomic Analysis of Pediatric SIRS and Septic Shock PPARgamma and PPARgamma agonists in septic shock Mechanisms of Endoderm Specification Along the A-P Axis Hox Regulation of Sensory Organ Development in Drosophil Alternative Macrophage Activation Limits Immunopathology   | Children's Hosp & Reg Med Čt-Seattle University of Iowa Ohio State University Children's Hospital of Pittsburgh University of Cincinnati Wake Forest University Boston University Medical Campus   |   | AR049762<br>AR052113<br>AR055553<br>AR056690<br>AR0566943<br>AR057106<br>AR057929<br>AR059679<br>ases Research Total | 93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846                     | 261,879.37   | (429.73)<br>6,511.45<br>373,731.90<br>304.80<br>252,019.66<br>9.688.97<br>32,546.53<br>36,263.31<br>5,365,589.72               | (429.73)<br>6,511.45<br>373,731.90<br>304.80<br>252,019.66<br>9,688.97<br>32,546.53<br>36,263.31<br>5,627,469.09               |
| Bio        |   | Bracing in Adolescent Idiopathic Scoliosis Neuromuscular Intervention Targeted to Mechanisms of ACL Use of Thermal and 3D Surface Imaging to Quantify Arthri A Developmentally-Based Tissue Engineering Approach to I Genetics of Juvenile Idiopathic Arthritis and Subtypes Responsiveness of Pediatric PROMIS Item Banks in Childre Gfi-1 and Osteoblast Suppression in Multiple Myeloma  tion a SEARCH for Diabetes in Youth, Phase 3: Registry Study -  Regulation of Wingless (Wg) Signaling and Morphogen Regulation of Wingless (Wg) Signaling and Morphogen Grad Genomic Analysis of Pediatric SIRS and Septic Shock PPARgamma and PPARgamma agonists in septic shock Mechanisms of Endoderm Specification Along the A-P Axis Hox Regulation of Sensory Organ Development in Drosophil Alternative Macrophage Activation Limits Immunopathology  | University of Iowa Ohio State University Children's Hospital of Pittsburgh University of Cincinnati Wake Forest University Boston University Medical Campus  |   | AR052113<br>AR055563<br>AR056690<br>AR056943<br>AR057106<br>AR057929<br>AR059679<br>ases Research Total              | 93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846                     | 261,879.37   | 6,511.45<br>373,731.90<br>304.80<br>252,019.66<br>9,688.97<br>32,546.53<br>36,263.31<br>5,365,589.72                           | 6,511.45<br>373,731.90<br>304.80<br>252,019.66<br>9,688.97<br>32,546.53<br>36,263.31<br>5,627,469.09                           |
| Bio        |   | Neuromuscular Intervention Targeted to Mechanisms of ACL Use of Thermal and 3D Surface Imaging to Quantify Arthri A Developmentally-Based Tissue Engineering Approach to I Genetics of Juvenile Idiopathic Arthritis and Subtypes Responsiveness of Pediatric PROMIS Item Banks in Childre Gfi-1 and Osteoblast Suppression in Multiple Myeloma tion a SEARCH for Diabetes in Youth, Phase 3: Registry Study -  Regulation of Wingless (Wg) Signaling and Morphogen Regulation of Wingless (Wg) Signaling and Morphogen Grad Genomic Analysis of Pediatric SIRS and Septic Shock PPARgamma and PPARgamma and pric shock Mechanisms of Endoderm Specification Along the A-P Axis Hox Regulation of Sensory Organ Development in Drosophil Alternative Macrophage Activation Limits Immunopathology  | Ohio Stale University Children's Hospital of Pittsburgh University of Cincinnati Wake Forest University Boston University Medical Campus   |   | AR055563<br>AR056690<br>AR056943<br>AR057106<br>AR057199<br>AR059679<br>ases Research Total                          | 93.846<br>93.846<br>93.846<br>93.846<br>93.846<br>93.846                               | 261,879.37   | 373,731.90<br>304.80<br>252,019.66<br>9,688.97<br>32,546.53<br>36,263.31<br>5,365,589.72                                       | 373,731.90<br>304.80<br>252,019.66<br>9,688.97<br>32,546.53<br>36,263.31<br><b>5,627,469.09</b>                                |
| Bio        |   | Use of Thermal and 3D Surface imaging to Quantify Arthri<br>A Developmentally-Based Tissue Engineering Approach to I<br>Genetics of Juvenile Idiopathic Arthritis and Subtypes<br>Responsiveness of Pediatric PROMIS Item Banks in Childre<br>Gfi-1 and Osteoblast Suppression in Multiple Myeloma<br>tition a SEARCH for Diabetes in Youth, Phase 3: Registry Study -<br>Regulation of Wingless (Wg) Signaling and Morphogen<br>Regulation of Wingless (Wg) Signaling and Morphogen Grad<br>Genomic Analysis of Pediatric SIRS and Septic Shock<br>PPARgamma and PPARgamma agonists in septic shock<br>Mechanisms of Endoderm Specification Along the A-P Axis<br>Hox Regulation of Sensory Organ Development in Drosophil<br>Alternative Macrophage Activation Limits Immunopathology  | Children's Hospital of Pittsburgh<br>University of Cincinnati<br>Wake Forest University<br>Boston University Medical Campus  |   | AR056690<br>AR055943<br>AR057106<br>AR057929<br>AR059679<br>ases Research Total<br>DP002709                          | 93.846<br>93.846<br>93.846<br>93.846<br>93.846   | -<br>-<br>-<br>-<br>-<br>261,879.37  | 304.80<br>252,019.66<br>9,688.97<br>32,546.53<br>36,263.31<br><b>5,365,589.72</b>  | 304.80<br>252,019.66<br>9,688.97<br>32,546.53<br>36,263.31<br>5,627,469.09   |
| Bio        |   | Genetics of Juvenile Idiopathic Arthritis and Subtypes Responsiveness of Pediatric RPOMIS Item Banks in Childre Gfi-1 and Osteoblast Suppression in Multiple Myeloma  tion a SEARCH for Diabetes in Youth, Phase 3: Registry Study -  Regulation of Wingless (Wg) Signaling and Morphogen Regulation of Wingless (Wg) Signaling and Morphogen Grad Genomic Analysis of Pediatric SIRS and Septic Shock PPARgamma and PPARgamma agonists in septic shock Mechanisms of Endoderm Specification Along the A-P Axis Hox Regulation of Sensory Organ Development in Drosophil Alternative Macrophage Activation Limits Immunopathology  | Wake Forest University Boston University Medical Campus  |   | AR057106<br>AR057929<br>AR059679<br>ases Research Total<br>DP002709  | 93.846<br>93.846<br>93.846   | -<br>-<br>-<br>261,879.37<br>-   | 9,688.97<br>32,546.53<br>36,263.31<br><b>5,365,589.72</b>  | 9,688.97<br>32,546.53<br>36,263.31<br><b>5,627,469.09</b>  |
| Bio        |   | Responsiveness of Pediatric PROMIS Item Banks in Childre Gfi-1 and Osteoblast Suppression in Multiple Myeloma  tion a SEARCH for Diabetes in Youth, Phase 3: Registry Study -  Regulation of Wingless (Wg) Signaling and Morphogen Regulation of Wingless (Wg) Signaling and Morphogen Grad Genomic Analysis of Pediatric SIRS and Septic Shock PPARgamma and PPARgamma aponists in septic shock Mechanisms of Endoderm Specification Along the A-P Axis Hox Regulation of Sensory Organ Development in Drosophil Alternative Macrophage Activation Limits Immunopathology   | Boston University Medical Campus   |   | AR057929<br>AR059679<br>ases Research Total<br>DP002709  | 93.846<br>93.846   | 261,879.37<br>-  | 32,546.53<br>36,263.31<br><b>5,365,589.72</b>  | 32,546.53<br>36,263.31<br><b>5,627,469.09</b>  |
| Bio        |   | Gfi-1 and Osteoblast Suppression in Multiple Myeloma  tion a SEARCH for Diabetes in Youth, Phase 3: Registry Study -  Regulation of Wingless (Wg) Signaling and Morphogen Regulation of Wingless (Wg) Signaling and Morphogen Grad Genomic Analysis of Pediatric SIRS and Septic Shock PPARgamma and PPARgamma agonists in septic shock Mechanisms of Endoderm Specification Along the A-P Axis Hox Regulation of Sensory Organ Development in Drosophil Alternative Macrophage Activation Limits Immunopathology  |  |   | AR059679<br>ases Research Total<br>DP002709  | 93.846   | 261,879.37<br>-  | 36,263.31<br><b>5,365,589.72</b>   | 36,263.31<br><b>5,627,469.09</b>   |
| Bio        |   | Regulation of Wingless (Wg) Signaling and Morphogen Regulation of Wingless (Wg) Signaling and Morphogen Grad Genomic Analysis of Pediatric SIRS and Septic Shock PPARgamma and PPARgamma agonists in septic shock Mechanisms of Endoderm Specification Along the A-P Avis Hox Regulation of Sensory Organ Development in Drosophil Alternative Macrophage Activation Limits Immunopathology  | , v  |   | DP002709   | 93.945   | 261,879.37<br>-  |  |  |
| Bio        |   | Regulation of Wingless (Wg) Signaling and Morphogen Regulation of Wingless (Wg) Signaling and Morphogen Grad Genomic Analysis of Pediatric SIRS and Septic Shock PPARgamma and PPARgamma aponists in septic shock Mechanisms of Endoderm Specification Along the A-P Axis Hox Regulation of Sensory Organ Development in Drosophil Alternative Macrophage Activation Limits Immunopathology  |  | Assistance Programs for Chronic Dis. P  |  | 93.945   | -  | 687,139.31   | 687,139.31   |
| Bio        |   | Regulation of Wingless (Wg) Signaling and Morphogen Regulation of Wingless (Wg) Signaling and Morphogen Grad Genomic Analysis of Pediatric SIRS and Septic Shock PPARgamma and PPARgamma aponists in septic shock Mechanisms of Endoderm Specification Along the A-P Axis Hox Regulation of Sensory Organ Development in Drosophil Alternative Macrophage Activation Limits Immunopathology  |  | Assistance Programs for Chronic Dis. P  |  | 93.945   | -  | 687,139.31   | 687,139.31   |
|            | Biomedical Research and Research Training   | Regulation of Wingless (Wg) Signaling and Morphogen Grad<br>Genomic Analysis of Pediatric SIRS and Septic Shock<br>PPARgamma and PPARgamma agonists in septic shock<br>Mechanisms of Endoderm Specification Along the A-P Axis<br>Hox Regulation of Sensory Organ Development in Drosophil<br>Alternative Macrophage Activation Limits Immunopathology   |  | Assistance Programs for Chronic Dis. P  | revent. & Control Total  |  |  | 007 400 04   |  |
|            | Biomedical Research and Research Training   | Regulation of Wingless (Wg) Signaling and Morphogen Grad<br>Genomic Analysis of Pediatric SIRS and Septic Shock<br>PPARgamma and PPARgamma agonists in septic shock<br>Mechanisms of Endoderm Specification Along the A-P Axis<br>Hox Regulation of Sensory Organ Development in Drosophil<br>Alternative Macrophage Activation Limits Immunopathology   |  |   |  |  | -  | 687,139.31   | 687,139.31   |
|            | · ·   | Regulation of Wingless (Wg) Signaling and Morphogen Grad<br>Genomic Analysis of Pediatric SIRS and Septic Shock<br>PPARgamma and PPARgamma agonists in septic shock<br>Mechanisms of Endoderm Specification Along the A-P Axis<br>Hox Regulation of Sensory Organ Development in Drosophil<br>Alternative Macrophage Activation Limits Immunopathology   |  |   | GM063891   | 93.859   | -  | 17,095.75  | 17,095.75  |
| Bio        |   | PPARgamma and PPARgamma agonists in septic shock<br>Mechanisms of Endoderm Specification Along the A-P Axis<br>Hox Regulation of Sensory Organ Development in Drosophil<br>Alternative Macrophage Activation Limits Immunopathology  |  |   | GM063891   | 93.859   | -  | 26,898.46  | 26,898.46  |
| Віс        |   | Mechanisms of Endoderm Specification Along the A-P Axis<br>Hox Regulation of Sensory Organ Development in Drosophil<br>Alternative Macrophage Activation Limits Immunopathology  |  |   | GM064619   | 93.859   |  | (46,872.26)  | (46,872.26)  |
| Ble        |   | Hox Regulation of Sensory Organ Development in Drosophil<br>Alternative Macrophage Activation Limits Immunopathology   |  | Medical University South Carolina   | GM067202<br>GM072915   | 93.859<br>93.859   | 85,989.10  | 269,169.13<br>40,570.85  | 355,158.23<br>40,570.85  |
| Blo        |   | Alternative Macrophage Activation Limits Immunopathology   |  |   | GM072913<br>GM079428   | 93.859   | -  | 288,300.88   | 288,300.88   |
| Bio        |   | Whits interacting with Whits: mechanism and biological sig   |  |   | GM083204   | 93.859   | -  | 183,714.11   | 183,714.11   |
| Bic        |   |  |  |   | GM084951   | 93.859   | -  | 112,387.17   | 112,387.17   |
| Blo        |   | Interferon - Mediated Reprogramming of Toll-Like Recepto   |  |   | GM085063<br>GM087374   | 93.859   | -  | 332,867.74   | 332,867.74<br>267,138.99   |
| Віс        |   | Fundamental mechanisms of protein kinase activation loop<br>Roles of Retromer Complex in Development   |  |   | GM087374<br>GM087517   | 93.859<br>93.859   | -  | 267,138.99<br>357,937.07   | 267,138.99<br>357,937.07   |
| Віс        |   | PPAR gamma in pediatric sepsis and the inflammatory resp   |  |   | GM093135   | 93.859   | -  | 144,845.31   | 144,845.31   |
| Bio        |   | MMP-8 as a novel therapeutic target in sepsis  |  |   | GM096994   | 93.859   | -  | 217,151.74   | 217,151.74   |
| Blo        |   | DNA Damage Response Pathways in Mieotic Sex Chromosome   | e  |   | GM098605   | 93.859   | -  | 207,707.58   | 207,707.58   |
| Віс        |   | Novel Mechanisms of Regenerative Fetal Wound Repair by I<br>Role of Eicosanoids in Shock   | Medical University of South Carolina   |   | GM098831<br>GM027673   | 93.859<br>93.859   | -  | 101,863.43<br>38,834.36  | 101,863.43<br>38,834.36  |
| Blo        |   | Optimization of Structures and Networks of Proteins  | University of Texas at Austin  |   | GM067823   | 93.859   |  | 20.49  | 20.49  |
| Bio        |   |  |  | Biomedical Research and Research Train  |  |  | 85,989.10  | 2,559,630.80   | 2,645,619.90   |
| Div        | Rigad Diseases and Resources Research   | Comprehensive Sickle Cell Center   |  | University of Cincinnati  | HL070871   | 02 020   | 53,507.69  | 924,294.76   | 977,802.45   |
|            | Blood Diseases and Resources Research   | Role of FA proteins in hematopoiesis   |  | University of Cincinnati  | HL076712   | 93.839<br>93.839   | 53,507.69  | 312,646.63   | 312,646.63   |
|            |   | Molecular Mechanism of Severe Congenital Neutropenia   |  |   | HL079574   | 93.839   | -  | 9,796.67   | 9,796.67   |
|            |   | Role of Placenta Growth Factor in Sickle ACS   |  |   | HL079916   | 93.839   | -  | (15,366.87)  | (15,366.87)  |
|            |   | Function and Regulation of FANCM in Fanconi Anemia   |  |   | HL084082   | 93.839   | -  | 490,434.54   | 490,434.54   |
|            |   | Hemostatic Factors as Determinants of Bacterial Virulenc<br>Cell Type and Stimulus-Specific Signaling Role of CDC42  |  |   | HL085357<br>HL085362   | 93.839<br>93.839   | -  | 68,304.74<br>184,647.78  | 68,304.74<br>184,647.78  |
|            |   | Mechanisms Linking Metastasis to Tumor Procoagulant and  |  |   | HL085545   | 93.839   | -  | 236,105.59   | 236,105.59   |
|            |   | FANCD2 Monoubiquitination in DNA Damage Responses  |  |   | HL085587   | 93.839   | -  | 381,357.04   | 381,357.04   |
|            |   | Rac GTPase Inhibition in Chronic Myelogenous Leukemia  |  |   | HL087159   | 93.839   | -  | 398,452.89   | 398,452.89   |
|            |   | Rac1 and Rac2 Guanosine Triphosphatases in Erythroid   |  |   | HL088126   | 93.839   | -  | 117,649.22   | 117,649.22   |
|            |   | An Animal Model of Hemophagocytic Lymphohistiocytosis<br>Training Program in Pediatric Hematologic and Oncologic   |  |   | HL091769<br>HL091805   | 93.839<br>93.839   | -  | 373,769.45<br>214,625.51   | 373,769.45<br>214,625.51   |
|            |   | Thrombin-mediated proteolysis in neuroinflammatory   |  |   | HL096126   | 93.839   | -  | 413,201.38   | 413,201.38   |
|            |   | Mechanisms Linking Hemostatic Factors to Neuroinflammato   |  |   | HL105672   | 93.839   | -  | 114,007.98   | 114,007.98   |
|            |   | Histiocyte Society Annual Meeting to be Held in Boston   |  |   | HL106925   | 93.839   |  | 10,000.00  | 10,000.00  |
|            |   | Fanconi Anemia as a Model for Susceptibility to Human Pa   |  | University of Minnesota   | HL108102   | 93.839   | 1,961.29   | 228,235.81   | 241,928.78   |
|            |   | Patient-Provider Interventions to Improve Transition to  |  | Indiana University  | HL108720   | 93.839   | 11,731.68  | 262,069.80   | 262,069.80   |
|            |   | Identification and characterization of genes in del(5q)  |  |   | HL111103   | 93.839   | -  | 231,105.62   | 231,105.62   |
|            |   | Hemostatic factors and sickle cell disease   |  |   | HL112603   | 93.839   | -  | 144,046.04   | 144,046.04   |
|            |   | TWITCH   | Baylor College of Medicine   |   | HL095647   | 93.839   | -  | 41,047.01  | 41,047.01  |
|            |   | Development of Safe and Efficient Gene Therapy Strategie   | St Jude's Children's Hospital<br>Fred Hutchinson Cancer Research Center  |   | HL095647<br>HL098489   | 93.839<br>93.839   | -  | (523.69)<br>62,922.47  | (523.69)<br>62,922.47  |
|            |   | Improving Stem Cell Mobilization by the EGFR Inhibitor E   | P2D Bioscience   |   | HL108403   | 93.839   | _  | 2,111.65   | 2,111.65   |
|            |   | PLGF-HIF1a-miR Axis in Sickle Pulmonary Hypertension   | University of Southern California  |   | HL111372   | 93.839   | -  | 56,018.76  | 56,018.76  |
|            |   |  |  | Blood Diseases and Resources Research   | h Total  | •  | 67,200.66  | 5,260,960.78   | 5,328,161.44   |
| Ca         | Cancer Biology Research   | Ras, Cycling and Inhibition  |  |   | CA115611   | 93.396   | -  | 19,703.40  | 19,703.40  |
|            |   | Schwann Cells in Neurofibromatosis Type 2 (NF2)  |  |   | CA118032   | 93.396   | -  | 219,548.41   | 219,548.41   |
|            |   | The Role of CBFb-MYH11 in Acute Myeloid Leukemia   |  |   | CA118319   | 93.396   | -  | 165,396.37   | 165,396.37   |
|            |   | Rac GTPases as Targets in Lymphomagenesis  |  |   | CA125658   | 93.396   | -  | 138,739.33   | 138,739.33   |
|            |   | Activating robust immunity to tumor-associated antigens:<br>Rac GTPase-Specific Small Molecular Inhibitors   |  | University of Cincinnati  | CA138617<br>CA141341   | 93.396<br>93.396   | 13,765.00  | 327,035.51<br>158,561.74   | 327,035.51<br>172,326.74   |
|            |   | Epigenetic manipulation of Leukemia  |  | Oniversity of Ontennian   | CA142601   | 93.396   | -  | 9,067.46   | 9,067.46   |
|            |   | Role of Foxm1 in Lung Cancer Microenvironment  |  |   | CA142724   | 93.396   | -  | 262,145.26   | 262,145.26   |
|            |   | Targeting Cdc42 in Leukemia Stem Cells   |  |   | CA150547   | 93.396   | -  | 303,502.66   | 303,502.66   |
|            | MicroRNA in Acute Myeloid Leukemia<br>Hypoxia and Potassium Channel Activity in T Lymph<br>Antileukemic Effect of NK Cells in HCT for Pediatric |  | University of Cincinnati   |   | CA159845<br>CA095286   | 93.396<br>93.396   | -  | 232,404.69<br>30,270.36  | 232,404.69<br>30,270.36  |
|            |   | Antileukemic Effect of NK Cells in HCT for Pediatric AML   | St Jude's Children's Hospital  |   | CA120583   | 93.396   | -  | 12,932.16  | 12,932.16  |
|            |   | Macrophages and Tumor Angiogenesis   | Albert Einstein College of Medicine  |   | CA131270   | 93.396   | -  | 139,148.08   | 139,148.08   |
|            |   |  |  | Cancer Biology Research Total   |  |  | 13,765.00  | 2,018,455.43   | 2,032,220.43   |
| Ca         |   | Fanconi Anemia and HPV Transformation  |  |   | CA102357   | 93.393   | -  | 448,269.41   | 448,269.41   |
|            | Cancer Cause and Prevention Research  | A Molecular Basis for Neuroendocrine Carcinogenesis  |  |   | CA112405   | 93.393   | -  | 61,805.69  | 61,805.69  |
|            | Cancer Cause and Prevention Research  | Role and Regulation of the Human DEK Proto-Oncogene  |  |   | CA116316   | 93.393   | -  | 108,088.49   | 108,088.49   |
|            | Cancer Cause and Prevention Research  | Sphinx: a new cause of hepatic neoplasia   |  | University of Vt  | CA133649   | 93.393   | 40.400.11  | (2,345.20)   | (2,345.20)   |
|            | Cancer Cause and Prevention Research  | Empirical Bayes Analysis of Quantile Regression Model<br>Mahabee-Gitten's Reduce Youth Smoking R03   |  | University of Kentucky  | CA133944<br>CA142099   | 93.393<br>93.393   | 16,429.14  | 7,371.92<br>4,412.32   | 23,801.06<br>4,412.32  |
|            | Cancer Cause and Prevention Research  | The role of ATOH1 as a tumor supressor in colorectal can   |  |   | CA142099<br>CA142826   | 93.393   | -  | 4,412.32<br>264,712.49   | 264,712.49   |
|            | Cancer Cause and Prevention Research  | Mechanisms of RET/PTC Rearrangement in Thyroid Cancer  | University of Pittsburgh   |   | CA088041   | 93.393   | -  | 6,703.63   | 6,703.63   |
|            | Cancer Cause and Prevention Research  | Neurobehavioral Late Effects in Pediatric Brain Tumors   | Baylor College of Medicine   |   | CA112182   | 93.393   | -  | 63,942.33  | 63,942.33  |
|            | Cancer Cause and Prevention Research  |  |  |   |  |  |  |  |  |
|            | Cancer Cause and Prevention Research  | Molecular Epidemiology of Pediatric Germ Cell Tumors   | University of Minnesota  | Cancer Cause and Prevention Research  | CA151284   | 93.393   | 16,429.14  | 16,914.68<br>979,875.76  | 16,914.68<br>996,304.90  |

