

Adolescent Medicine Report, 2009-10

Division Photo



Front Row (L to R): J Hillman, C Lehmann, J Huppert, M Britto, J Kahn, L Mitan. Back Row (L to R): L Widdice, E Lipstein, M Spigarelli, P Benson, F Biro, P Braverman. Missing: L Ayensu-Coker, L Breech, L Dorn, J Rauh

Division Data Summary

Research and Training Details

Number of Faculty	16
Number of Joint Appointment Faculty	2
Number of Research Fellows	4
Number of Research Students	1
Number of Support Personnel	79
Direct Annual Grant Support	\$2,803,913
Direct Annual Industry Support	\$65,243
Peer Reviewed Publications	35

Clinical Activities and Training

Number of Clinical Staff	19
Number of Clinical Fellows	10
Number of Clinical Students	50
Number of Other Students	10
Inpatient Encounters	3,950
Outpatient Encounters	23,037

Significant Publications

Britto MT, Fuentes-Afflick E, Sectish TC, Stanton B. Federation of Pediatric Organizations Task Force on

Women in Pediatrics II: Survey of active members of the Society for Pediatric Research regarding part-time and flexible work. J Pediatr 2009 Oct;155:459-60.

This study demonstrated that many research intensive pediatric faculty, especially women, desire part-time and flexible work. Numerous institutional, attitudinal, and logistical barriers were identified. This work is guiding the next phase of the work of the FOPO Task Force on Women in Pediatrics II.

Hillman JB, Dorn LD, Huang B. Association of anxiety and depressive symptoms and adiposity among adolescent females using dual energy x-ray absorptiometry. Clin Pediatr 2010 Mar;49:671-720. Published online 2010 Mar;doi:10.1177/0009922810363155.

This study evaluated the association between anxiety and depressive symptoms and obesity among adolescent females using adiposity measures from DXA as well as more standard measures such as BMI calculated from measured height and weight. Trait anxiety and depressive symptoms were positively associated with BMI and percentage body fat; higher anxiety and depressive symptoms were associated with an increased BMI and a higher percentage of body mass from fat. The findings demonstrate a link between psychological distress and objective measures of adiposity during the critical developmental period of adolescence.

Huang B, Biro FM, Dorn LD. Determination of relative timing of pubertal maturation through ordinal logistic modeling: evaluation of growth and timing parameters. J Adolesc Health 2009 Oct;45:383-8.

This manuscript introduced a novel statistical approach for examining the contribution of relative timing of pubertal maturation, using ordinal logistic modeling. This statistical approach could be extended to other analyses, especially those incorporating relative timing of an event as an important explanatory variable.

Kahn JA. HPV vaccination for the prevention of cervical intraepithelial neoplasia. N Engl J Med 2009 Jul;361:271-8.

A Clinical Therapeutics review in The New England Journal of Medicine was entitled "HPV Vaccination for the Prevention of Cervical Intraepithelial Neoplasia." The article begins with a case vignette of a young woman requesting HPV vaccination. The remainder of the article is devoted to discussion of the pathophysiology and clinical sequelae of HPV infection, clinical trials data regarding HPV vaccines, clinical use of HPV vaccines, remaining areas of uncertainty, and published guidelines concerning use. The article concludes with author's recommendations for HPV vaccination. The article provides guidance for practicing clinicians regarding use of HPV vaccines.

Kowalczyk Mullins TL, Braverman PK, Dorn LD, Kollar LM, Kahn JA. Adolescent preferences for human immunodeficiency virus testing methods and impact of rapid tests on receipt of results. J Adolesc Health 2010 Feb;46:162-8.

Adolescents who had agreed to HIV testing were offered their choice of HIV testing method. Seventy percent of participants chose rapid HIV testing with oral fluid or fingerstick whole blood sampling, contrasted to traditional venipuncture enzyme immunoassay HIV testing. Adolescents who chose a rapid HIV testing method were significantly more likely to receive their HIV test results during the follow-up period when compared to those who chose traditional venipuncture testing (91.3% vs. 46.7%).