| Agency | Gov Branch                                      | Award Title  | Pass-Through Grantor  | Subrecipient Name                                      | Federal Grant<br>Number                 | CFDA             | Sub Exp                | Fed Exp                       | Total Exp                 |
|--------|---|--|---|--|---|------------------|------------------------|-------------------------------|---------------------------|
|        | Cancer Detection and Diagnosis Research         | MR-Image Guided Focused Ultrasound for Treatment of Live   | Stanford University   | Cancer Detection and Diagnosis Research                | CA121163<br>Total                       | 93.394           | -                      | 82,227.99<br><b>82,227.99</b> | 82,227.9<br>82,227.9      |
|        | Cancer Research Manpower                        | The Ron Receptor Tyrosine Kinase In Hepatic Tumorigenesi   |   |  | CA111819                                | 93.398           | _                      | 17,025.72                     | 17,025.7                  |
|        |   | Improving Parent/Adolescent Communication about Tobacco  |   |  | CA117864                                | 93.398           | -                      | 10,874.77                     | 10,874.7                  |
|        |   | Molecular Pathogenesis of MLL-Fusion Gene Leukemia   |   |  | CA122191                                | 93.398           | -                      | 131,957.69                    | 131,957.6                 |
|        |   | The role of DEK in the differentiation-dependent HPV li  |   |  | CA138115                                | 93.398           | -                      | 290.53                        | 290.5                     |
|        |   | The role of DEK in breast cancer development and therapy<br>Exploring a Cessation Intervention for Low Income Smoker |   |  | CA139931<br>CA163747                    | 93.398<br>93.398 | -                      | 12,767.83<br>154,141.82       | 12,767.8<br>154,141.8     |
|        |   | Regulation of Cellular Growth and Differentiation  | University of Cincinnati                                      |  | CA163747<br>CA059268                    | 93.398           | -                      | 61,982.40                     | 61,982.4                  |
|        |   | Training Program in Cancer Therapeutics  | University of Cincinnati                                      |  | CA117846                                | 93.398           | -                      | 92,706.99                     | 92,706.99                 |
|        |   |  |   | Cancer Research Manpower Total                         |   | _                | -                      | 481,747.75                    | 481,747.75                |
|        | Cancer Treatment Research                       | Oncolytic HSV Therapy in Immunocompetent Sarcoma Models<br>Promoting Treatment Adherence in Adolescent Leukemia      |   | Children's Hospital of Philadelphia                    | CA114004<br>CA119162                    | 93.395<br>93.395 | -<br>111,828.35        | (50,223.13)<br>215,550.94     | (50,223.1<br>496,882.4    |
|        |   | 9  |   | Dana Farber Cancer Institute                           |   |                  | 26,538.00              | ,                             | ,                         |
|        |   |  |   | University of Pittsburgh                               |   |                  | 55,360.91              |                               |                           |
|        |   |  |   | University of Texas Med Branch                         |   |                  | 87,604.23              |                               |                           |
|        |   | Nonadherence: Undermining health outcomes in pediatric H   |   |  | CA157460                                | 93.395           | -                      | 52,907.35                     | 52,907.3                  |
|        |   | Targeted Improvement in Stem Cell Therapy for Leukemia a<br>Childhood Cancer Survivor Study                          | St Jude's Children's Hospital                                 |  | CA157537<br>CA055727                    | 93.395<br>93.395 | -                      | 382,322.79<br>129,708.18      | 382,322.79<br>129,708.18  |
|        |   | The Pediatric Brain Tumor Consortium   | St Jude's Children's Hospital                                 |  | CA055727<br>CA081457                    | 93.395           | -                      | 11,110.45                     | 11,110.4                  |
|        |   | Children's Oncology Group Phase I - Study Chair ADVL1013   | National Childhood Cancer Foundation                          |  | CA097452                                | 93.395           |                        | 103,140.51                    | 103,140.5                 |
|        |   | Children's Oncology Chair Award Contract No. 021087  | National Childhood Cancer Foundation                          |  | CA098543                                | 93.395           | -                      | 234,352.65                    | 234,352.65                |
|        |   | HSCT-CHESS to Enhance Hematopoietic Transplant Recovery  |   |  | CA119196                                | 93.395           | -                      | (4,813.28)                    | (4,813.28                 |
|        |   | Adult Neurobehavioral Late Effects of Pediatric Low Grad   | Baylor College of Medicine                                    |  | CA132899                                | 93.395           | -                      | 16,250.83                     | 16,250.83                 |
|        |   | Acidic Phospholipid-Selective Treatment for Neuroblastom   | University of Cincinnati                                      |  | CA158372                                | 93.395           | -                      | 14,000.60                     | 14,000.60                 |
|        |   |  |   | Cancer Treatment Research Total                        |   | _                | 281,331.49             | 1,104,307.89                  | 1,385,639.38              |
|        | Cardiovascular Diseases Research                | Molecular pathways controling cardiac gene expression  |   |  | HL060562                                | 93.837           | -                      | 273,791.30                    | 273,791.30                |
|        |   | Cardiac hypertrophic intracellular signaling pathways Genetic Mechanisms of Cardiac Disease in the Young             |   |  | HL062927                                | 93.837           | -                      | 412,444.66                    | 412,444.66                |
|        |   |  |   | University of Cincinnati                               | HL069712<br>HL069779                    | 93.837<br>93.837 | 167,055.76             | 47,443.11<br>1,449,123.34     | 47,443.11<br>1,616,179.10 |
|        |   | Signaling processes underlying cardiovascular function<br>Mech of Vascular Dysfunction in Obesity & the Metabolic    |   | Oniversity of Ciricinnati                              | HL080447                                | 93.837           | 167,055.76             | (2,478.92)                    | (2,478.92                 |
|        |   | Twist 1 regulation of valve progenitors  |   |  | HL082716                                | 93.837           | -                      | 475,801.70                    | 475,801.70                |
|        |   | Preoperative Therapy for Prevention of Postoperative Low   |   |  | HL085057                                | 93.837           | -                      | 31,455.26                     | 31,455.26                 |
|        |   | Genetic & Developmental Basis of Pediatric Aortic Valve  |   |  | HL085122                                | 93.837           | -                      | (37,361.33)                   | (37,361.33                |
|        |   | Pediatric Cardiomyopathy Specimen Repository   |   | University of Miami<br>New England Research Institutes | HL087000                                | 93.837           | 21,013.28<br>45,928.53 | 124,680.96                    | 191,622.77                |
|        |   | The Influence of Child Care Center Envir on Physical Act   |   | New England Research Institutes                        | HL088053                                | 93.837           | 40,920.00              | 127,626.12                    | 127,626.12                |
|        |   | Role of the embryonic node for cardiac development and c   |   |  | HL088639                                | 93.837           | _                      | 308,969.70                    | 308,969.70                |
|        |   | Developing an In Vivo Adherence Intervention   |   |  | HL089524                                | 93.837           | -                      | (33,319.68)                   | (33,319.68                |
|        |   | Elucidation of molecular networks required to limit card   |   |  | HL091126                                | 93.837           | -                      | 279,894.05                    | 279,894.05                |
|        |   | Cardiovascular Effects of Dietary Fat & Exercise Challen   |   |  | HL091174                                | 93.837           | -                      | 176,844.73                    | 176,844.73                |
|        |   | Novel Model of Adult Epithelial Stem Cell Expansion  |   |  | HL093706                                | 93.837           | -                      | 746.40                        | 746.40                    |
|        |   | Wnt signaling in heart valve development and disease   |   |  | HL094319                                | 93.837           | -                      | 83,839.94                     | 83,839.94                 |
|        |   | The non-hypertrophic role of calcineurin in regulating c<br>Role of IP-3 Mediated Calcium Release in Cardiac Hypertr |   |  | HL095353<br>HL097186                    | 93.837<br>93.837 | -                      | 13,591.62<br>204,308.82       | 13,591.62<br>204,308.82   |
|        |   | Regulation of Cardiac Gene Expression by the L-type Calc   |   |  | HL097551                                | 93.837           | -                      | 16,899.41                     | 16,899.41                 |
|        |   | Role of Rb/p16 Pathway in Pulmonary Progenitor Cell Regu   |   | University of Cincinnati                               | HL097609                                | 93.837           | 22,114.43              | -                             | 22,114.43                 |
|        |   | Hypoplastic Left Heart Syndrome: Rheumatic Heart Disease   |   | University of Oklahoma                                 | HL098634                                | 93.837           | 20,125.00              | 815.98                        | 20,940.98                 |
|        |   | Role of Chromatin and Gene Poising ni T Cell Differentia   |   |  | HL098691                                | 93.837           | -                      | 216,354.28                    | 216,354.28                |
|        |   | Cardiac Structure and Function in Early Familial Cardiom   |   |  | HL102244                                | 93.837           | -                      | 165,125.35                    | 165,125.35                |
|        |   | Myocardial Protection during Fetal Bypass: Role of Calci   |   |  | HL103054                                | 93.837           | -                      | 87,452.80                     | 87,452.80                 |
|        |   | Regulation of Foxp3 Expression by DNA Methylation in Mol   |   |  | HL103087                                | 93.837           | -                      | 43,609.28                     | 43,609.28                 |
|        |   | Admixture Mapping in African Amerian Asthmatic Children<br>Regulation of Hematopoietic Stem Cell Self Renewal        |   |  | HL103165<br>HL104458                    | 93.837<br>93.837 | -                      | 153,362.32<br>213,696.75      | 153,362.32<br>213,696.75  |
|        |   | Better mouse models of disease: Humanizing experimental  |   |  | HL113907                                | 93.837           | -                      | 7,489.04                      | 7,489.04                  |
|        |   | miR-21 in the Pathogenesis of Asthma   |   | University of Cincinnati                               | HL104892                                | 93.837           | 29,802.00              | 7,406.11                      | 37,208.11                 |
|        |   | National Biological Sample and Data Repository for PAH   |   | •  | HL105333                                | 93.837           | -                      | 91,129.31                     | 91,129.31                 |
|        |   | Accelerated CV Aging in Youth Related to CV Risk Factor  |   |  | HL105591                                | 93.837           | -                      | 535,205.89                    | 535,205.89                |
|        |   | Thrombospondin 4 regulates adaptive ER stress response   |   |  | HL105924                                | 93.837           | -                      | 427,316.42                    | 427,316.42                |
|        |   | Macrophage-based Human Gene Therapy for Hereditary PAP<br>Molecular Mechanisms of Arterial-Venous Differentiation    |   |  | HL106134<br>HL107369                    | 93.837<br>93.837 | -                      | 245,616.04<br>350,499.14      | 245,616.04<br>350,499.14  |
|        |   | Hybrid ImmunoTherapy (ATG/Dexamethasone/Etoposide) for H   |   |  | HL107801                                | 93.837           | -                      | 8,697.30                      | 8,697.30                  |
|        |   | Ameliorating Sickle Nephropathy and Pulmonary Hypertensi   |   | University of Cincinnati                               | HL108752                                | 93.837           | 4,679.07               | 91,709.89                     | 96,388.96                 |
|        |   | A Mouse model of Barth syndrome, a mitochondrial cardiol   |   | •  | HL108867                                | 93.837           | -                      | 347,648.82                    | 347,648.82                |
|        |   | Pediatric Heart Network Prairieland Consortium   |   | Indiana University                                     | HL109673                                | 93.837           | 86,331.79              | 223,668.42                    | 310,000.21                |
|        |   | The Role of Impaired Protein Degradation Pathways in Cry   |   |  | HL112558                                | 93.837           | -                      | 36,520.89                     | 36,520.89                 |
|        |   | Training in Cardiovascular Biology   | University of Cincinnati                                      |  | HL007382                                | 93.837           | -                      | 13,025.36                     | 13,025.36                 |
|        |   | Cardiac Myosin Binding Protein-C: Structure, Function Genetic And Molecular Signaling In Heart Failure               | University of Vermont University of Cincinnati                |  | HL059408<br>HL077101                    | 93.837<br>93.837 | -                      | 562,950.77<br>(1,496.07)      | 562,950.77<br>(1,496.07   |
|        |   | Ca Signaling Domains Programming Cardiac Hypertrophy   | University of California                                      |  | HL080101                                | 93.837           | -                      | 425,940.04                    | 425,940.04                |
|        |   | Modifying Dietary Behavior in Adolescents with Elevated  | University of Cincinnati                                      |  | HL088567                                | 93.837           | _                      | 52,957.00                     | 52,957.00                 |
|        |   | Calcium as a Molecular Signal in the Heart   | Temple University School of Medicine                          |  | HL089312                                | 93.837           | _                      | 348,047.65                    | 348,047.65                |
|        |   | Therapeutic Hypothermia after Pediatric Cardiac Arrest   | University of Michigan  |  | HL094345                                | 93.837           | -                      | 21,777.35                     | 21,777.35                 |
|        |   | Understanding Mechanisms of Fontan Failure and Key Predi   | Georgia Tech Research Corp                                    |  | HL098252                                | 93.837           | -                      | 20,229.88                     | 20,229.88                 |
|        |   | Hypoplastic Left Heart Syndrome: Expression of RHD in th<br>Cincinnati Cell Characterization Core                    | Washington University University of Maryland                  | University of Cincinnati                               | HL098634<br>HL099997                    | 93.837<br>93.837 | 51,743.20              | 54,925.67<br>450,555.19       | 54,925.67<br>557,250.39   |
|        |   | Ciricilitati Celi Cilaracterization Core   | Offiversity of Maryland                                       | Indiana University                                     | HE099997                                | 93.037           | 54,952.00              | 450,555.19                    | 557,250.39                |
|        |   | The Molecular Basis for High Density Lipoprotein Heterog   | University of Cincinnati                                      | •  | HL104136                                | 93.837           | -                      | 67,253.41                     | 67,253.41                 |
|        |   |  |   | Cardiovascular Diseases Research Total                 |   |                  | 503,745.06             | 9,223,791.47                  | 9,727,536.53              |
|        | Centers for Disease Control and Prevention_Inve | stigati National Spina Bifida Registry Longitudinal Data Collect   |   |  | DD000766                                | 93.283           | -                      | 36,125.80                     | 36,125.80                 |
|        |   | SEARCH for Diabetes in Youth2: Ohio Site   |   |  | DP000248                                | 93.283           | -                      | 0.04                          | 0.04                      |
|        |   | Hemophilia Prevention Network Myositis Registry  | Hemophilia Foundation of Michigan<br>The Myositis Association |  | DD000862<br>DP001743                    | 93.283<br>93.283 | -                      | 8,948.94<br>14,277.68         | 8,948.94<br>14,277.68     |
|        |   | Myosius Registry   | THE MYOSHIS ASSOCIATION                                       | Centers for Disease Control and Prevention             |   |                  |                        | 14,277.00                     | 14,277.00                 |
|        |   |  |   | Assistance Total                                       | _ • · · · · · · · · · · · · · · · · · · |                  | -                      | 59,352.46                     | 59,352.46                 |
|        | Child Abuse and Neglect State Grants            | ODJFS "Beyond the Silence" "PSANE" training and Tech Sup   |   |  | G-1011-06-0589                          | 93.669           | -                      | 91,167.51                     | 91,167.51                 |
|        |   | Ohio Department of Job and Family Services Grant Agreeme   | Ohio Depart of Jobs and Family Services                       |  | G-1213-0600128                          | 93.669           |                        | 31,833.76                     | 31,833.76                 |

| Gov Agency | Gov Branch                                       | Award Title   | Pass-Through Grantor  | Subrecipient Name   | Federal Grant<br>Number  | CFDA   | Sub Exp  | Fed Exp  | Total Exp  |
|------------|--|---|---|---|--|--|--|--|--|
|            | Child Health and Human Development Extramural    | l Resı Pediatric Physician Scientist Program Award  |   | Children's Hospital Boston Children's Hospital of Philadelphia Duke University Indiana University University of Toronto University of Texas Southwestern University of California University of Colorado University of Michigan University of Michigan University of Michigan University of Pittsburgh University of Texas Southwestern University of Texas Southwestern University of Washington Washington University Yale University | HD000850   | 93.865   | 252,256,45<br>331,361,26<br>153,196,05<br>68,360,87<br>25,000,00<br>11,070,27<br>480,777,55<br>57,310,17<br>22,470,70<br>83,744,92<br>97,368,61<br>79,930,09<br>151,171,59<br>242,528,98<br>155,430,05 | (178,614.22)   | 2,033,363.34   |
|            |  | Genetic Influence on Cognitive and Behavioral Recovery a<br>Training In Developmental And Perinatal Endocrinology<br>Aspects of Blastocyst Implantation<br>Neonatal Resuscitation and Preterm Lung Injury   |   | University of Cincinnati  | HD001097<br>HD007463<br>HD012304<br>HD012714                                     | 93.865<br>93.865<br>93.865<br>93.865                               | 22,874.40  | 113,342.88<br>66,531.35<br>68,513.23<br>2,649.42   | 113,342.88<br>89,405.75<br>68,513.23<br>2,649.42   |
|            |  | The Role of Human Milk in Infant Nutrition and Health   |   | Boston College<br>Inst Nac Ciencias Med Y Nutricion<br>University of Cincinnati   | HD013021   | 93.865   | 414,905.84<br>163,592.45<br>14,252.10  | 553,372.26   | 1,146,122.65   |
|            |  | Eunice Kennedy Schriver NICHID cooperative Multicenter Ne<br>Pediatric Center for Gene Expression and Development<br>CHIMC Clinical Pharmacology Research Unit<br>MIRI of Normal Language Development in Children<br>Long Term Functional Outcomes Following Early Childhood  |   | Case Western Reserve University   | HD027853<br>HD028827<br>HD037249<br>HD038578<br>HD042729                         | 93.865<br>93.865<br>93.865<br>93.865<br>93.865                     | -<br>-<br>-<br>-<br>96,759.54  | 305,093.55<br>238,184.26<br>(643.23)<br>57,647.38<br>294,374.06                            | 305,093.55<br>238,184.26<br>(643.23)<br>57,647.38<br>590,316.66                            |
|            |  | Cadherin-based Actin Assembly in the Xenopus Embryo<br>Ectoderm Formation in the Early Xenopus Embryo   |   | Nationwide Childrens Hospital   | HD044764<br>HD045737   | 93.865<br>93.865   | 199,183.06   | 336,855.31<br>316,074.91   | 336,855.31<br>316,074.91   |
|            |  | Training Program in Organogenesis Towards Improved Clinical Trials in Cerebral Palsy Optimizing MNF Therapy in Pediatric Transplants Patients Contribution of the Extracellular Matrix to Muscle Contr Improving STI results notification and partner services Preventing Teen Pregnancy  |   |   | HD046387<br>HD049552<br>HD050387<br>HD050827<br>HD051953<br>HD052533             | 93.865<br>93.865<br>93.865<br>93.865<br>93.865<br>93.865           | -<br>-<br>-<br>-   | 1,175.51<br>19,896.55<br>1,346.52<br>7,318.89<br>106,758.75<br>340,433.24                  | 1,175.51<br>19,896.55<br>1,346.52<br>7,318.89<br>106,758.75<br>340,433.24                  |
|            |  | Social Competence With Peers Following Early Childhood T<br>Novel Adherence Measurement and Intervention in Children<br>Mechanisms of Fetal Inflammatory Response Syndrome Induc<br>Novel genetic and salivary glycan biomarkers for risk of  |   | University of Western Australia<br>Boston College<br>Miami University<br>University of Alabama at Birminoham  | HD055218<br>HD057333<br>HD057869<br>HD059140                                     | 93.865<br>93.865<br>93.865<br>93.865                               | 95,862.99<br>233,685.10<br>13,056.28<br>19,904.90  | (2,316.07)<br>131,907.94<br>207,097.32<br>504,365.18                                       | (2,316.07)<br>131,907.94<br>302,960.31<br>771,011.46                                       |
|            |  | Aging in Adults With Down Syndrome<br>20-year intergenerational longitudinal followup of femal<br>Parental Adherence to CF Homecare: Research Chaplaincy C<br>Xenbase: a Xenopus Model Organism Database<br>Transcriptional Control of Human Placental Differentiati  |   | University of Calgary   | HD059848<br>HD060604<br>HD062642<br>HD064556<br>HD065339                         | 93.865<br>93.865<br>93.865<br>93.865<br>93.865                     | 36,276.80<br>-<br>-<br>260,658.90  | (4,870.41)<br>53,174.21<br>118,820.48<br>483,601.61<br>403,502.60                          | 31,406.39<br>53,174.21<br>118,820.48<br>744,260.51<br>403,502.60                           |
|            |  | Injury Prevention in a Home Visitation Population Telehealth Enhancement of Adherence to Medication in Ped  |   | Connecticut Childrens Med. Center<br>Nationwide Children's Hosp<br>University of Cincinnati   | HD066115<br>HD067174   | 93.865<br>93.865   | 18,848.93<br>17,601.52<br>9,142.42   | 582,197.29<br>300,082.99   | 582,197.29<br>345,675.86   |
|            |  | Using SNA to Examine the Long-Term Outcomes of Socially<br>Molecular signaling in uterine receptivity to implantal<br>Cincinnati Training Program in Pediatric Clinical and De<br>ATN Coordinating Center<br>Understanding Social Status Impact on Adolescent Health<br>Novel Amniotic Fluid Biomarkers to Predict Fetal Lung Ma<br>Genome Wide Association Study of Bone Mineral Accretion | University of Alabama-Birmingham<br>Massachusetts General Hospital<br>University of Cincinnati<br>Children's Hospital of Philadelphia   |   | HD068315<br>HD068524<br>HD069054<br>HD040533<br>HD041527<br>HD051953<br>HD058886 | 93.865<br>93.865<br>93.865<br>93.865<br>93.865<br>93.865<br>93.865 |  | 14,433.49<br>143,655.67<br>101,706.92<br>88,300.83<br>113,798.84<br>83,608.66<br>20,773.63 | 14,433.49<br>143,655.67<br>101,706.92<br>88,300.83<br>113,798.84<br>83,608.66<br>20,773.63 |
|            |  | Reading ICARD: Interventions for Children with Attention<br>Clinical Decision Rules to Discriminate Bruising Caused<br>Hyaluronan Regulation of Microbial Host Defense<br>Sterol and Isoprenoid Diseases Rare Diseases Consortium<br>RNA Biosignatures in the Emergency Evaluation of Febrile<br>Inborn Errors of Metabolism Collaborative: Defining the                                    | Univ of Texas Hith Science Ctr-Houston<br>Children's Memorial Hospital<br>Cleveland Clin Lerner Col of Med of CWRU<br>Oregon Health Sciences University<br>Wayne State University<br>Michigan Public Health Institute |   | HD060617<br>HD060997<br>HD061918<br>HD061939<br>HD062477<br>HD069039             | 93.865<br>93.865<br>93.865<br>93.865<br>93.865<br>93.865           | -<br>-<br>-<br>-<br>-  | 475,414.19<br>93,412.90<br>41,568.13<br>23,870.09<br>35,606.54<br>51,943.48                | 475,414.19<br>93,412.90<br>41,568.13<br>23,870.09<br>35,606.54<br>51,943.48                |
|            |  | Production, Validation and Distribution of the Xenopus O  | University of Virginia  | Child Health & Human Development Extra  |  | 93.865   | 3,828,582.79   | 64,832.51<br>6,780,799.64  | 64,832.51<br>10,609,382.43   |
|            | Developmental Disabilities Basic Support and Adv | ocac Project SEARCH Ohio Disability Impact Study  | Ohio State University   | Dev. Disabilities Basic Support and Advoc   | 06-3/10<br>60030603<br>cacy Grants Total   | 93.630<br>93.630   | -<br>-<br>-  | 25,472.68<br>9,017.25<br><b>34,489.93</b>  | 25,472.68<br>9,017.25<br><b>34,489.93</b>  |
|            | Diabetes, Digestive, and Kidney Diseases Extram  | ural F Research Training in Pediatric Nephrology Pediatric Gastroenterology and Nutrition Training Grant Studies of Gaucher Disease: A Prototype Lipidosis Behavioral & Nutrition TX to Help CF Preschoolers Grow   |   | Case Western Reserve University   | DK007695<br>DK007727<br>DK036729<br>DK054915                                     | 93.847<br>93.847<br>93.847<br>93.847                               | -<br>-<br>-<br>47,449.02   | 137,909.12<br>443,294.01<br>467,296.06<br>267,416.89                                       | 137,909.12<br>443,294.01<br>467,296.06<br>369,235.25                                       |
|            |  | Behavioral Rx & Nutrition in Pediatric Chronic Disease<br>Behavioral Treatment for Dietary Adherence in Children<br>Development of the Metanephric Mesenchyme<br>Clinical Center for Cholestatic Liver Disease in<br>Research Training in Child Behavior and Nutrition<br>Immunologic Dystunction in Biliary Artresia   |   | Nationwide Childrens Hospital University of Michigan  The Hospital for Sick Children  | DK059492<br>DK059973<br>DK061916<br>DK062497<br>DK063929<br>DK064008             | 93.847<br>93.847<br>93.847<br>93.847<br>93.847<br>93.847           | 48,606.84<br>5,762.50<br>-<br>-<br>-<br>143,559.21<br>-  | 49,001.28<br>100,215.82<br>(132.45)<br>538,046.36<br>209,256.86<br>310,969.16              | 49,001.28<br>100,215.82<br>(132.45)<br>681,605.57<br>209,256.86<br>310,969.16              |
|            |  | Mechanistic Analysis of Eosinophilic Esophagitis.<br>Bacterial Survival in the Mammalian Urothelium<br>Intralumental Effect on Cholesterol Absorption/ Synthesi<br>Self-Management of Type 1 Diabetes During Adolescence  |   | University of Cincinnati<br>Nemours Children's Clinic<br>University of Miami  | DK067255<br>DK068359<br>DK068463<br>DK069486                                     | 93.847<br>93.847<br>93.847<br>93.847                               | 5,625.88<br>89,993.20<br>161,894.13  | 346,548.16<br>1,521.40<br>50,348.45<br>282,235.35  | 346,548.16<br>1,521.40<br>55,974.33<br>534,122.68  |
|            |  | Implications of the Ask1/Jnk Pathway in Arf<br>Murine Atlas of Genitourinary Smooth Muscle Development<br>Beta Cell Function in Adolescents with Type II Diabetes<br>Molecular Basis of Liver Development   |   | Vanderbilt University Medical Center  | DK069749<br>DK070219<br>DK070775<br>DK070858                                     | 93.847<br>93.847<br>93.847<br>93.847                               | 24,142.71  | (985.76)<br>(22,135.45)<br>13,967.21<br>233,061.62   | (985.76)<br>2,007.26<br>13,967.21<br>233,061.62  |