Division Collaboration

Collaboration with Asthma Innovation Lab

Collaborating Faculty: Byczkowski, T

Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness (Britto, Lipstein)

Collaboration with Asthma Research

Collaborating Faculty: Hershey, G

Cincinnati Genomic Control Cohort project (Spigarelli)

Collaboration with Behavioral Medicine & Clinical Psychology

Collaborating Faculty: Crawford, P

Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness (Britto)

Collaboration with Behavioral Medicine & Clinical Psychology

Collaborating Faculty: Crosby, L

Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness (Britto, Lipstein)

Collaboration with Behavioral Medicine & Clinical Psychology

Collaborating Faculty: Myers, J

Workshop: ADHD, Conduct Disorder, and Oppositional Defiant Disorder (Braverman)

Collaboration with Behavioral Medicine & Clinical Psychology

Collaborating Faculty: Noll, J

Co-Investigator on grant submission and co-author of subsequent manuscripts (Dorn)

Collaboration with Behavioral Medicine & Clinical Psychology

Collaborating Faculty: Smolyansky, B

ADHD Collaborative (Biro)

Workshop: Mood Disorders in Teens (Braverman)

The Linder Center re: eating disorders (Biro & Mitan)

Collaboration with Biomedical Informatics

Collaborating Faculty: Medvedovich, M

Genomic and Proteomic Biomarkers of Biologic Responses to Exposure grant (Biro)

Collaboration with Biomedical Informatics

Collaborating Faculty: Spooner, A

EPIC Implementation Project (Britto)

Collaboration with Biostatistics & Epidemiology

Collaborating Faculty: Huang, B

Innovative Modeling of Puberty and Substance Use Risk (Biro)

Puberty and Cancer Initiation: Environment, Diet and Obesity (Biro)

Behavioral and Virologic Impact of HPV Immunization (Kahn)

Collaboration with Biostatistics & Epidemiology

Collaborating Faculty: Morrow, A

Cincinnati Genomic Control Cohort project (Spigarelli)

Collaboration with Cardiology

Collaborating Faculty: Morrison, J

NHLBI Growth & Health Study (Biro)

Collaboration with Career Development

Collaborating Faculty: Degen, S

Fifth ThirdBank/Charlotte R Schmidlapp Women's Scholars Program (Dorn)

New position as Assistant Chair of Academic Affairs & Faculty Development (Kahn)

Collaboration with Center for Better Health and Nutrition

Collaborating Faculty: Siegel, R

The Advanced Clinic held monthly at Oak location; Providing gynecologic and adolescent medicine consultation for obese adolescents with multiple obesity-related co-morbidities in a multidisciplinary clinic setting (Hillman)

Collaboration with Center for Health Care Quality

Collaborating Faculty: Margolis, P

Outcomes Research Project (Huppert)

Collaboration with Child & Adolescent Psychiatry

Collaborating Faculty: Brown, D

Workshop: Addressing Issues of Gay, Lesbian, Bisexual, Transgender, and Questioning Youth (Benson, Braverman, & Spigarelli)

Collaboration with Child & Adolescent Psychiatry

Collaborating Faculty: Burger, J; Collins, Y; Nelly, P; Nelson, D; Schappacher, S; Sorter, M

Workshop: Mood Disorders in Teens (Braverman)

Collaboration with Child & Adolescent Psychiatry

Collaborating Faculty: Engel, C

Psychiatric consultation (all Adolescent Medicine care providers)

Collaboration with Child & Adolescent Psychiatry

Collaborating Faculty: Sorter, M

The Linder Center re: eating disorders (Biro & Mitan)

Improving quality care of mental health needs of inpatient adolescents (Biro & Mitan)

Collaboration with Clinical Research Center

Collaborating Faculty: Heubi, J

Smoking and Metabolic Complications in Adolescent Girls (Dorn)

Collaboration with Developmental & Behavioral Pediatrics

Collaborating Faculty: Schonfeld, D

ADHD Collaborative (Biro)

Collaboration with Emergency Medicine

Collaborating Faculty: Byczkowski, T

Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness (Britto, Lipstein)

Collaboration with Emergency Medicine

Collaborating Faculty: Fitzgerald, M

UC medical education grant: A computer-based tool for providing feedback to residents (Lehmann)