| псу | Gov Branch   | Award Title  | Pass-Through Grantor                                  | Subrecipient Name  | Federal Grant<br>Number | CFDA                       | Sub Exp  | Fed Exp                  | Total Exp              |
|-----|--|--|---|--|-------------------------|----------------------------|--|--------------------------|------------------------|
|     |  | Teen Longitudinal Assessment of Bariatric Surgery (Teen-   |   | Baylor College of Medicine. Nationwide Childrens Hospital University of Alabama at Birmingham University of Cincinnati University of Washington University of Washington | DK072493                | 93.847                     | 119,285.51<br>53,025.62<br>84,496.86<br>50,811.51<br>39,016.90<br>125,469.02 | 853,642.69               | 1,325,748.             |
|     |  | Depression in Children and Adolescents with Type 1 Diabe   |   | yg   | DK073340                | 93.847                     |  | (191.61)                 | (191.                  |
|     |  | Endothelial Progenitor Cell Biology in Type I Diabetes   |   |  | DK074055                | 93.847                     | -  | 9,980.08                 | 9,980.                 |
|     |  | IL-13 and Eosinophilic Esophagitis   |   |  | DK076893                | 93.847                     | -  | 348,923.14               | 348,923.               |
|     |  | Adioponectin and Cardiovascular Disease in the CKiD Chil   |   |  | DK076957<br>DK078179    | 93.847<br>93.847           | -  | (1,052.86)<br>260.928.25 | (1,052.                |
|     |  | Dissecting Dendritic Cell Function in Autoimmune Diabete Digestive Health Center, Bench to Beside Research in Ped    |   | University of Cincinnati   | DK078179<br>DK078392    | 93.847                     | 146,859.59   | 260,928.25<br>988,096.49 | 260,928.<br>1,134,956. |
|     |  | Biomarkers for Inflammatory Bowel Disease Behavior and T   |   | University of Ciricinnati  | DK078683                | 93.847                     | 140,009.09   | 588.967.74               | 588.967.               |
|     |  | Behavioral Treatment of Nonadherence in Pediatric Inflam   |   |  | DK079037                | 93.847                     |  | 113,777.36               | 113,777                |
|     |  | Adolescent Bariatrics: Controlled Longitudinal Study of  |   | Baylor College   | DK080020                | 93.847                     | 51,675.67  | 488,422.87               | 661,709                |
|     |  |  |   | Nationwide Childrens Hospital  |                         | 93.847                     | 29,255.23  |                          |                        |
|     |  |  |   | University of Alabama at Birmingham<br>University of Pennsylvania<br>University of Pittsburgh  |                         | 93.847<br>93.847<br>93.847 | 4,836.84<br>27,394.61<br>60,124.50   |                          |                        |
|     |  | Parenting & Control Among Young Children with T1 Diabete   |   | Oniversity of Philaburgh   | DK080102                | 93.847                     | 00,124.50  | 7,890.27                 | 7,890                  |
|     |  | Mammalian Foregut and Liver Development  |   |  | DK080823                | 93.847                     | -  | 364,394.22               | 364,394                |
|     |  | Bio Determinants of Steatohepatitis after Adol Baria Sur   |   |  | DK080888                | 93.847                     | -  | 192,324.51               | 192,324                |
|     |  | Control of Diabetes by Manipulation of Bc12 Family Membe   |   |  | DK081175                | 93.847                     | -  | 363,498.61               | 363,498                |
|     |  | DNA Damage and Response in the Bladder Microenvironment.   |   |  | DK081737                | 93.847                     | -  | 143,504.74               | 143,504                |
|     |  | CDC42GAP in Insulin Signaling in Hepatocytes Mast Cell-Mediated Intestinal Permeability                              |   |  | DK082108<br>DK082113    | 93.847<br>93.847           | -  | 13,697.99<br>(61.91)     | 13,697<br>(61          |
|     |  | Developmental Paradigms to Direct Human Endoderm   |   |  | DK082113<br>DK083202    | 93.847                     | -  | (2.802.90)               | (2.802                 |
|     |  | Mechanisms of Intestinal Stem Cell Expansion Following R   |   | University of Michigan   | DK083325                | 93.847                     | 75,111.11  | 215.756.44               | 290.867                |
|     |  | Biological Basis of Phenotypes & Clinical Outcomes in Bi   |   | 3.   | DK083781                | 93.847                     | -  | 362,073.92               | 362,073                |
|     |  | Primary biliary cirrhosis: Molecular genetics and microb   |   | University of Cincinnati   | DK084054                | 93.847                     | 6,765.30   | 288,591.11               | 295,356                |
|     |  | SPDEF in Intestinal Differentiation  |   |  | DK084167                | 93.847                     | -  | 2,304.78                 | 2,304                  |
|     |  | Role of Ileum in Reducing Obesity Related Comorbidities  |   |  | DK084310<br>DK087822    | 93.847                     | -  | 149,383.44               | 149,383                |
|     |  | Promoting Treatment Adherence in Pediatric Inflammatory<br>Intracellular Signaling Pathways and Virus Induced Bilia  |   |  | DK087822<br>DK087974    | 93.847<br>93.847           | -  | 80,788.22<br>77,426.95   | 80,788<br>77,426       |
|     |  | Efficacy of enteral glutamine in reducing bloodstream in   |   |  | DK087974<br>DK088027    | 93.847                     |  | 15.168.66                | 15.168                 |
|     |  | Cardiovascular Disease in Children with Chronic Kidney D   |   |  | DK090070                | 93.847                     | -  | 137,918.08               | 137,918                |
|     |  | Eosinophil:M2 Macrophage:CCL11 Axis in Experimental Coli   |   |  | DK090119                | 93.847                     | -  | 32,985.94                | 32,985                 |
|     |  | Predicting Response to Standardized Pediatric Colitis Th   |   |  | DK090804                | 93.847                     | -  | 41,682.00                | 41,682                 |
|     |  | Cincinnati Center for Excellence in Molecular Hematology   |   |  | DK090971                | 93.847                     | -  | 879,258.52               | 879,258                |
|     |  | Dendritic Cells in the Breaking of Peripheral Tolerance<br>CNS NFkappaB Regulation of Glucose Homeostasis            |   |  | DK090978<br>DK091077    | 93.847<br>93.847           | -  | 244,396.05<br>38,608.86  | 244,39<br>38,60        |
|     |  | Clinic and Home Family Based Behavioral Treatment for Ob   |   |  | DK091077<br>DK091251    | 93.847                     | -  | 35,606.66                | 315.85                 |
|     |  | Mechanisms of intestine development  |   |  | DK091415                | 93.847                     |  | 59.660.45                | 59,660                 |
|     |  | The Molecular Determinants of Virus Induced Biliary Atre   |   |  | DK091566                | 93.847                     | -  | 436,949.64               | 436,949                |
|     |  | KLF5 regulation of intestinal development and stem cell  |   |  | DK092306                | 93.847                     | -  | 335,736.30               | 335,736                |
|     |  | Social influence of family networks on T2D risk percepti   |   |  | DK095473                | 93.847                     | -  | 47,915.35                | 47,91                  |
|     |  | CRN in Non-Alcoholic Steatohepatitis (NASH CRN)<br>Chronic Kidney Disease in Children                                | Case Western University<br>Children's Mercy Hospital  |  | DK061732<br>DK066143    | 93.847<br>93.847           | -  | 109,625.45<br>64.584.25  | 109,629<br>64,584      |
|     |  | A Multi-Center Group to Study Acute Liver Failure in   | University of Pittsburgh                              |  | DK000143<br>DK072146    | 93.847                     | -  | 171.297.18               | 171.29                 |
|     |  | 3D growth of human pancreatic tissue from PSCs   | Vanderbilt University                                 |  | DK072473                | 93.847                     | _  | 224,433.16               | 224,43                 |
|     |  | Bone Health in Pediatric Crohn Disease: A Low Magnitude  | Children's Hospital of Philadelphia                   |  | DK073946                | 93.847                     | -  | (3,407.91)               | (3,40                  |
|     |  | Randomized Intervention for Children with Vesico Uretera   | University of Buffalo                                 |  | DK074063                | 93.847                     | -  | 38,850.33                | 38,850                 |
|     |  | SEARCH Nutrition Ancillary Study (SNAS), Ohio Subcontrac   | University of North Carolina                          |  | DK077949                | 93.847                     | -  | 14,227.71                | 14,22                  |
|     |  | Angiogenic peptide scaffolds to enhance diabetic wound h   | University of Cincinnati                              |  | DK078814                | 93.847                     | -  | 5,000.00                 | 5,00                   |
|     |  | Dietary Intake & Beh in Adol Bariatric Surg Pts<br>Medication Adherence in Children Who Had Liver Transplan          | University of Pennsylvania Mount Sinai Medical Center |  | DK080738                | 93.847<br>93.847           | -  | 108,038.36<br>99.211.51  | 108,03<br>99.21        |
|     |  | Progression of Acute Kidney Injury to Chronic Kidney Dis   | Yale University                                       |  | DK082185                | 93.847                     |  | 69,927.70                | 69,92                  |
|     |  | Defining Preadipocyte Signature Genes  | Univ of Toledo Health Science Campus                  |  | DK083643                | 93.847                     | -  | 23,096.29                | 23,09                  |
|     |  | Cell Phone Adherence Trial for Underserved T1DM Youth  | Univ of North Carolina at Chapel Hill                 |  | DK085483                | 93.847                     | -  | 56,433.00                | 56,43                  |
|     |  | Forecasters of future and progressive chronic kidney   | Ohio State University                                 |  | DK085673                | 93.847<br>93.847           | -  | 88,503.72<br>24,229.93   | 88,500<br>24,229       |
|     |  | Gene Discoveries in Subjects with Crohn's Disease of Afr<br>Resilience Promotion in Teens with Type 1 Diabetes: Prev | Emory University<br>Children's Memorial Hospital      |  | DK087694<br>DK090030    | 93.847                     | -  | 24,229.93<br>114.481.91  | 114,48                 |
|     |  | Teen Adherence in Kidney Transplant: Effectiveness of a  | The Research Institute of McGill Univers              |  | DK090030<br>DK092977    | 93.847                     |  | 58.993.32                | 58.99                  |
|     |  | Generating molecular markers that selectively label urot   | Columbia University Medical Center                    |  | DK094530                | 93.847                     | -  | 29,333.80                | 29,333                 |
|     |  |  |   | Diabetes, Digestive, & Kidney Diseases E   | xtramural Rsrch Total   | -                          | 1,401,161.76   | 13,221,089.84            | 14,622,251             |
|     | Disabilities Prevention                              | Spina Bifida Registry Demo Project   |   |  | DD000387                | 93.184                     | -  | 7,979.25                 | 7,979                  |
|     |  |  |   | Disabilities Prevention Total  |                         | -                          | -  | 7,979.25                 | 7,979                  |
|     | Discovery and Applied Research for Technological Inn | c POC-CENT Center for point-of-care technologies research for STDs   | University of Cincinnati<br>Johns Hopkins University  |  | EB007954<br>EB007958    | 93.286<br>93.286           | -<br>-   | 11,284.72<br>47,851.40   | 11,284<br>47,851       |
|     |  |  |   | Discovery & Applied Res. for Tech. Innov   | ations to Improve Human | Health Total               | -  | 59,136.12                | 59,136                 |
|     | Drug Abuse and Addiction Research Programs           | Endocannabinoid Signaling During Early Pregnancy   |   |  | DA006668                | 93.279                     | _  | 294.221.96               | 294.22                 |
|     | .g   | Effects of Neonatal MDMA on Brain and Behavior   |   |  | DA021394                | 93.279                     | -  | 5,341.14                 | 5,34                   |
|     |  | Follow-up of the Multimodal Treatment Study of Children  | Duke University                                       |  | HHSN271200800009        |                            | -  | 198,141.28               | 198,141                |
|     |  |  |   | Drug Abuse and Addiction Research Prog   | grams Total             | -                          | -  | 497,704.38               | 497,704                |
|     | Drug-Free Communities Support Program Grants         | DFC Support Program - POCWA  |   |  | SP014669                | 93.276                     | -  | 124,951.04               | 124,95                 |
|     |  |  |   | Drug-Free Communities Support Program  | o Grante Total          | _                          |  | 124,951.04               | 124,951                |

| _          |   |   | Г  | T  | Federal Grant        | 1 1              |                          |                                |                          |
|------------|---|---|--|--|----------------------|------------------|--------------------------|--------------------------------|--------------------------|
| Gov Agency | Gov Branch                                    | Award Title   | Pass-Through Grantor   | Subrecipient Name  | Number               | CFDA             | Sub Exp                  | Fed Exp                        | Total Exp                |
|            | Emergency Medical Services for Children       | Defining Quality Performance Measures for Pediatric Care<br>EMSC Network Development Demonstration Project - Hospita  |  | Medical College of Wisconsin   | MC16597<br>MC22684   | 93.127<br>93.127 | -<br>81,603.34           | 7.60<br>302,894.94             | 7.60<br>436,967.78       |
|            |   | EMSC Network Development Demonstration Project  | University of California-Davis                                       | Washington University  | MC00001              | 93.127           | 52,469.50                | 26,291.61                      | 26,291.61                |
|            |   | Progesterone for Traumatic Brain Injury in Children: Pla  | University of Michigan   | Emergency Medical Services for Children                                    | MC19353              | 93.127           | 134,072.84               | 12,127.12<br><b>341,321.27</b> | 12,127.12<br>475,394.11  |
|            | Environmental Health                          | Valproic Acid-Induced Obesity   |  |  | ES006096             | 93.113           | _                        | (187.36)                       | (187.36)                 |
|            |   | Training Grant in Teratology  |  |  | ES007051             | 93.113           | -                        | 310,569.35                     | 310,569.35               |
|            |   | Environmental Toxins and Uterine Gene Expression<br>A CommBased Trial to Prevent Lead Poisoning & Injuries  |  | University of Cincinnati   | ES007814<br>ES014575 | 93.113<br>93.113 | 23,931.29                | 410,813.27<br>423,755.53       | 410,813.27<br>447,686.82 |
|            |   | Role of Environmental Chemicals on Lactation Outcomes<br>Effects of Lead, Manganese and Stress During Development   |  |  | ES014691<br>ES015689 | 93.113<br>93.113 | -                        | 4,665.96<br>6,993.56           | 4,665.96<br>6,993.56     |
|            |   | Impact of peripubertal exposure to xenohormones on fat d  |  | University of Cincinnati   | ES017315             | 93.113           | 7,416.71                 | 111,183.26                     | 118,599.97               |
|            |   | Continued studies of environmntl impact on puberty:GUF2<br>Center for Environmental Genetics New Investigator Schol   | University of Cincinnati   | University of Cincinnati   | ES019453<br>ES006096 | 93.113<br>93.113 | 304,408.00               | 647,677.28<br>21,709.71        | 952,085.28<br>21,709.71  |
|            |   | Environmental Carcinogenesis and Mutagenesis<br>Pooled Analysis of (OP) Metabolites & DDe & Birth   | University of Cincinnati University of California-Berkeley           |  | ES007250<br>ES009605 | 93.113<br>93.113 | -                        | 61,529.80<br>56,621.50         | 61,529.80<br>56,621.50   |
|            |   | Molecular Epidemiology in Children's Environmental Healt<br>Early Lead Exposure, ADHD and Persistent Criminality: Ro  | University of Cincinnati University of Cincinnati                    |  | ES010957<br>ES015559 | 93.113<br>93.113 | -                        | 119,297.37<br>108,113.06       | 119,297.37<br>108,113.06 |
|            |   | Functional Genomics of Chemical Induced Acute Lung Injur  | University of Pittsburgh   |  | ES015675             | 93.113           | -                        | (3,020.26)                     | (3,020.26)               |
|            |   | Mechanism of PM Induced Dendritic Cell Activation<br>Mechanisms of Pesticide-Induced Neurobehavioral Deficits   | Johns Hopkins University<br>University of Medicine & Dentistry of NJ |  | ES015903<br>ES015991 | 93.113<br>93.113 | -                        | 267,439.13<br>100,286.03       | 267,439.13<br>100,286.03 |
|            |   | Genomic and proteomic biomarkers of biologic responses t<br>Prenatal Low Level Tobacco Exposure   | University of Alabama-Birmingham<br>Pennsylvania State University    | University of Cincinnati   | ES016003<br>ES016304 | 93.113<br>93.113 | 5,437.88                 | (4,331.55)<br>31,007.98        | 1,106.33<br>31,007.98    |
|            |   | Environmental Exposure: Susceptibility Alleles in a DNA   | University of Cincinnati   |  | ES016625             | 93.113           | -                        | 3,542.00                       | 3,542.00                 |
|            |   | Intervention to Reduce Body Burden of PCBs in Residents<br>Epigenetics of Lead Toxicity in Mouse Brain  | University of Cincinnati University of Cincinnati                    |  | ES019206<br>ES020048 | 93.113<br>93.113 | -                        | 91,366.60<br>108,516.88        | 91,366.60<br>108,516.88  |
|            |   |   | University of Cincinnati University of Cincinnati                    |  | ES020349<br>ES020387 | 93.113<br>93.113 | -                        | 104,382.39<br>16,846.15        | 104,382.39<br>16,846.15  |
|            |   | Field validation of a Personal Sensor for Ottaline PWT  | Oniversity of Circumati  | Environmental Health Total   | L3020307             | 93.113           | 341,193.88               | 2,998,777.64                   | 3,339,971.52             |
|            | Extramural Research Programs in the Neuroscie | nces a Mitogenic Activities in Neurofibromatosis<br>Roles of Gsh1 & Gsh2 in Telencephalic Neurogenesis  |  |  | NS028840<br>NS044080 | 93.853<br>93.853 | -                        | 297,793.73<br>272,013.96       | 297,793.73<br>272,013.96 |
|            |   | Impact of Initial Therapy and Response on Long Term Outc  |  | Arkansas Children's Hospital Research In                                   | NS045911             | 93.853           | 61,509.53                | 2,017,084.13                   | 3,287,048.39             |
|            |   |   |  | Baylor College<br>Case Western Reserve University                          |                      |                  | 43,554.57<br>24,421.20   |                                |                          |
|            |   |   |  | Children's Healthcare of Atlanta<br>Children's Hospital Association        |                      |                  | 15,834.60<br>50,369.18   |                                |                          |
|            |   |   |  | Children's Hospital of Alabama   |                      |                  | 3,404.80                 |                                |                          |
|            |   |   |  | Children's Hospital of Philadelphia<br>Children's National Medical Center. |                      |                  | 95,280.52<br>164,291.25  |                                |                          |
|            |   |   |  | Columbia University Cook Children's Health Care System                     |                      |                  | 16,124.03<br>22,364.27   |                                |                          |
|            |   |   |  | Eastern Virginia Medical School<br>Medical College of Wisconsin            |                      |                  | 32,051.88<br>4,924.45    |                                |                          |
|            |   |   |  | Miami Children's Hospital Research Inst                                    |                      |                  | 24,076.50                |                                |                          |
|            |   |   |  | Montefiore Medical Center<br>Nationwide Childrens Hospital                 |                      |                  | 203,595.00<br>60,488.00  |                                |                          |
|            |   |   |  | Nemours Children's Clinic New York University School of Medicine           |                      |                  | 47,321.41<br>3,953.25    |                                |                          |
|            |   |   |  | NorthShore University HealthSystem   |                      |                  | 9,704.53                 |                                |                          |
|            |   |   |  | Oregon Health & Science University Phoenix Children's Hospital             |                      |                  | 6,366.80<br>6,602.00     |                                |                          |
|            |   |   |  | Seattle Children's Hospital<br>St Joseph's Hospital & Medical Center       |                      |                  | 10,779.52<br>11,997.00   |                                |                          |
|            |   |   |  | University of Alabama at Birmingham  |                      |                  | 21,886.04                |                                |                          |
|            |   |   |  | University of California University of California                          |                      |                  | 17,502.10<br>135,413.60  |                                |                          |
|            |   |   |  | University of Pittsburgh<br>University of Tennessee                        |                      |                  | 38,679.83<br>9,857.30    |                                |                          |
|            |   |   |  | University of Utah   |                      |                  | 23,379.17                |                                |                          |
|            |   |   |  | Washington University Wayne State University                               |                      |                  | 55,787.99<br>29,986.82   |                                |                          |
|            |   |   |  | Women&Childrens Hospital of Buffalo<br>Yale University                     |                      |                  | 8,035.90<br>10,421.22    |                                |                          |
|            |   | Drug & Non-Drug Treatment of Pediatric Chronic Headache   |  | Tale Chiveleny   | NS050536             | 93.853           | -                        | (3,748.14)                     | (3,748.14)               |
|            |   | Regulation and mechanisms of synatic vesicle exocytosis<br>Rac GTPases in the Mammalian Brain Development   |  |  | NS054750<br>NS056435 | 93.853<br>93.853 | -                        | 359,000.22<br>352,487.34       | 359,000.22<br>352,487.34 |
|            |   | Cincinnati Center for Neurofibromatosis Research  |  | University of Cincinnati University of Minnesota                           | NS057531             | 93.853<br>93.853 | 266,317.95<br>279,456.05 | 862,737.77                     | 1,408,511.77             |
|            |   | CD8 T Cell mediated disruption of blood brain barrier ti<br>Sodium Channel Gene Variation in the Treatment of Epilep  |  | 2.2., 2  | NS060881<br>NS062756 | 93.853<br>93.853 | 5, 100.00                | 48,328.27<br>235,017.88        | 48,328.27<br>235,017.88  |
|            |   | Contributions of Aberrant Granule Cells Integration to t  |  |  | NS062806             | 93.853           | -                        | 314,367.27                     | 314,367.27               |
|            |   | Genetic Therapy for CNS Manifestations in MPS I via BBB-<br>Selective disruption of hippocampal denate granule cells<br>Regulation of Sensory-Motor Connectivity by Semaphorin-<br>Imaging the effect of centrotemporal spikes and seizures |  |  | NS064330<br>NS065020 | 93.853<br>93.853 | -                        | 430,318.75<br>332,629.98       | 430,318.75<br>332,629.98 |
|            |   |   |  | University of Cincinnati   | NS065048<br>NS065840 | 93.853<br>93.853 | -<br>20,217.89           | 388,204.75<br>337,478.15       | 388,204.75<br>357,696.04 |
|            |   | Longitudinal DTI study in Children Treated for Congenita  |  | Washington U of St. Louis  | NS066932             | 93.853           | 78,259.63                | 244,170.42                     | 322,430.05               |
|            |   | Molecular control of neurogenesis in the adult<br>Mechanisms of TGF regulated fibrosis in muscular dystrop  |  |  | NS069893<br>NS072027 | 93.853<br>93.853 | -                        | 445,027.89<br>228,481.73       | 445,027.89<br>228,481.73 |
|            |   | Motor cortex dysfunction in migraine Effects of PAI-1 on the tPA-JNK-Bim pathway in neonatal  |  |  | NS072817<br>NS074559 | 93.853<br>93.853 | -                        | 185,116.04<br>228,572.29       | 185,116.04<br>228,572.29 |
|            |   | Amitriptyline and Topiramate in the Prevention of Childh  | Halisanih of Cinaina "   |  | NS076788             | 93.853           | -<br>-                   | 631,781.92                     | 631,781.92               |
|            |   | Hemorragic & Ischemic Stroke among blacks and whites<br>Genetic and Environmental Risk Factos for Hemrrhagic  | University of Cincinnati<br>University of Cincinnati                 |  | NS030678<br>NS036695 | 93.853<br>93.853 | -                        | 92,163.92<br>59,082.75         | 92,163.92<br>59,082.75   |
|            |   | Parkinson Disease Collaborative Study of Genetic Linkage<br>Familial Intracranial Aneurysm Study II   | Indiana University University of Cincinnati                          |  | NS037167<br>NS039512 | 93.853<br>93.853 | -                        | 46,082.35<br>26,542.04         | 46,082.35<br>26,542.04   |
|            |   | Silent Cerebral Infarct Multi-Center Clinical Trial   | Washington University  |  | NS042804             | 93.853           | -<br>-                   | 5,031.45                       | 5,031.45                 |
|            |   | Recanalization Therapies and markers of Outcomes in Acut<br>fMRI of Language Recovery Following Stroke in Adults  | University of Cincinnati University of Cincinnati                    |  | NS044283<br>NS048281 | 93.853<br>93.853 | -                        | 170,093.71<br>28,189.58        | 170,093.71<br>28,189.58  |
|            |   | Spinal Abnormalities in Neurofibromatosis Type 1  | University of Utah   |  | NS050509             | 93.853           | -                        | 12,134.10                      | 12,134.10                |