Collaboration with Emergency Medicine

Collaborating Faculty: McAneney, C

Medical Student Scholars Program in Pediatrics; workshop of program at annual COMSEP meeting (Lehmann)
Ad-hoc task force for improvements for medical student communication/IT at CCHMC (Lehmann)

Collaboration with Emergency Medicine

Collaborating Faculty: Reed, J

A Strategy to Improve STI Testing and Results Notification in Adolescents: Advanced Improvement Methods (Huppert)
Center for Point of Care Technologies Research for STDs (Huppert)
Outcomes Research Project (Huppert)

Collaboration with Emergency Medicine

Collaborating Faculty: Vaughn, L

Initiative on Poverty, Justice and Health Elective, and submitted publication regarding program (Lehmann)
Qualitative study of barriers to care of HIV infected orphans in Southern Africa (Lehmann)
Attachment styles and eating disordered behavior in college age women (Lehmann)

Collaboration with Endocrinology

Collaborating Faculty: Backeljauw, P

Discussions re: a center for treatment of patients with adrenogenital disorders (Ayensu-Coker)

Collaboration with Endocrinology

Collaborating Faculty: Backeljauw, P; Rose, S

Young Adults with Turner Syndrome (Pediatric & Adolescent Gynecology Team)

Collaboration with Endocrinology

Collaborating Faculty: Backeljauw, P; Rutter, M

Disorders of Sexual Development Group (Pediatric & Adolescent Gynecology Team)

Collaboration with Endocrinology

Collaborating Faculty: Lovell, D

Parent decision-making about treatment with biologics (Lipstein)

Collaboration with Endocrinology

Collaborating Faculty: Rose, S

Premature Adrenarche Study (Dorn)

Collaboration with Gastroenterology, Hepatology and Nutrition, & General Clinical Research Center

Collaborating Faculty: Denson, L

Metabolic Consequences of Substance Use in Adolescent Girls (Dorn)

Collaboration with Gastroenterology, Hepatology and Nutrition, & General Clinical Research Center

Collaborating Faculty: Denson, L

Parent decision-making about treatment with biologics (Lipstein)

Collaboration with Gastroenterology, Hepatology and Nutrition, & General Clinical Research Center

Collaborating Faculty: Heubi, J

Puberty and Cancer Initiation: Environment, Diet and Obesity (Biro)
Clinical Translational Sciences Award (Spigarelli)

Collaboration with General & Community Pediatrics

Collaborating Faculty: Brinkman, W

Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness (Britto, Lipstein)

Collaboration with General & Community Pediatrics

Collaborating Faculty: Copeland, K

Behavioral and Virologic Impact of HPV Vaccines (Kahn)

Collaboration with General & Community Pediatrics

Collaborating Faculty: Guiot, A; Klein, M; Peltier, C

Ad-hoc task force for improvements for medical student communication/IT at CCHMC (Lehmann)

Collaboration with General & Community Pediatrics

Collaborating Faculty: Kalkwarf, H

Bone Mineral Density in Childhood (Biro)
Puberty and Cancer Initiation: Environment, Diet and Obesity (Biro)
Smoking and Metabolic Complications in Adolescent Girls (Dorn)
Metabolic Consequences of Substance Use in Adolescent Girls (Dorn)

Collaboration with General & Community Pediatrics

Collaborating Faculty: Vossmeier, M

General Inpatient Service (GIS) (Biro)

Collaboration with Health Policy & Clinical Effectiveness

Collaborating Faculty: Kotagal, U

Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness; EPIC Implementation Project (Britto)

Collaboration with Hematology/Oncology

Collaborating Faculty: Burns, K; Pereutesis, J

Cancer survivorship and fertility preservation (Ayensu-Coker)

Collaboration with Hematology/Oncology

Collaborating Faculty: Mullins, E

Young Women with Bleeding Disorders Program (Ayensu-Coker)

Collaboration with Hematology/Oncology

Collaborating Faculty: Wells, S

Mentor, Building Interdisciplinary Careers in Women's Health (BICWH) (Widdice)

Collaboration with Hereditary Cancer Program

Collaborating Faculty: Rushman, J

Puberty and Cancer Initiation: Environment, Diet and Obesity (Biro)

Collaboration with House Staff

Collaborating Faculty: Gonzalez, J; Mallory, M

Medical student and resident education (Lehmann)

Collaboration with Human Genetics

Collaborating Faculty: Hopkin, R; Saal, H

Disorders of Sexual Development Group; Discussions re: a center for treatment of patients with adrenogenital disorders (Breech)

Collaboration with Infectious Diseases

Collaborating Faculty: Bernstein, D

Mentor, Vaccine & Treatment Evaluation Unit (VTEU) grant; VTEU Network (Spigarelli)

Behavioral and Virologic Impact of HPV Vaccines (Kahn)

Mentor, Building Interdisciplinary Careers in Women's Health (BICWH) (Widdice)

Collaboration with Infectious Diseases

Collaborating Faculty: Brady, R

A Pharmacokinetic/Pharmacodynamic and Safety Evaluation of Tamiflu (Spigarelli)

Rotation of fellows through the pediatric HIV clinic. Provide related lectures (Lehmann)

Collaboration with Infectious Diseases

Collaborating Faculty: Frenck, R

Co-editor for AMSTARs Issue on Infectious Disease and Immunizations (Braverman)

Collaboration with Information Systems

Collaborating Faculty: Blacklidge, M

EPIC Inpatient Templates for Adolescent Medicine GIS/Green Team Service (Benson)

Collaboration with Mayerson Center

Collaborating Faculty: Makaroff, K

Guidelines for non-occupational exposure of HIV (Lehmann)

Collaboration with Pathology & Laboratory Medicine

Collaborating Faculty: Mortensen, J

Center for Point of Care Technologies Research for STDs; Rapid Trichomonas Tests: A Teen STI Prevention Strategy (Huppert)

Collaboration with Nursing

Collaborating Faculty: Ekstrand, R

A Strategy to Improve STI Testing and Results Notification in Adolescents: Advanced Improvement Methods (Huppert)

Collaboration with Pastoral Care

Collaborating Faculty: Grosseohme, D

Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness (Britto, Lipstein)

Collaboration with Pediatric Surgery

Collaborating Faculty: Inge, T

Provides gynecological and reproductive health consultation as part of the pre-operative bariatric surgery evaluation (Surgical Weight Loss Program for Teens(SWLPT) (Pediatric & Adolescent Gynecology Team & Hillman)

Collaboration with Pediatric Surgery

Collaborating Faculty: Levitt, M; Pena, A

Colorectal Center for Children (Breech)

Collaboration with Pediatric Urology

Collaborating Faculty: Alam, S; DeFoor, R; Minevich, E; Noh, P; Reddy, P; Sheldon, C; Traxel, E

Disorders of Sexual Development Group; Urogenital Center (Breech)

Collaboration with Pediatric Urology

Collaborating Faculty: DeFoor, W

Research on vesicoureteral reflux (Spigarelli)

Collaboration with Personalized & Predictive Medicine

Collaborating Faculty: Kovacic, M

R01 application on HPV in Fanconis anemia patients (Widdice)

Collaboration with Preventive Cardiology

Collaborating Faculty: Urbina, E

Cardiovascular risk factors (Biro)

Collaboration with Pulmonary Medicine

Collaborating Faculty: Seid, M

Chronic Care Research Group, Center for Innovation in Chronic Disease Health Policy & Clinical Effectiveness (Britto, Lipstein)

Collaboration with Rheumatology

Collaborating Faculty: Glass, D

Cincinnati Genomic Control Cohort project (Spigarelli)

Collaboration with Rheumatology

Collaborating Faculty: Thornton, S

SURF and medical student scholars program in Pediatrics (Lehmann)

Collaboration with Sports Medicine Biodynamics Center

Collaborating Faculty: Hewett, T

Identifying Female Athletes at High Risk for ACL Injury (Biro)

Faculty Members

Frank Biro, MD, Professor Clinical ; *Rauh Chair of Adolescent Medicine; Director, Division of Adolescent Medicine; Member, Search Committee, Director of Clinical Epidemiology & Biostatistics*

Research Interests: Environmental influences on body composition and pubertal timing; impact of peripubertal changes on risk factors for breast cancer.