|     | Cov Pranch   | Aurard Title   | Poor Through Coarter                 | Subraginiant Narra  | Federal Grant          | CEDA             | Cub F                 | Fod E  | Total Com                                    |
|-----|--|--|--------------------------------------|---|------------------------|------------------|-----------------------|--|--|
| тсу | Gov Branch   | Award Title  | Pass-Through Grantor                 | Subrecipient Name   | Number                 | CFDA             | Sub Exp               | Fed Exp                                      | Total Exp                                    |
|     |  | The Role of SLITRK1 in Tourette and Related Disorders  | Yale University School of Medicine   |   | NS056276               | 93.853           | -                     | 5,049.93                                     | 5,049.93                                     |
|     |  | LDN: Epidemiology and Natural History of Wolman and Chol   | University of Minnesota              |   | NS065768               | 93.853           | -                     | 35,616.14                                    | 35,616.14                                    |
|     |  | Endogenous CNTF Receptors and Adult, In Vivo Neurogenes<br>Pilot Trial of Bumetanide for Neonatal Seizures           | University of Cincinnati             |   | NS066051<br>NS066929   | 93.853           | -                     | 18,230.09<br>127.96                          | 18,230.09                                    |
|     |  | Pilot Trial of Burnetanide for Neonatal Seizures   | Children's Hospital Boston           | F. 15 15 14 1   |                        | 93.853           |                       | 127.90                                       | 127.96                                       |
|     |  |  |                                      | Extramural Research Programs in the Neuros<br>Disorders Total | sciences and Neurologi | cal              | 1,914,215.78          | 8,705,208.37                                 | 10,619,424.15                                |
|     | Food and Data Administration Research              | Phone II Study of Panamyoin for Camplicated Vaccular Ana   |                                      | Children's Hospital Reston                                    | ED002712               | 02 102           | 21 140 00             | 249 540 46                                   | 270 690 46                                   |
|     | Food and Drug Administration_Research              | Phase II Study of Rapamycin for Complicated Vascular Ano<br>Phase I Study of HSV1716 in Pediatric Non-CNS Solid Tumo |                                      | Children's Hospital Boston                                    | FD003712<br>FD003717   | 93.103<br>93.103 | 31,140.00             | 348,549.16<br>150,221.37                     | 379,689.16<br>150,221.37                     |
|     |  | Phase 3 Trial of Coenzyme Q10 in Mitochondrial Diseases  | University of Florida                |   | FD003032               | 93.103           |                       | 25,776.23                                    | 25,776.23                                    |
|     |  | Phase III Trial of Sirolimus in Lymphangioleiomylmatosis   | University of Cincinnati             |   | FD003362               | 93.103           | _                     | 2,051.59                                     | 2,051.59                                     |
|     |  | CCF Lovell R01 Sub   | Cleveland Clinic Lerner Coll of Med  |   | FD003435               | 93.103           | -                     | 79,262.00                                    | 79,262.00                                    |
|     |  |  |                                      | Food and Drug Administration_Research Total                   | al                     |                  | 31,140.00             | 605,860.35                                   | 637,000.35                                   |
|     | Grants for Training in Primary Care Medicine and I | Denti: Faculty Development in Primary Care   |                                      |   | HP23195                | 93.884           | -                     | 97,500.93                                    | 97,500.93                                    |
|     |  |  |                                      | Grants for Training in Primary Care Medicine                  | and Dentistry Total    |                  | -                     | 97,500.93                                    | 97,500.93                                    |
|     | Health Careers Opportunity Program                 | AADCRC Discretionary Funds Proposal: The Genetic/Genomic   | Univ of Texas Hlth Sci Ctr @ San Ant |   | Al070412091            | 93.822           | -                     | 83,259.11                                    | 83,259.11                                    |
|     |  |  |                                      | Health Careers Opportunity Program Total                      |                        | •                | -                     | 83,259.11                                    | 83,259.11                                    |
|     | International Research and Research Training       | Cellular and Molecular Mechanisms of Alanyl-Glutamine Or   |                                      |   | TW008767               | 93.989           | -                     | 93,934.39                                    | 93,934.39                                    |
|     |  | Fogarty-Schlaudecker   | Vanderbilt University Medical Center |   | TW007988               | 93.989           | -                     | 17,295.39                                    | 17,295.39                                    |
|     |  |  |                                      | International Research and Research Training                  | g Total                |                  | -                     | 111,229.78                                   | 111,229.78                                   |
|     | Lung Diseases Research                             | Pulmonary and Cardiovascular Development Training Grant  |                                      |   | HL007752               | 93.838           | _                     | 188,290.33                                   | 188,290.33                                   |
|     | <u> </u>   | Role of Surfactant Protein-C and innate Lung Defense   |                                      |   | HL050046               | 93.838           | -                     | 342,191.71                                   | 342,191.71                                   |
|     |  | Structure/ Function Analyses of SP-B in Transgenic Mice  |                                      |   | HL056285               | 93.838           | -                     | 20,562.57                                    | 20,562.57                                    |
|     |  | Asthma Positional Candidate Genes in Mice and Humans   |                                      |   | HL067736               | 93.838           | -                     | 109,823.72                                   | 109,823.72                                   |
|     |  | Genetic Analysis of Hyperoxia Induced Acute lung Injury  |                                      |   | HL075562               | 93.838           | -                     | 440,279.30                                   | 440,279.30                                   |
|     |  | Role of Rb Family in Lung Epithelial Response to Injury  |                                      |   | HL079193               | 93.838           | -                     | 372,342.65                                   | 372,342.65                                   |
|     |  | Alveolar Cell Dysfunction and Pulmonary Fibrosis   |                                      |   | HL082757               | 93.838           | -                     | 35,084.19                                    | 35,084.19                                    |
|     |  | Foxf1 Transcription Factor in Development of Pulmonary C   |                                      |   | HL084151               | 93.838           | -                     | 410,905.82                                   | 410,905.82                                   |
|     |  | Role of HIF-1alpha in Fetal Lung Epithelial Differentiat   |                                      |   | HL084376               | 93.838           | -                     | 318,489.58                                   | 318,489.58                                   |
|     |  | Role of Anti-GM-CSF Antibodies in Myeloid Cell Function  |                                      |   | HL085453               | 93.838           |                       | 368,385.53                                   | 368,385.53                                   |
|     |  | ABCA3 and Alveolar Homeostasis   |                                      | Vanderbilt University Medical Center                          | HL085610               | 93.838           | 8,068.12              | (7,797.64)                                   | 270.48                                       |
|     |  | Role of SFTPC in Pathogenesis of Interstitial Lung Disea   |                                      |   | HL086492               | 93.838           | -                     | 495,080.23                                   | 495,080.23                                   |
|     |  | Epidermal Growth Factor Receptor Activation in Pulm Fibr   |                                      |   | HL086598<br>HL089505   | 93.838<br>93.838 | -                     | 179,443.52<br>132,091.00                     | 179,443.52                                   |
|     |  | Surfactant Protein D in Pulmonary and Systemic Host Def  |                                      |   | HL090156               | 93.838           | -                     | (5,840.32)                                   | 132,091.00<br>(5,840.32)                     |
|     |  | Transcriptional Control of Respiratory Epithelial cell P<br>Regulation of Neutrophil Migration and Polarity          |                                      |   | HL090676               | 93.838           | -                     | 406,370.87                                   | 406,370.87                                   |
|     |  | Immunobiology of IFRD1, a gene modifying CF lung disease   |                                      | Johns Hopkins University                                      | HL094576               | 93.838           | 43,446.00             | 369,502.50                                   | 412,948.50                                   |
|     |  | Role of C/EBPalpha in CYtoprotection and Recovery from L   |                                      | comis riopkins oniversity                                     | HL095464               | 93.838           |                       | 383,401.93                                   | 383,401.93                                   |
|     |  | Trascriptional Programming of Asthma Related Pathology i   |                                      |   | HL095580               | 93.838           | _                     | 503,317.37                                   | 503,317.37                                   |
|     |  | Late Preterm Birthe, Ureaplasma Species and Childhood Lu   |                                      | Queensland University of Technology                           | HL097064               | 93.838           | 36,668.00             | 377,025.30                                   | 428,970.30                                   |
|     |  | Lung Injury with Resuscitation of the Preterm  |                                      | University of Western Australia                               | LII 00700F             | 93.838           | 15,277.00             | 124,388.63                                   | 124,388.63                                   |
|     |  |  |                                      | University of Cincinnati                                      | HL097085               | 93.838           | 520.00                | 472,214.52                                   | 472,734.52                                   |
|     |  | Impact of Early Life Diesel Exposure on Immune Patternin   |                                      | University of Cincinnati                                      | HL097135               |                  | 520.00                | 512,669.56                                   | 512,669.56                                   |
|     |  | LPCAT1 is essential for perinatal lung function and surv   |                                      |   | HL098319               | 93.838           | -                     |  | 423,053.86                                   |
|     |  | Biomarkers of Immunologic Function and Preterm Respirato   |                                      | Indiana I Iniversity  | HL101800               | 93.838<br>93.838 | 20 020 20             | 423,053.86<br>574,754.44                     |  |
|     |  | Genetic Analysis of Murine Chronic Hypoxia-Induced Pulmo   |                                      | Indiana University  | HL102107<br>HL103923   | 93.838           | 28,038.38             | 492,553.19                                   | 602,792.82<br>492,553.19                     |
|     |  | The Role of Autophagy in the Pathogenesis of interstitia<br>FGF and PDGF regulate myofibroblast differentiation in a |                                      |   | HL104003               | 93.838           | -                     | 492,333.19                                   | 492,553.19                                   |
|     |  | Role of SREBP Network in Surfactant Lipid Homeostasis an   |                                      |   | HL105433               | 93.838           | -                     | 412,990.34                                   | 412,990.34                                   |
|     |  | Secreted BMP Antagonists in Foregut Organ Development  |                                      |   | HL105661               | 93.838           |                       | 130,847.64                                   | 130,847.64                                   |
|     |  | Molecular Interventions for Pulmonary Fibrosis   |                                      | University of Cincinnati                                      | HL107159               | 93.838           | 20,379.37             | 490,941.48                                   | 511,320.85                                   |
|     |  | Transcriptional Control of Submucosal Gland Formation an   |                                      | Offiversity of Ciricillian                                    | HL108907               | 93.838           | 20,379.37             | 433,238.09                                   | 433,238.09                                   |
|     |  | Mechanisms of Dicer1 Function in Lung Organogenesis and  |                                      | Children's Research Institute                                 | HL109265               | 93.838           | 17,196.62             | 332,121.75                                   | 349,318.37                                   |
|     |  | Der p 2-driven TLR4 signaling in allergic asthma   |                                      | Official Procession module                                    | HL110497               | 93.838           |                       | 37,373.72                                    | 37,373.72                                    |
|     |  | Airway Progenitor Cell Proliferation and Differentiation   |                                      | Oregon Health & Science University                            | HL110964               | 93.838           | 28,578.89             | 214,518.38                                   | 243,097.27                                   |
|     |  | Ruth L. Kirschstein National Research Service Award Shor   |                                      | orogon ribular a bulondo bilirordity                          | HL113229               | 93.838           | 20,010.00             | 1,680.24                                     | 1,680.24                                     |
|     |  | Genetic Basis for Impaired Angiogenic Signaling in BPB   | University of Colorado               |   | HL085703               | 93.838           | _                     | 26,555.79                                    | 26,555.79                                    |
|     |  | PPARgamma in the Lung  | Indiana University                   |   | HL087001               | 93.838           | -                     | 20,055.23                                    | 20,055.23                                    |
|     |  | Developing Quality Meas Assess Ped Inpt Respiratory Care   | Children's Hosp & Reg Med Ct-Seattle |   | HL088503               | 93.838           | -                     | 163,167.20                                   | 163,167.20                                   |
|     |  | Small Molecule Targeting of NADPH Oxidase in Neutrophils   | Phase 2 Discovery, Inc               |   | HL099244               | 93.838           | -                     | 9,540.28                                     | 9,540.28                                     |
|     |  | Prematurity and Respiratory Outcomes Program (PROP) Trai   | University of Pennsylvania           |   | HL101794               | 93.838           | -                     | 71,776.03                                    | 71,776.03                                    |
|     |  | Center of Excellence on Quality of Care Measures for Chi   | Children's Hosp & Reg Med Ct-Seattle | Lung Diseases Research Total                                  | HS020506               | 93.838           | 198,172.38            | 131,546.92<br>10,921,109.15                  | 131,546.92<br>11,119,281.53                  |
|     |  |  |                                      | •   |                        |                  | •                     |  |  |
|     | Maternal and Child Health Federal Consolidated P   | rogra Cincinnati Sickle Cell Newborn Screening Network<br>Impact of Cognition on Language in Pedicatric Hearing Lo   |                                      | Sickle Cell Affected Fam Greater Cinti                        | MC09233<br>MC21513     | 93.110<br>93.110 | 7,180.29              | 19,410.74<br>290,254.60                      | 26,591.03<br>290,254.60                      |
|     |  | Sickle Cell  |                                      | Ohio Sickle Cell and Heath Assoc.                             | MC22218                | 93.110           | 5,000.00              | 212,313.90                                   | 217,313.90                                   |
|     |  | Hemophilia Comprehensive Care  | Hemophilia Foundation of Michigan    |   | MC00015                | 93.110           | -                     | 15,793.52                                    | 15,793.52                                    |
|     |  | Leadership Education in Neurodevelopmental and Other Rel   | University of Cincinnati             |   | MC00032                | 93.110           | -                     | 551,360.68                                   | 551,360.68                                   |
|     |  | Autism Intervention Research Networks  | Massachusetts General Hospital       |   | MC11054                | 93.110           | -                     | 68,189.68                                    | 68,189.68                                    |
|     |  |  |                                      | Maternal and Child Health Federal Consolidat                  | ed Programs Total      |                  | 12,180.29             | 1,157,323.12                                 | 1,169,503.41                                 |
|     | Medical Assistance Program                         | Impact on Families Caring for Children with Complex Heal   | 01: 0: 11: "                         | T. M  | 60024076               | 93.778           | -                     | 32,382.35                                    | 32,382.35                                    |
|     |  | Perinatal Quality Improvement Project and Data Infastruc   | Ohio State University                | The Metrohealth System Ohio State University                  | 60029983 / 60030041    | 93.778           | 9,152.66<br>22,964.00 | 17,520.38                                    | 49,637.04                                    |
|     |  | Perinatal Quality Improvement  |                                      | Onio State University   | 60034990               | 93.778           | 22,904.0U<br>-        | 227,292.24                                   | 227,292.24                                   |
|     |  | Research to Evaluate the Ohio Medicaid Expansion   | University of Cincinnati             | Academy Health  | A89070357              | 93.778           | 52,196.03             | 51,722.53                                    | 103,918.56                                   |
|     |  | Healthy Kids Ohio and the Ounce of Prevention Project (O   | Ohio State University                | Academy Health  | 60029981 / 60030039    | 93.778           | 32,190.03             | 31,080.00                                    | 31,080.00                                    |
|     |  | Statewide Quality Improvement Manager and Regional Quali   | Ohio State University                |   | FAM-31785 OSU          | 93.778           | -                     | 36,522.03                                    | 36,522.03                                    |
|     |  | Implementation of the BEACON Quality Improvement Data In   | Ohio State University                |   | G1213070343- Marsolo   |                  | -                     | 346,909.48                                   | 346,909.48                                   |
|     |  | Quality Improvement Science - Statewide Quality Improvem   | Ohio State University                |   | G1213070343-Lannon     |                  | -                     | 232,280.19                                   | 232,280.19                                   |
|     |  |  |                                      | Medical Assistance Program Total                              |                        | •                | 84,312.69             | 975,709.20                                   | 1,060,021.89                                 |
|     | Medical Library Assistance                         | Increasing Clinical Trial Enrollment: A Semi-Automated   |                                      |   | LM010227               | 93.879           | -                     | 288,058.69                                   | 288,058.69                                   |
|     | Medical Library Assistance                         |  |                                      |   |                        |                  |                       |  | 40.040.07                                    |
|     | ,  | Shared Task 2010 Analysis of Suicide Notes for Subjectiv   |                                      |   | LM010743               | 93.879           | -                     | 13,342.67                                    | 13,342.67                                    |
|     |  | Shared Task 2010 Analysis of Suicide Notes for Subjectiv<br>Multi-Institutional Pediatric Epilepsy Decision Support  |                                      | Medical Library Assistance Total                              | LM010743<br>LM011124   | 93.879<br>93.879 | -                     | 13,342.67<br>152,388.97<br><b>453,790.33</b> | 13,342.67<br>152,388.97<br><b>453,790.33</b> |