Leslie Ayensu-Coker, MD, Assistant Professor Clinical

Research Interests: Hormone replacement therapy in ovarian insufficiency; conditions of sexual differentiation; adrenogenital disorders; fertility preservation in patients receiving chemotherapy; disorders of sexual development

Paul Benson, MD, MPH, Assistant Professor Clinical ; *Co-Director, GLBTA, CCHMC; Faculty Assessor, University of Cincinnati Annual Cincinnati Scholarship Competition*

Research Interests: Health care access for GLBT adolescents; obesity treatment

Paula Braverman, MD, Professor Clinical ; *Director of Community Programs, Division of Adolescent Medicine*

Research Interests: Program development of community programs, including "FUN & FIT" and the Postponing Sexual Involvement (PSI) Program

Lesley Breech, MD, Associate Professor Clinical ; *Section Leader, Section of Pediatric & Adolescent Gynecology*

Research Interests: Outcomes after surgical treatment of genital anomalies; management of young women with bleeding disorders.

Maria Britto, MD, MPH, Professor ; *Director, Center for Innovation in Chronic Care; Assistant Vice-President, Chronic Care Programs; Co-Director, Clinical Epidemiology and Clinical Effectiveness Track of the Masters of Science in Clinical Research; Faculty Lead, EPIC-Quality Integration Initiative; Faculty Lead, Patient Portals; Co-Leader, Advanced Improvement Methods Course*

Research Interests: Health care quality, especially for adolescents with chronic illness

Lorah Dorn, PhD, Professor ; *Director of Research, Division of Adolescent Medicine; Chairman, Fifth Third Bank/Charlotte R Schmidlapp Womens Scholars Program*

Research Interests: Behavioral endocrinology with respect to puberty and adolescence

Jennifer Hillman, MD, Assistant Professor Clinical

Research Interests: The association of anxiety, depression, and obesity among adolescent girls; hormonal contraception and polycystic ovary syndrome among severely obese adolescent females.

Jill Huppert, MD, MPH, Assistant Professor Clinical

Research Interests: Reduction of the negative health consequences of STIs, especially Trichomoniasis, in young women.

Jessica Kahn, MD, MPH, Associate Professor ; *Director of Research Training, Division of Adolescent Medicine; Assistant Chair for Academic Affairs and Faculty Development*

Research Interests: Cervical cancer prevention, human papillomavirus (HPV) in adolescents, HPV and other adolescent vaccines, HIV in adolescents, global delivery of HPV vaccines

Corinne Lehmann, MD, Associate Professor Clinical ; *Director, Medical Student & Resident Rotations; Director, Medical Students Scholar Program in Pediatrics; Medical Director, Special Care Clinic (for pediatric HIV patients)*

Research Interests: Medical education of physician residents

Laurie Mitan, MD, Associate Professor Clinical ; *Director, Eating Disorders Program, Division of Adolescent Medicine*

Research Interests: Treatment issues in patients with eating disorders

Joseph Rauh, MD, Professor Clinical ; *Professor Emeritus*

Michael Spigarelli, MD, PhD, Assistant Professor Clinical ; *Director, Adolescent Medicine Fellowship; Director, Clinical*

Trials Office

Research Interests: Understanding how pubertal and nutritional status affect pharmacokinetics, pharmacodynamics, and pharmacogenetics in adolescents

Lea Widdice, MD, Assistant Professor Clinical

Research Interests: Epidemiology of HPV and effects of HPV vaccination

Clinical Staff Members

- **Susan Brown, MD**
- **Ann Marie Dougherty, RD, LD**
- **James Ebert, MD**
- **Carol Engel, MD**
- **Lauren Ettinger, RD**
- **Susannah Grimes, MSN, PNP**
- **Linda Kollar, MSN, PNP**
- **Linda Martin, MSSW, LISW**
- **Anne Martina, MSN, CNP**
- **Edith Morris, PhD, RN, CS-PNP**
- **Tanya Kowalczyk Mullins, MD**
- **Shannon Myatt, RN, MSN, CPNP**
- **Janet Nash, LISW**
- **Lisa Reebals, RN, CNP**
- **Jane Parker Smith, RN, CNP**
- **Ronna Staley, MD**
- **Anna Liisa Vockell, CNP**
- **Louise Watts, MSN**
- **Giselle Schneider Weller, MD**
- **Janet Wimberg, MSW**

Trainees

- **Kenisha Campbell, MD,** 1st yr, University of Rochester Medical Center
- **Michele Dritz, MD,** 2nd yr, St Louis Children's Hospital
- **Jason Mehrrens, MD,** 2nd yr, Gen Leonard Wood Army Community Hospital
- **Tanya Mullins, MD,** 2nd yr, Medical Univ of South Carolina
- **Sonya Negriff, PhD,** 2nd yr, Univ of Southern California
- **Lisa Lam Park, MD,** 3rd yr, Georgetown University
- **Chad Shenk, PhD,** 2nd yr, Univ of Rochester Medical Center
- **Akilah Weber-Lashore, MD,** 1st yr, John H Stroger Hospital of Cook County, Chicago IL

Significant Accomplishments

Establishing Best Practices

In our ongoing efforts to improve our clinical practice, the division continued a monthly seminar series examining current clinical behaviors and establishing best outcomes for specific conditions. We focused on conditions that occur frequently or have a high morbidity, including asthma, obesity, depression, STI/HIV screening and immunization.

For each condition, we studied current practices and reviewed scientific literature to determine national data and evidence-based practices. After establishing clinical markers, the group examines subsequent data and monitors improvement.

Based on recommendations from the NHLBI for asthma management, the asthma best practices group defined “perfect care” as documenting asthma severity, using controller and rescue medication appropriately and developing an asthma action plan.

Our most recent monthly chart survey showed that 75 percent of asthma patients at Cincinnati Children’s had received

“perfect care.” The division plans to launch programs to improve clinical outcomes of one additional condition each year.

Educating Ohio Students

Paula Braverman, MD, received funding through the State of Ohio to develop health, sexual health and HIV prevention curricula for middle- and high-school students. The Ohio Department of Health also posted her report on guidelines for sexual health and adoption education.

Most recently, Braverman and her team received funding from the National Campaign to Prevent Teen and Unplanned Pregnancy for the “Man2Man” project, currently implemented in local recreation centers and the Hamilton County Juvenile Detention Center. This innovative program includes weekly small group sessions for adolescent male students, led by adult male facilitators. The sessions include discussions about fatherhood, relationships, decision-making, abstinence, HIV risk behaviors, skills integration and contraceptive protection.

Division Publications

1. :

Grants, Contracts, and Industry Agreements

Grant and Contract Awards

Annual Direct / Project Period Direct

Biro, F

Puberty and Cancer Initiation: Environment Diet and Obesity

University of Cincinnati (National Institutes of Health)

U01 ES 012770

09/29/03 - 07/31/10

\$200,542 / \$1,419,806

Genomic and Proteomic Biomarkers of Biologic Responses to Exposure

University of Alabama-Birmingham (National Institutes of Health)

U01 ES 016003

08/15/07 - 05/31/11

\$44,719 / \$186,300

Exposure Assessment of Biomarkers of Polyfluoroalkyl Compounds in Persons Living in the Ohio River Valley

University of Cincinnati (National Institutes of Health)

R21 ES 017176

08/19/08 - 07/31/10

\$12,148 / \$24,200

Impact of Peripubertal Exposure to Xenohormones on Fat Distributions and Cytokines

National Institutes of Health

R21 ES 017315

04/01/10 - 03/31/12

\$206,991 / \$324,400

Braverman, P

Male Youth-Juvenile Court

National Campaign to Prevent Teen and Unplanned Pregnancy

10/05/09 - 03/01/11

\$92,593 / \$92,593

Health Educators Focus Groups: Investigating the Definition of Comprehensive Health Education on Ohio Schools

Ohio Department of Education

08/01/09 - 06/30/10

\$17,575 / \$17,575

HIV Prevention Guidelines

Ohio Department of Education

12/22/09 - 06/30/11

\$70,000 / \$140,000

Britto, M

Developing Quality Measures to Assess Pediatric Inpatient Respiratory Care

Children's Hospital & Regional Medical Center-Seattle (National Institutes of Health)