|            |  |  |   |  | Federal Grant                 |                  |                             |                                  |                                   |
|------------|--|--|---|--|-------------------------------|------------------|-----------------------------|----------------------------------|-----------------------------------|
| Gov Agency | Gov Branch   | Award Title  | Pass-Through Grantor                                | Subrecipient Name  | Number                        | CFDA             | Sub Exp                     | Fed Exp                          | Total Exp                         |
|            | Mental Health Research Career/Scientist Developm     | ent Med Response in Children with Pred Inatt Type ADHD   |   |  | MH083881                      | 93.281           | -                           | 190,627.41                       | 190,627.41                        |
|            |  | Temporal Mechanisms Associating Depression and Obesity i   |   | Mental Hith Res. Career/Scientist Developme  | MH091248<br>ent Awards Total  | 93.281           |                             | 156,541.44<br><b>347,168.85</b>  | 156,541.44<br><b>347,168.85</b>   |
|            | Mandal Hankle Barranch County                        | Functions the District Desir of ADUD   |   | ·  |                               | 00.040           |                             | 470.077.47                       | 470.077.47                        |
|            | Mental Health Research Grants                        | Examining the Biological Basis of ADHD<br>Improving Mental Health Outcomes of Child Brain Injury                     |   | Case Western Reserve University  | MH064478<br>MH073764          | 93.242<br>93.242 | 89,941.65                   | 176,977.47<br>18,836.79          | 176,977.47<br>272,641.01          |
|            |  | , ,  |   | Iowa State University  |                               |                  | 50,275.61                   |                                  |                                   |
|            |  |  |   | Mayo Clinic Rochester The Children's Hospital Association                          |                               |                  | 18,469.14<br>95,117.82      |                                  |                                   |
|            |  | LAMS   |   | The dimercial recognition  | MH073816                      | 93.242           | -                           | 149,962.12                       | 149,962.12                        |
|            |  | Family-Focused Treatment for Bipolar Adolescents<br>Amyodala Glucocorticoid Receptor Function in Stress              |   |  | MH074033<br>MH079010          | 93.242<br>93.242 | -                           | (9,719.15)<br>172,023.18         | (9,719.15)<br>172,023.18          |
|            |  | Disseminating a Model Intervention to Promote Improved A   |   |  | MH082714                      | 93.242           | -                           | 2,674.71                         | 2,674.71                          |
|            |  | 2/2-Multisite Study of School Based Treatment Approaches Medication Continuity in Children Treated for ADHD          |   |  | MH082865<br>MH083027          | 93.242<br>93.242 | -                           | 415,843.04<br>184,232.51         | 415,843.04<br>184,232.51          |
|            |  | Evaluation of an Intervention for Improving Community-Ba   |   | Nationwide Childrens Hospital  | MH083665                      | 93.242           | 311,896.28                  | 185,511.10                       | 515,394.87                        |
|            |  |  |   | University of Alabama at Birmingham  |                               |                  | 15,778.26                   |                                  |                                   |
|            |  | Development of a Multifaceted Cognitive Training Program   |   | University of North Carolina-Chapel Hill   | MH085842                      | 93.242           | 2,209.23                    | 347,059.43                       | 347,059.43                        |
|            |  | Treatment of Maternal Depression in Home Visitation  |   | Children's Hospital Boston   | MH087499                      | 93.242           | 19,382.56                   | 563,477.74                       | 582,860.30                        |
|            |  | Molecular Mechanisms Controlling Formation of Basal Gang<br>4/8-Collaborative genomic studies of Tourette Disorder   |   |  | MH090740<br>MH092520          | 93.242<br>93.242 | -                           | 447,998.71<br>56,373.61          | 447,998.71<br>56,373.61           |
|            |  | Executive Function/Metacognitive Training: Early Interve   |   |  | MH095911                      | 93.242           |                             | 1,194.41                         | 1,194.41                          |
|            |  | Bipolar Disorder Imaging & Treatment Research Center   | University of Cincinnati                            |  | MH077138                      | 93.242           | -                           | 121,097.68                       | 121,097.68                        |
|            |  | Anomalous Motor Physiology in ADHD   | Kennedy Krieger Research Institute                  |  | MH078160                      | 93.242           | -                           | 9,957.92                         | 9,957.92                          |
|            |  | Estimating Intracellular Lithium in Brain in vivo by 7Li Cortical Excitability: Phenotype and Biomarker in ADHD      | University of Cincinnati University of Cincinnati   |  | MH081000<br>MH081854          | 93.242<br>93.242 | -                           | 19,939.25<br>113,207.05          | 19,939.25<br>113,207.05           |
|            |  | Longitudinal Studies of Autism Spectrum Disorders: 2 to  | Cornell University                                  |  | MH081873                      | 93.242           | -                           | 14,588.45                        | 14,588.45                         |
|            |  | The Effects of Estradiol on genetic Risk for Disordered  | Michigan State University                           |  | MH092377                      | 93.242           | -                           | 30,563.25                        | 30,563.25                         |
|            |  | Center for Genomic & Phenomic Studies in Autism  | Autism Speaks Grant Administration                  | Mental Health Research Grants Total  | MU081810                      | 93.242           | 603,070.55                  | 94,877.58<br><b>3,116,676.85</b> | 94,877.58<br><b>3,719,747.40</b>  |
|            |  |  |   |  |                               |                  | •                           |                                  |                                   |
|            | National Bioterrorism Hospital Preparedness Progra   | m Ohio Bio-Terrorism Preparedness  |   | Nationwide Childrens Hospital<br>University Hospitals of Cleveland                 | 03130012PP0110                | 93.889           | 110,195.44<br>109,352.29    | 72,989.07                        | 292,536.80                        |
|            |  |  |   | National Bioterrorism Hospital Preparedness  | Program Total                 | •                | 219,547.73                  | 72,989.07                        | 292,536.80                        |
|            | National Center for Research Resources               | Multi-Photon Confocal Microscope   |   |  | RR029406                      | 93.389           |                             | 826,609.00                       | 826.609.00                        |
|            | National Center for Research Resources               | MoFlo XDP Cell Sorter  |   |  | RR029406<br>RR031653          | 93.389           | -                           | 462,394.00                       | 462,394.00                        |
|            |  | AKTA Ready Liquid Chromatography System  |   |  | RR031721                      | 93.389           | -                           | 12,636.28                        | 12,636.28                         |
|            |  | CTSA - Effect of BMI on Exposure-Response Relationships  | Case Western University                             |  | RR024989                      | 93.389           | -                           | 54,447.00                        | 54,447.00                         |
|            |  | Harvard Clinical and Translational Science Center<br>Expansion of Family Aspects of a DNA Biorepository              | Harvard Medical School University of Cincinnati     |  | RR025758<br>RR026314          | 93.389<br>93.389 | -                           | 13,343.75<br>2,519,489.76        | 13,343.75<br>2.519.489.76         |
|            |  | Cincinnati Center for Clinical and Translational Science   | University of Cincinnati                            |  | RR026315                      | 93.389           | -                           | 132,773.21                       | 132,773.21                        |
|            |  |  |   | National Center for Research Resources Tot   | al                            |                  | -                           | 4,021,693.00                     | 4,021,693.00                      |
|            | National Center on Sleep Disorders Research          | Pediatric Sleep Research Program   |   |  | HL078989                      | 93.233           | -                           | 163,432.83                       | 163,432.83                        |
|            |  | Vascular Functions in Children w/ Sleep Disorder Breathi   |   | University of Cincinnati   | HL080670                      | 93.233           | 26,251.67                   | (54,989.61)                      | (28,737.94)                       |
|            |  | Effect of Adolescent Sleep Restriction on Neural & Behav   |   | Hali wasika af Cinaina afi   | HL092149                      | 93.233           |                             | 498,829.81                       | 498,829.81                        |
|            |  | Dynamic Computational Modeling of Obstructive Sleep Apne<br>Ransomized Control Study of Adenotonsilectomy for Childh | Brigham & Women's Hospital                          | University of Cincinnati   | HL105206<br>HL083075          | 93.233<br>93.233 | 93,728.16                   | 384,437.26<br>50,676.10          | 478,165.42<br>50,676.10           |
|            |  | ,  | 3   | National Center on Sleep Disorders Research  |                               | •                | 119,979.83                  | 1,042,386.39                     | 1,162,366.22                      |
|            | National Research Service Award in Primary Care M    | Med NRSA Research Fellowship Training  |   |  | HP10027                       | 93.186           | _                           | 217,357.37                       | 217,357.37                        |
|            |  |  |   | National Research Service Award in Primary   | Care Medicine Total           | •                | -                           | 217,357.37                       | 217,357.37                        |
|            | Nursing Research                                     | Cortical Reorganization in Children with Unilateral  |   |  | DC008110                      | 93.361           | _                           | 10,218.84                        | 10,218.84                         |
|            | reasing research                                     | Feeding Readiness in Preterm Infants   |   |  | NR005182                      | 93.361           | -                           | 71,111.24                        | 71,111.24                         |
|            |  | Patterned Experience in Preterm Infants  |   |  | NR012307                      | 93.361           | -                           | 130,578.45                       | 130,578.45                        |
|            |  | Assessing Measurement Bias Impact Dynamical Systems Tools: Modeling multi-level                                      | University of North Florida University of Rochester |  | NR010631<br>NR010857          | 93.361<br>93.361 | -                           | 13,252.64<br>(3,197.52)          | 13,252.64<br>(3,197.52)           |
|            |  | Dynamical dystems roots. Wodeling materiever   | Offiversity of Production                           | Nursing Research Total   | 1411010007                    | 30.001           | -                           | 221,963.65                       | 221,963.65                        |
|            | Oral Diseases and Disorders Research                 | Molecular Genetic Analysis of Craniofacial Development   |   | Washington University  | DE013681                      | 93.121           | 147,573.24                  | 426,127.42                       | 573,700.66                        |
|            | Oral Diseases and Disorders Nesearch                 | Genetic Basis of Cleft Lip and Palate  |   | washington onliversity   | DE015207                      | 93.121           | -                           | 420,738.77                       | 420,738.77                        |
|            |  | The role of primary cilia in craniofacial development  |   |  | DE019853                      | 93.121           | -                           | 235,839.96                       | 235,839.96                        |
|            |  | Global Gene Expression Atlas of Craniofacial Development   |   | Stowers Institute for Medical Research  Oral Diseases and Disorders Research Total | DE020049                      | 93.121           | 907.55<br><b>148,480.79</b> | 280,421.61<br>1,363,127.76       | 281,329.16<br><b>1,511,608.55</b> |
|            |  |  |   | Oral Diseases and Disorders Research Total   |                               |                  | 140,400.79                  | 1,303,127.76                     | 1,511,606.55                      |
|            | Poison Center Support and Enhancement Grant Pro      | ogra Poison Control Stabilization and Enhancement Progr  |   |  | BHS15468                      | 93.253           | -                           | 339,937.35                       | 339,937.35                        |
|            |  | Poison Control Support and Enhancement Grant Program   |   | Poison Center Support and Enhancement G  | BHS19190<br>ant Program Total | 93.253           |                             | 38,170.18<br><b>378,107.53</b>   | 38,170.18<br><b>378,107.53</b>    |
|            |  |  |   |  | •                             |                  |                             |                                  |                                   |
|            | ARRA Recovery Act Comparative Effectiveness Research | - Al Building Modular Pediatric Chronic Disease Registries fo  |   | Childrens Hospital of Philadelphia<br>Nationwide Children's Hosp                   | HS020024                      | 93.715           | 176,953.82<br>126,926.61    | 2,881,324.02                     | 3,597,440.45                      |
|            |  |  |   | Nemours Children's Clinic, Jacksonville  |                               |                  | 66,293.03                   |                                  |                                   |
|            |  |  |   | The Children's Hospital Association  |                               |                  | 42,587.58                   |                                  |                                   |
|            |  |  |   | University of Pennsylvania University of North Carolina-Chapel Hill                |                               |                  | 31,796.84<br>28,035.68      |                                  |                                   |
|            |  |  |   | University of Vermont State  |                               |                  | 243,522.87                  |                                  |                                   |
|            |  |  |   | Recovery Act Comparative Effectiveness Re  | s AHRQ Total                  | •                | 716,116.43                  | 2,881,324.02                     | 3,597,440.45                      |
|            | Research on Healthcare Costs, Quality and Outcom     | es Pursing Perfection in Pediatric Therapeutics  |   | Boston University  | HS016957                      | 93.226           | 45,306.95                   | 318,070.40                       | 363,377.35                        |
|            | research of reculticate costs, quality and outcom    | The Pediatric Emergency Department Experience  |   | University of Cincinnati   | HS019037                      | 93.226           | 29,595.50                   | 27,683.98                        | 57,279.48                         |
|            |  | Acceleration to Expertise: Simulation as a Tool to Impro   |   | •  | HS020455                      | 93.226           | -                           | 249,941.64                       | 249,941.64                        |
|            |  | Centers for Education and Research on Therapeutics (CERT<br>PHIS+: Augmenting the Pediatric Health Information Syste | Children's Hospital of Philadelphia                 |  | HS021114<br>HS019862          | 93.226<br>93.226 | -                           | 574,494.07<br>232,372.84         | 574,494.07<br>232.372.84          |
|            |  | Improving the Quality of Pediatric Emergency Care Using  | Children's Hospital of Philadelphia                 |  | HS020270                      | 93.226           | -                           | 46,324.53                        | 46,324.53                         |
|            |  | - · · · · · · · · · · · · · · · · · · ·  | •   | Research on Healthcare Costs, Quality and C  |                               | •                | 74,902.45                   | 1,448,887.46                     | 1,523,789.91                      |
|            | Research Related to Deafness and Communication       | Dis FMRI Genes and Outcome for Cochlear Implants in Infants  |   |  | DC007186                      | 93.173           | _                           | 13,495.70                        | 13,495.70                         |
|            | . 100001011 Totalion to Dearness and Communication   | Efficacy of Laryngeal High-Speed Videoendoscopy  |   | Bowling Green State University   | DC007160                      | 93.173           | 94,601.95                   | 243,463.80                       | 370,114.23                        |
|            |  |  |   | The General Hospital Corporation   |                               |                  | 32,048.48                   |                                  |                                   |
|            |  |  |   |  |                               |                  |                             |                                  |                                   |

|            |   | Award Title Pass-Thro   | 1                                |   | Federal Grant                     |                  |                                     |                                 |                           |
|------------|---|---|----------------------------------|---|-----------------------------------|------------------|-------------------------------------|---------------------------------|---------------------------|
| Gov Agency | Gov Branch  | Award Title   | Pass-Through Grantor             | Subrecipient Name   | Number                            | CFDA             | Sub Exp                             | Fed Exp                         | Total Exp                 |
|            |   | Nuclear modifier genes for maternally inherited deafness  |                                  |   | DC007696                          | 93.173           | -                                   | 7,877.84                        | 7,877.84                  |
|            |   | A Preclinical Trial of Intratympanic Antivirals for CMV<br>Molecular Genetics of Usher Syndrome Type I                    |                                  |   | DC008651<br>DC009287              | 93.173<br>93.173 | -                                   | 171,873.22<br>275,286.38        | 171,873.22<br>275,286.38  |
|            |   | Functional MR Imaging Study of Speech Production in Chil  |                                  |   | DC010188                          | 93.173           | -                                   | 169,298.80                      | 169,298.80                |
|            |   | Functional Analyses of Tricellular Tight Junctions in He<br>Identifying Genes for Non-syndromic Recessive Deafness-       |                                  |   | DC011748<br>DC011803              | 93.173<br>93.173 | -                                   | 401,848.70<br>11,248.46         | 401,848.70<br>11,248.46   |
|            |   | Inspiratory Muscle Strength Training in Patients with Up  | Miami University                 |   | DC011803<br>DC009057              | 93.173           | -                                   | 28,140.09                       | 28,140.09                 |
|            |   | Wideband Clinical Diagnosis and Monitoring of Middle-Ear  | Boys Town National Res. Hospital | Good Samaritan Hospital   | DC010202                          | 93.173           | 34,284.18                           | 341,195.51                      | 375,479.69                |
|            |   | Improved Method of Drug Delivery to the Inner Ear   | University of Cincinnati         | Rsrch Related to Deafness and Communic  | DC011062<br>ation Disorders Total | 93.173           | 160,934.61                          | 37,253.55<br>1,700,982.05       | 37,253.55<br>1,861,916.66 |
|            | Sickle Cell Treatment Demonstration Program           | Sickle Cell treatment Demonstration Program   | University of Cincinnati         |   | EMC07655                          | 93.365           | -                                   | 65,482.68                       | 65,482.68                 |
|            |   |   | ,                                | Sickle Cell Treatment Demonstration Prog  |                                   | •                | -                                   | 65,482.68                       | 65,482.68                 |
|            | Substance Abuse and Mental Health Services_Projection | jects A Continuum of Trauma Care: Adapting Evidence-Based Prac<br>Learning Collaborative to Dissseminate Trauma and Grief | University of California         | Toledo Children's Hosital   | SM059286<br>SM054284              | 93.243<br>93.243 | 65,445.38                           | 534,319.60<br>13,998.84         | 599,764.98<br>13,998.84   |
|            |   | Project Launch-PCIT Training at Ohio University   | Ohio University                  |   | SM059345                          | 93.243           |                                     | 33,000.00                       | 33,000.00                 |
|            |   |   |                                  | Substance Abuse & Mental Health Service<br>Significance Total                                   | s Projects of Regional a          | and National     | 65,445.38                           | 581,318.44                      | 646,763.82                |
|            | Training and Clinical Skills Improvement Projects     | Enhanced Surveillance for New Vaccine Preventable Diseas  |                                  | Seattle Children's Hospital   | 1IP000147                         | 93.185           | 3,701.22                            | 98,133.47                       | 101,834.69                |
|            |   | Enhanced Surveillance for New Vaccine Preventable Diseas  |                                  | Training and Clinical Skills Improvement P  | 1IP000458                         | 93.185           | 3,701.22                            | 242,121.39<br><b>340,254.86</b> | 242,121.39<br>343,956.08  |
|            |   |   |                                  |   | -                                 |                  | •                                   | •                               | •                         |
|            | ARRA Trans-NIH Recovery Act Research Support          | Homeostasis and function of regulatory T cells in aging<br>Genetic Linkage in Lupus                                       |                                  | University of Cincinnati Oklahoma Medical Research Foundation                                   | AG033057<br>Al024717              | 93.701<br>93.701 | 12,110.42<br>74,004.26              | 71,424.88                       | 83,535.30<br>74,004.26    |
|            |   | Characterization of Human Caliciviruses   |                                  | Purdue University   | AI037093                          | 93.701           | 30,482.01                           | 109,645.82                      | 140,127.83                |
|            |   | Regulation of Apoptosis in Activated Primary T Cells  |                                  |   | AI057753                          | 93.701           | . <del>.</del> .                    | 7,090.15                        | 7,090.15                  |
|            |   | HLA/KIR Region Genetics in Pediatric Arthritis<br>Epithelial Genes in Allergic Inflammation                               |                                  | University of Cincinnati  | AI067150<br>AI070235              | 93.701<br>93.701 | 4,722.40                            | 1,078.58<br>14,197.40           | 5,800.98<br>14,197.40     |
|            |   | Identification of Genes Involved in FHLH  |                                  |   | Al076746                          | 93.701           | -                                   | 35,172.03                       | 35,172.03                 |
|            |   | Innate Immune Responses During Toxoplasmosis  |                                  |   | AI078969                          | 93.701           |                                     | 170,918.22                      | 170,918.22                |
|            |   | Role of IL-15 in the pathogensis of EE  Neuronal Regulation of HSV Lytic and Latent Infection                             |                                  | University of Cincinnati  | AI080581<br>AI081083              | 93.701<br>93.701 | 3,352.42                            | (3,125.95)<br>16,873.96         | 226.47<br>16,873.96       |
|            |   | RELM Peptides Alter Lung Defense  |                                  |   | AI083599                          | 93.701           | -                                   | 56,412.82                       | 56,412.82                 |
|            |   | Unbiased Forward Genetic Analysis of Virus/Host Interact  |                                  | University of Cincinnati  | AI087336                          | 93.701           | 34,865.60                           | 164,234.40                      | 199,100.00                |
|            |   | A Multi-center Clinical Trial of 1760 MCG of Daily Swall  |                                  | Childrens Hospital of Philadelphia<br>The Children's Hospital Association<br>University of Utah | Al088806                          | 93.701           | 20,000.00<br>19,484.74<br>81,176.08 | 227,285.88                      | 347,946.70                |
|            |   | Cincinnati Rheumatic Diseases Center  |                                  | •   | AR047363                          | 93.701           | · -                                 | 16,959.69                       | 16,959.69                 |
|            |   | Defining the complex genetics of Juvenile Idiopathic Art<br>Role and Regulation of the Human DEK Proto-Oncogene           |                                  |   | AR058587<br>CA116316              | 93.701<br>93.701 | -                                   | 165,749.56<br>16,645.15         | 165,749.56<br>16,645.15   |
|            |   | Rac GTPases as Targets in Lymphomagenesis   |                                  | University of Cincinnati  | CA116516<br>CA125658              | 93.701           | 5,877.11                            | 192,218.52                      | 198,095.63                |
|            |   | Prediction Model for Radiation Sensitivity in Children w  |                                  | Emory University MD Anderson Cancer Ctr   | CA139275                          | 93.701           | 13,949.10<br>(9,040.92)             | 16,371.98                       | 32,264.90                 |
|            |   |   |                                  | University of Cincinnati Vanderbilt University Medical Center                                   |                                   |                  | 10,057.27<br>927.47                 |                                 |                           |
|            |   | The Role of MLL-AF9 in Acute Myeloid Leukemia   |                                  | · · · · · · · · · · · · · · · · · · ·   | CA140518                          | 93.701           | -                                   | 174,919.00                      | 174,919.00                |
|            |   | Cincinnati Neuro-Oncology Research Core   |                                  |   | CA149239<br>DC008651              | 93.701<br>93.701 | -                                   | 724,350.83                      | 724,350.83                |
|            |   | Administrative Supplement-A Preclinical Trial<br>Wideband Clinical Diagnosis and Monitoring of Middle-Ear                 |                                  |   | DC000031<br>DC010202              | 93.701           | -                                   | 23,357.19<br>(3,587.53)         | 23,357.19<br>(3,587.53)   |
|            |   | Genetic Basis of Cleft Lip and Palate   |                                  | Washington University   | DE015207                          | 93.701           | 26,745.60                           | 3,552.40                        | 30,298.00                 |
|            |   | Molecular Patterning of Mammalian Dentition<br>Expression and Function of the Guanylin Ligand Family                      |                                  |   | DE018401<br>DK047318              | 93.701<br>93.701 | -                                   | 11,801.00<br>94,810.40          | 11,801.00<br>94,810.40    |
|            |   | Behavioral & Nutrition TX to Help CF Preschoolers Grow  |                                  | University of Arizona   | DK0549151                         | 93.701           | 24,411.88                           | (4,026.61)                      | 20,385.27                 |
|            |   | Intralumenal Effects in Cholesterol Absorption  |                                  | •   | DK068463                          | 93.701           | · -                                 | 13,248.92                       | 13,248.92                 |
|            |   | Self-Management of Type 1 Diabetes During Adolescence<br>Adolescent Bariatrics: Assessing Health Benefits & Risk          |                                  | Baylor College of Medicine.   | DK069486<br>DK072493              | 93.701<br>93.701 | 1,329.24                            | 5,158.77<br>229,598.13          | 5,158.77<br>340,594.86    |
|            |   | Addrescent bandures. Assessing Health benefits & Risk   |                                  | University of Pittsburgh University of Washington   | DR072493                          | 93.701           | 40,216.95<br>69,450.54              | 229,596.15                      | 340,394.66                |
|            |   | Comparative Effectiveness of Pediatric Eosinophilic Esop  |                                  | S relating of reastington   | DK076893                          | 93.701           | - 69,430.34                         | 421,955.30                      | 421,955.30                |
|            |   | Dig Health Ctr: Bench to Bedside Res in Ped Dig Disease   |                                  |   | DK078392                          | 93.701           | -                                   | (5,244.41)                      | (5,244.41)                |
|            |   | Mammalian Foregut and Liver Development<br>Glomerulosclerosis in Human FSGS and Animal Models                             |                                  |   | DK080823<br>DK081489              | 93.701<br>93.701 | -                                   | 351.88<br>148.417.18            | 351.88<br>148,417.18      |
|            |   | Nextgen Dissection of the Genomic Basis of Kidney Develo  |                                  |   | DK090891                          | 93.701           | -                                   | 626,661.94                      | 626,661.94                |
|            |   | Neurobehavioral Effects of Inseticide Exposure in Pregna  |                                  | University of Cincinnati  | ES015517                          | 93.701           | 54,813.57                           | 439,362.98                      | 494,176.55                |
|            |   | Exposure-induced Systemic Oxidative Stress in Children w  |                                  | Miami University University of Cincinnati   | ES016830                          | 93.701           | 6,500.00<br>1,412.81                | 92,087.02                       | 99,999.83                 |
|            |   | CRIM1-b-Catenin-Cadherin Interactions in Eye Development  |                                  | •   | EY019377                          | 93.701           | -                                   | 7,451.13                        | 7,451.13                  |
|            |   | Genomic Analysis of Pediatric SIRS and Septic Shock   |                                  | University of Cincinnati  | GM064619<br>HD012304              | 93.701<br>93.701 | 32,429.70                           | (32,470.25)<br>54.900.74        | (40.55)<br>54,900.74      |
|            |   | Recovery Act Administrative Supple-Language   |                                  |   | HD038578                          | 93.701           | -                                   | 32,536.83                       | 32,536.83                 |
|            |   | Molecular Signaling in Decidualization  |                                  |   | HD056044                          | 93.701           | -                                   | 160,317.17                      | 160,317.17                |
|            |   | Novel genetic and salivary glycan biomarkers for risk of<br>The Roles of Steel Factor in Germ Cell Behavior in the        |                                  | University of Alabama at Birmingham   | HD059140<br>HD060578              | 93.701<br>93.701 | 5,282.25                            | 8,905.68<br>46,442.73           | 14,187.93<br>46,442.73    |
|            |   | Mediating Factors in the Relationship between Obesity an  |                                  | University of California  | HD063275                          | 93.701           | 82,361.08                           | 65,576.40                       | 147,937.48                |
|            |   | Develop of Phone and Quest Scrng Protocol for Res in ASD  |                                  |   | HD065277                          | 93.701           | -                                   | 78,040.69                       | 78,040.69                 |
|            |   | Molecular Mechanism of Severe Congenital Neutropenia<br>Mechanisms Linking Metastasis to Tumor Procoagulant and           |                                  |   | HL079574<br>HL085545              | 93.701<br>93.701 | -                                   | 106,605.48<br>602.10            | 106,605.48<br>602.10      |
|            |   | Administrative Supplement Providing Summer Research   |                                  |   | HL086598                          | 93.701           | -                                   | 13,753.27                       | 13,753.27                 |
|            |   | Rac GTPase Inhibition in Chronic Myelogenous Leukemia   |                                  |   | HL087159                          | 93.701           | -                                   | 8,041.10                        | 8,041.10                  |
|            |   | Role of the embryonic node in cardiac development and co  |                                  |   | HL088639                          | 93.701           | -                                   | 694.33                          | 694.33                    |
|            |   | An Animal Model of Hemophagocytic Lymphohistiocytosis<br>Mechanism of Vasopressin-Mediated Placental Vascular Res         |                                  |   | HL091769<br>HL093683              | 93.701<br>93.701 | -                                   | 47,189.60<br>209.76             | 47,189.60<br>209.76       |
|            |   | Notch signaling in heart valve development and disease  |                                  |   | HL094319                          | 93.701           | -                                   | (5,056.60)                      | (5,056.60)                |
|            |   | Effects of IL-4 and IL-13 on Pulmonary Smooth Muscle in   |                                  |   | HL097360                          | 93.701           | -                                   | 128,421.49                      | 128,421.49                |
|            |   | Unbiased genome-wide screen to identify genes regulating<br>Pediatric Sepsis Biomarker Risk Model                         |                                  | Children's Hospital Med Cntr of Akron   | HL100315<br>HL100474              | 93.701<br>93.701 | 4,800.00                            | 71,079.23<br>139,439.13         | 71,079.23<br>146,639.13   |
|            |   | r columb depais biomarker rask Model  |                                  | Children's Mercy Hospital   | 11L1004/4                         | 55.701           | 1,200.00                            | 139,439.13                      | 140,038.13                |
|            |   |   |                                  | Columbia University   |                                   |                  | 300.00                              |                                 |                           |
|            |   |   |                                  | Nationwide Childrens Hospital<br>Pennsylvania State University                                  |                                   |                  | 600.00<br>300.00                    |                                 |                           |
|            |   | Development of an Asthma Research Core Center   |                                  | ograna cale directory   | HL101333                          | 93.701           | -                                   | 251,111.03                      | 251,111.03                |
|            |   |   |                                  |   |                                   |                  |                                     |                                 |                           |