R01 HL 088503

03/01/09 - 02/28/14

\$66,439 / \$389,122

Dorn, L

Metabolic Consequences of Substance Use in Adolescent Girls

National Institutes of Health

R21 DA 025312

05/15/09 - 04/30/11

\$125,000 / \$275,000

Hillman, J

Cincinnati Interdisciplinary Women's Health Research Career Training Grant

University of Cincinnati (National Institutes of Health)		
K12 HD 051953	05/01/09 - 07/31/15	\$118,239 / \$146,995

Huppert, J
Center for Point-of-Care Technologies Research for STDs

The Johns Hopkins University (National Institutes of Health)		
U54 EB 007958	09/30/07 - 06/30/12	\$47,299 / \$213,780

STD/HIV Prevention Training Centers

City of Cincinnati Health Department (Centers for Disease Control and Prevention)		
	04/01/07 - 03/31/11	\$23,296 / \$88,117

Kahn, J
ATN Coordinating Center

University of Alabama-Birmingham (National Institutes of Health)		
U01 HD 040533	03/01/07 - 02/28/11	\$54,679 / \$158,242

Behavioral and Virologic Impact of HPV Immunization

National Institutes of Health		
R01 AI 073713	01/15/08 - 12/31/12	\$395,284 / \$1,942,921

Behavioral and Virologic Impact of HPV Immunization - Summer Supplement

National Institutes of Health		
R01 AI 073713	06/19/09 - 09/30/10	\$10,000 / \$10,000

Recommendation of HPV Vaccination Among US Physicians

H. Lee Moffitt Cancer Center & Research Insti (National Institutes of Health)		
R01 AI 076440	07/02/08 - 06/30/12	\$10,437 / \$43,461

HPV Vaccination of Underserved Adolescent and Young Women in Pennsylvania

University of Pennsylvania (Pennsylvania Department of Health)		
	06/01/09 - 05/31/11	\$3,399 / \$3,399

HPV Vaccination, Attitudes and Sequential Behaviors In Adolescent Women

Indiana University (National Institutes of Health)		
R56 AI 079090	09/11/09 - 08/31/10	\$21,433 / \$21,433

Spigarelli, M
Clinical Trials for Antiviral Therapies

University of Alabama-Birmingham (National Institutes of Health)		
N01 AI 30025	10/01/07 - 07/31/10	\$8,500 / \$188,691

Widdice, E
Cincinnati Interdisciplinary Women's Health Research Career Training Grant

University of Cincinnati (National Institutes of Health)		
K12 HD 051953	01/01/07 - 07/31/11	\$234,370 / \$414,518

Current Year Direct	\$2,803,913
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Industry Contracts
Huppert, J

Gen-Probe Incorporated		\$ 43,120
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Spigarelli, M

Pfizer, Inc.		\$ 7,508
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Takeda Global Research & Development Ctr, Inc.		\$ 14,615
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Current Year Direct Receipts	\$65,243
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Service Collaborations
Braverman, P

FUN & FIT; Clinical and Translational Science Awards (CTSA)		\$ 18,074
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Kahn, J

World Health Organization

\$ 36,152

Current Year Direct**\$1,055,372****Funded Collaborative Efforts****Biro, F****Genome Wide Association Study of Bone Mineral Accretion During Childhood**

NIHCD

Kalkwarf, H

02/01/10 - 01/31/14

5 %

Britto, M**Open Source Science: Transforming Chronic Illness Care**

National Institutes of Health/NIDDK

Seid, M

09/01/09 - 08/31/10

5 %

Lehmann, C**Vaccine and Treatment Evaluation Units (VTEUs): Evaluation of Control Measures Against Diseases Other than AIDS**

National Institutes of Health/NIAID

Bernstein, D

05/01/02 - 08/31/10

5 %

Widdice, L**Vaccine and Treatment Evaluation Units (VTEUs): Evaluation of Control Measures Against Diseases Other than AIDS**

National Institutes of Health/NIAID

Bernstein, D

05/01/02 - 08/31/10

10 %

Total \$3,924,708