|    |  |   |  |  | Federal Grant                                  |               |               |                          |                  |
|----|--|---|--|--|--|---------------|---------------|--------------------------|------------------|
| су | Gov Branch   | Award Title   | Pass-Through Grantor   | Subrecipient Name                              | Number   | CFDA          | Sub Exp       | Fed Exp                  | Total Exp        |
|    |  | Cincinnati Center for Neurofibromatosis Research                            |  | University of Cincinnati                       | NS057531                                       | 93.701        | 48,128.87     | (6,338.95)               | 41,789           |
|    |  | Short and long-term impact of neonatal seizures on hippo                    |  | •  | NS064378                                       | 93.701        | -             | (5,222.73)               | (5,222           |
|    |  | Illumina iScan System for the OMRF Microarray Research F                    |  |  | RR027190                                       | 93.701        | -             | 1,490.40                 | 1,490            |
|    |  | Rare Diseases Clinical Consortia for the Rare Diseases                      | University of California   |  | AI082973                                       | 93.701        | -             | 89,166.85                | 89,166           |
|    |  | Early Aggressive Therapy in Juvenile Idiopathic Arthriti                    | Children's Hosp & Reg Med Ct-Seattle   |  | AR049762                                       | 93.701        | _             | (458.90)                 | (458             |
|    |  | Development and Validation of a Disease-Specific Severit                    | Indiana Univ - Purdue Univ @ Inpls   |  | AR058767                                       | 93.701        | -             | 1,000.00                 | 1,000            |
|    |  | CARRA: Accelerating Toward an Evidence Based Culture in                     |  |  | AR058934                                       | 93.701        |               | 42,353.67                | 42,353           |
|    |  |   | National Childhood Cancer Foundation   |  | CA097452                                       | 93.701        | -             | 9,234.77                 | 42,353<br>9,234  |
|    |  | Children's Oncology Group Phase 1<br>Children's Oncology Chair Award #19383 | National Childhood Cancer Foundation<br>National Childhood Cancer Foundation |  | CA097452<br>CA098543                           |               | -             | 9,234.77<br>(134.75)     |                  |
|    |  |   |  |  |  | 93.701        | -             |                          | (134             |
|    |  | Expanding the Ohio IMmunization Registry to Include BMI                     | Hamilton County Public Health  |  | CPPW Ham Co - A                                |               | -             | 471,535.83               | 471,535          |
|    |  | Chronic Kidney Disease in Children (CKiD)                                   | Children's Mercy Hospital  |  | DK066143                                       | 93.701        | -             | 4,810.34                 | 4,810            |
|    |  | A Multi-Center Group to Study Acute Liver Failure in Ch                     | Children's Hospital of Pittsburgh  |  | DK072146                                       | 93.701        | -             | 1,566.89                 | 1,56             |
|    |  | SubClinical Cardiovascular disease in Youth (CVD)                           | University of Colorado   |  | DK078542                                       | 93.701        | -             | 71,354.79                | 71,35            |
|    |  | Immunosuppression Withdrawal for Stable Pediatric Liver                     | University of California, San Francisco                                      |  | DK083031                                       | 93.701        | -             | 27,884.18                | 27,88            |
|    |  | Calcineurine Inhibitor Minimization and FOXP3+ Tregs                        | Children's Hospital of Philadelphia  |  | DK087270                                       | 93.701        |               | 12,355.04                | 12,35            |
|    |  | Model systems for hematologic disorders caused by riboso                    | University of Cincinnati   |  | DK087680                                       | 93.701        |               | 2,283.85                 | 2,28             |
|    |  |   |  |  |  |               | -             |                          |                  |
|    |  | Diesel, Allergens and Gene Interactions and Child Atophy                    | University of Cincinnati   |  | ES011170                                       | 93.701        | -             | 16,060.10                | 16,06            |
|    |  | BPA Go Grant  | University of Rochester  |  | ES018736                                       | 93.701        | -             | (0.03)                   | (                |
|    |  | Evolution of Canalizing Mechanisms in Gene Expression                       | University of Chicago  |  | GM78381  | 93.701        | -             | 1,784.71                 | 1,78             |
|    |  | Pulmonary Progenitor Cells  | Oregon Health Sciences University  |  | HL100371                                       | 93.701        | -             | 33,867.20                | 33,86            |
|    |  | Develop of a Brief Screener for Research Diagnoses ASD                      | University of Michigan   |  | MH089721                                       | 93.701        | -             | 47,032.91                | 47,03            |
|    |  | Epilepsy Phenome/Genome Project   | University of California, San Francisco                                      |  | NS053998                                       | 93.701        | -             | 23,277.04                | 23,27            |
|    |  | The Ohio State University Center for Clinical and Transl                    | Ohio State University  |  | RR025755                                       | 93.701        | _             | 11,871.85                | 11,87            |
|    |  | Cincinnati Center for Clinical and Translational Science                    | University of Cincinnati   |  | RR026314                                       | 93.701        | -             | 117,459.04               | 117,45           |
|    |  | Gindiniali Genter for Gillical and Translational Science                    | University of Ciricinflati   |  |  | 93.701        | -             |                          |                  |
|    |  |   |  | Trans-NIH Recovery Act Research Support        | rt Total                                       |               | 702,250.45    | 6,433,952.62             | 7,136,20         |
|    | T 100 100 1  |   |  |  | DI/005740                                      | 00.040        | 407.044.7     | 4 004 007 5              | 4 50             |
|    | Trans-NIH Research Support                             | Open Source Science: Transforming Chronic Illness Care                      |  | University of Chicago                          | DK085719                                       | 93.310        | 127,814.71    | 1,301,027.54             | 1,506,39         |
|    |  |   |  | University of California                       |  |               | 6,193.89      |                          |                  |
|    |  |   |  | University of Southern California              |  |               | 4,236.55      |                          |                  |
|    |  |   |  | University of Vermont State                    |  |               | 67,123.14     |                          |                  |
|    |  | RAMPART Hamilton Schwartz   | University of Cincinnati   | <b>7</b> · · · · · · · · · · · · · · · · · · · | NS056975                                       | 93.310        |               | (1,556.19)               | (1,5             |
|    | University Centers for Excellence in Developmental Dis |   |  |  |  | -             | 205,368.29    | 1,299,471.35             | 1,504,8          |
|    |  |   |  | Trans-NIH Research Support Total               |  |               |               | .,,                      | .,,              |
|    |  | lopmental Dis UCDD Program  | University of Cincinnati   |  | 90 DD063804                                    | 93.632        | -             | 417,264.40               | 417,26           |
|    |  |   |  | University Centers for Excellence in Deve      | lence in Developmental Disabilities Education, |               |               |                          |                  |
|    |  |   |  | Research, and Service Total                    |  |               | -             | 417,264.40               | 417,264          |
|    | Vision Research  | Investigation of Mammalian Retinal Neuron Development                       |  |  | EY013612                                       | 93.867        | _             | 172.497.55               | 172.49           |
|    |  | Molecular Mechanisms of Retinal Determination Proteins                      |  |  | EY014648                                       | 93.867        | _             | 436,328.00               | 436,32           |
|    |  | Wnt Pathway Regulation of Lens Polarity                                     |  |  | EY016241                                       | 93.867        |               | 425,317.37               | 425,31           |
|    |  | RhoGTPases in Early Eye Development   |  |  | EY017848                                       | 93.867        | -             | 255,873.10               | 255,87           |
|    |  | Pros/Prox1 and Lens Development in Drosophila                               |  |  | EY017848<br>EY017907                           | 93.867        | -             | 255,873.10<br>360.498.34 | 255,87<br>360.49 |
|    |  |   |  |  |  |               | -             |                          |                  |
|    |  | Cell-Cell Signaling During Mammalian Early Eye Formation                    |  |  | EY018097                                       | 93.867        | -             | 200,595.12               | 200,59           |
|    |  | Eyes Absent Phosphatase Inhibitors In Eye Disease                           |  |  | EY019125                                       | 93.867        | -             | 113,063.09               | 113,0            |
|    |  | Retinal Microglia and Angiogenesis  |  |  | EY021636                                       | 93.867        | -             | 57,760.84                | 57,7             |
|    |  | Ocular HSV Infection-Latency and Pathogenesis                               | University of Cincinnati   |  | EY013168                                       | 93.867        | -             | 123,457.29               | 123,4            |
|    |  | Roles of CC Chemokine Activity in Mast Cell Responses an                    | University of Cincinnati   |  | EY019630                                       | 93.867        | -             | 294,132.83               | 294,1            |
|    |  | Roles of CC Chemokine Activity in wast Cell Responses an                    | Offiversity of Officialitati   | Vision Research Total                          |  | -             | -             | 2,439,523.53             | 2,439,5          |
|    |  |   |  |  |  |               |               | ,,                       | -, >, •          |
|    | Cooperative Agreements to Support State-               | -Based Safe   State-Based Perinatal Quality Collaborative                   | Ohio Department of Health  |  | DP003787                                       | 93.946        | <u>-</u>      | 96,058.53                | 96,0             |
|    |  |   |  | Cooperative Agreements to Support State        | e-Based Safe Motherho                          | od and Infant |               |                          |                  |
|    |  |   |  | Health Initiative Programs Total               |  |               | -             | 96,058.53                | 96,0             |
|    |  |   |  | •  |  |               |               | •                        |                  |
|    | Human Immunodeficiency Virus (HIV)/Aca                 | quired Immun CFHS Consortium Obesity Prevention                             | Ham Cnty Family & Children First Council                                     |  | CHFS Obesity Pre                               | vent 93.944   | -             | 84,075.93                | 84,0             |
|    | , , , ,  | ,   | , . ,  | Human Immunodeficiency Virus (HIV)/Ac          | ,  |               |               | - ,-                     |                  |
|    |  |   |  |  | quirea illilliulloueliciei                     | icy virus     |               |                          |                  |
|    |  |   |  | Syndrome (AIDS) Surveillance Total             |  |               | -             | 84,075.93                | 84,0             |
|    |  |   |  |  |  |               |               |                          |                  |
|    | Human Genome Research                                  | Better Outcomes for Children: GWAS & PheWAS in eMERG                        | EII.   |  | HG006828                                       | 93.172        | -             | 2,217.97                 | 2,2              |
|    |  |   |  | Human Genome Research Total                    |  | -             | -             | 2,217.97                 | 2,2              |
|    |  |   |  |  |  |               |               |                          | -                |
|    | Prevention and Public Health Fund (Afford              | dable Care Ac Enhanced Surveillance for New Vaccine Preventable Diseas      |  |  | IP000458                                       | 93.533        | -             | 198,085.74               | 198,0            |
|    |  |   |  | Prevention and Public Health Fund (Affor       |  |               |               | 7                        | ,.               |
|    |  |   |  |  |  | ood           |               | 400 005 74               | 400              |
|    |  |   |  | Surveillance for New Vaccine Preven Tot        | aı   |               | •             | 198,085.74               | 198,0            |
|    |  |   |  | Dept of Health and Human Serv Total            |  | -             | 12,990,946.84 | 115,253,519.20           | 128,244,         |
|    |  | Alcohol and Drug Services   |  |  |  | 93.959        |               | 299,338.17               | 299              |
|    |  | Mental Health   |  |  |  | 33.333        |               | 257.630.45               | 257              |
|    |  |   |  |  |  | 00.040        |               |                          |                  |
|    |  | Maternal Depression Screening   |  |  |  | 93.243        |               | 9,945.44                 | 9,               |
|    |  |   |  |  |  |               |               |                          |                  |
|    |  |   |  |  |  |               |               |                          |                  |
|    |  |   |  |  |  | _             |               |                          |                  |

### CHILDREN'S HOSPITAL MEDICAL CENTER AND AFFILIATES

# NOTES TO SUPPLEMENTARY SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS FOR THE YEAR ENDED JUNE 30, 2012

### 1. SCOPE OF AUDIT

All Federal grant operations of Children's Hospital Medical Center ("the Medical Center"), are included in the scope of the Office of Management and Budget (OMB) Circular A-133 audit (the "single audit"). Single audits are performed in accordance with the provisions of the OMB's Compliance Supplement for Single Audits of Higher Learning Institutions and other Non-Profit Institutions (the "Compliance Supplement"). The Department of Health and Human Services has been designated as the Medical Center's cognizant Medical Center for the single audit.

#### 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

**Basis of Presentation** — The accompanying Supplementary Schedule of Expenditures of Federal Awards includes the Federal grant activity of the Medical Center and is presented on the accrual basis of accounting. This is consistent with the basis of accounting used in the preparation of the basic consolidated financial statements.

*Net Asset Balances* — Negative amounts represent grants with deficit balances which were closed during fiscal 2012.

\* \* \* \* \* \*



Deloitte & Touche LLP 250 E. 5th Street Suite 1900 Cincinnati, OH 45202-5109

Tel: +1 513 784 7100 Fax: +1 513 784 7204 www.deloitte.com

# REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH GOVERNMENT AUDITING STANDARDS

To the Board of Trustees of Children's Hospital Medical Center and Affiliates Cincinnati, Ohio

We have audited the consolidated financial statements of Children's Hospital Medical Center and Affiliates ("Cincinnati Children's") as of and for the year ended June 30, 2012, and have issued our report thereon dated October 26, 2012, which report expressed an unqualified opinion. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States.

### **Internal Control Over Financial Reporting**

In planning and performing our audit, we considered Cincinnati Children's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of Cincinnati Children's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of Cincinnati Children's internal control over financial reporting.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be deficiencies, significant deficiencies or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

### **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether Cincinnati Children's' financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

This report is intended solely for the information and use of the Board of Trustees, management, others within the entity, federal awarding agencies, and pass- through entities, and is not intended to be and should not be used by anyone other than these specified parties.

Deloitte & Tarche LLP

October 26, 2012, Except for Note 13, as to which the date is February 1, 2013



Deloitte & Touche LLP 250 E. 5th Street Suite 1900 Cincinnati, OH 45202-5109

Tel: +1 513 784 7100 Fax: +1 513 784 7204 www.deloitte.com

# REPORT ON COMPLIANCE WITH REQUIREMENTS THAT COULD HAVE A DIRECT AND MATERIAL EFFECT ON EACH MAJOR PROGRAM AND ON INTERNAL CONTROL OVER COMPLIANCE IN ACCORDANCE WITH OMB CIRCULAR A-133

To the Board of Trustees of Children's Hospital Medical Center and Affiliates Cincinnati, Ohio

### Compliance

We have audited the compliance of Cincinnati Children's Hospital Medical Center and Affiliates ("Cincinnati Children's") with the types of compliance requirements described in the *OMB Circular A-133 Compliance Supplement* that could have a direct and material effect on each of Cincinnati Children's major federal programs for the year ended June 30, 2012. Cincinnati Children's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs. Compliance with the requirements of laws, regulations, contracts, and grants applicable to each of its major federal programs is the responsibility of Cincinnati Children's management. Our responsibility is to express an opinion on Cincinnati Children's compliance based on our audit.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about Cincinnati Children's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion. Our audit does not provide a legal determination of Cincinnati Children's compliance with those requirements.

In our opinion, Cincinnati Children's complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2012.

### **Internal Control Over Compliance**

Management of Cincinnati Children's is responsible for establishing and maintaining effective internal control over compliance with the requirements of laws, regulations, contracts, and grants applicable to federal programs. In planning and performing our audit, we considered Cincinnati Children's internal control over compliance with the requirements that could have a direct and material effect on a major federal program to determine our auditing procedures for the purpose of expressing our opinion on compliance, and to test and report on internal control over compliance in accordance with OMB Circular A-133, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of Cincinnati Children's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A material weakness in internal control over compliance is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above.

This report is intended solely for the information and use of the Board of Trustees, management, others within the entity federal awarding agencies, and pass-through entities and it is not intended to be and should not be used by anyone other than these specified parties.

Deloite & Tarche LLP

October 26, 2012, Except for Note 13, as to which the date is February 1, 2013

#### CHILDREN'S HOSPITAL MEDICAL CENTER AND AFFILIATES

# SCHEDULE OF FINDINGS AND QUESTIONED COSTS FOR THE YEAR ENDED JUNE 30, 2012

Auditee qualified as low-risk auditee?

# PART I. SUMMARY OF AUDITOR'S RESULTS Financial Statements: Unqualified Type of auditor's report issued: Internal control over financial reporting: Material weakness(es) identified? Yes X No None Significant deficiency(ies) identified? X reported Yes Noncompliance material to financial statements noted? Yes X No Federal Awards: Internal control over major programs: Material weakness(es) identified? Yes X No Significant deficiency(ies) identified? None X reported Yes Unqualified Type of auditor's report issued on compliance for major programs: Any audit findings disclosed that are required to be reported accordance with section 510(a) of OMB Circular A-133? Yes X No Identification of Major Programs: Name of Federal Program or Cluster **CFDA Number** Research and Development\* Various Children's Hospital Medical Center has determined that its entire research and development program inclusive of all research and development grant activity should be considered clustered and as such, constitutes one major program. Dollar threshold used to distinguish between Type A and Type B programs? \$ 3,000,000 Research and Development program tested as a single Type A program

X Yes

No

# CHILDREN'S HOSPITAL MEDICAL CENTER AND AFFILIATES

# SCHEDULE OF FINDINGS AND QUESTIONED COSTS FOR THE YEARS ENDED JUNE 30, 2012 AND 2011

### PART II. FINANCIAL STATEMENT FINDINGS SECTION

# 2012 Findings

No findings are reportable for fiscal year 2012.

# 2011 Findings

No findings are reportable for fiscal year 2011.

### PART III. FEDERAL AWARD FINDINGS AND QUESTIONED COSTS SECTION

# 2012 Findings

No findings are reportable for fiscal year 2012.

# 2011 Findings

No findings are reportable for fiscal year 2011.