2013 Research Annual Report

Emergency Medicine

Cincinnati Children's

Division Details

Division Data Summary

RESEARCH AND TRAINING DETAILS	
Number of Faculty	41
Number of Joint Appointment Faculty	3
Number of Support Personnel	49
Direct Annual Grant Support	$1,738,857
Direct Annual Industry Support	$26,091
Peer Reviewed Publications	75

CLINICAL ACTIVITIES AND TRAINING	
Number of Clinical Staff	43
Number of Clinical Fellows	11
Number of Other Students	1
Outpatient Encounters	148402

Division Photo

Row 1: M FitzGerald, S Kennebeck, S Reeves, S Iyer, J Dexheimer, E Alessandrini, R Ruddy, J Gonzalez del Rey
Row 2: E Duma, T Byczkowski, C Dixon, E Murtagh Kurowski, J Grupp-Phelan, L Babcock, G Geis, J Luria
Row 3: R Strait, T Florin, N Timm, M Mittiga

Significant Accomplishments

Prevention Research Ranges from Suicide to Smoking

Our faculty made several contributions to prevention research in the past year. Jacqueline Grupp-Phelan, MD, MPH, leads a multi-center study on suicide screening in conjunction with Nationwide Children's Hospital. Melinda Mahabee-Gittens, MD, MS, co-authored two recent papers regarding smoking prevention. Lisa Vaughn, PhD, studies cross-cultural health issues. Mike Gittelman, MD, and Wendy Pomerantz, MD, MS, lead ongoing studies in injury prevention while Jennifer Reed, MD, and Kari Schneider, MD, focus their research on preventing sexually transmitted diseases.

PECARN projects focus on alcohol screening, ED safety and more

Led by Richard Ruddy, MD, Division Director, and Lynn Babcock, MD, MS, several of our faculty members contribute to multi-site studies through the Pediatric Emergency Care Applied Research Network (PECARN). Ongoing projects include studying RNA biosignatures in febrile infants and ASSESS, a study to validate a process for alcohol screening in teens. Published work this year includes findings on abdominal trauma, mild head injury, ED patient safety and cervical spine injury.

Clinical and Quality Research Improve Outcomes

Benjamin Kerrey, MD, Matthew Mittiga, MD, Gary Geis, MD, and Andrea Rinderknecht, MD, continue innovative work on rapid sequence intubation and have demonstrated reduction of adverse events in children. Tara Rhine, MD, received the Willis Wingert Award for best presentation at the 2012 AAP SOEM for balance

testing in concussion. Gregory Faris, MD, is using an APA young investigator award to assess the utility of a PECARN decision rule to predict post-concussion symptoms. Both are mentored by Lynn Babcock, MD, MS, who has several concussion projects ongoing and published. Berkeley Bennett, MD, participates in a multi-center grant on bruising along with Child Abuse experts. In quality research, substantial progress has been made in managing fever and neutropenia in immunocompromised children and in screening patients for HIV and syphilis.

Emergency Department Ranked No. 2 in Nation

The clinical leadership team led by Joseph Luria, MD, completed a third year of strong performance. Our Emergency Department was ranked No. 2 in the country by *Parents* magazine, an event celebrated by all the Emergency Services staff. The Burnet ED was awarded the Lantern Award for outstanding emergency nursing from the Emergency Nursing Association. Data from the past year also shows improvement in several areas including decreasing the rate of hypoxia during rapid sequence intubation, improving screening for sexually transmitted infections and sustaining work in fever, neutropenia and immunosuppression. We also attained over 90 percent success in management of time to antibiotics in this high risk population. All of this was accomplished while treating more than 145,000 patients at our two EDs and three urgent care sites. Scott Reeves, MD, has begun his first full year of ED Medical Director role at the Liberty ED, in partnership with Eric Mailloux, RN, and the team demonstrated very strong results in delivery of care and of staff satisfaction. The Green Township Urgent Care opened in late April. Peg Orcutt, DO, has been leading the urgent care team with the help of Rima Rusnak, MD, the incoming Medical Director.

Successful SAC Review

The Division underwent a very successful Scientific Advisory Committee review this year continuing our work to be the nation's top pediatric emergency medicine program. Dr. Gary Fleisher, MD, Pediatrician-in-Chief at Boston Children's and Terry Klassen, MD, Director of Research for the Manitoba Institute of Child Health, complimented our emergency services clinical delivery system in the SAC review, while making suggestions to help us further our mission.

Education and Faculty Development

The Teaching Award to the Best Fellow this academic year was awarded to Corinne Bria, MD, in June 2013. Ben Kerrey, MD, accepted the role of Assistant Medical Director for the Center for Simulation and Research. Brad Sobolewski, MD, with support from Ted Brenkert, MD, has expanded the role of video on-line orientation, lectures and podcasts for medical students, residents and fellows.

Invited speaking engagements and scientific presentations were important highlights this academic year, including 20 presentations at the PAS in 2013. Ruddy and Cinnamon Dixon, DO, presented at an International PEM conference in Sao Paulo. Ruddy also presented in Seattle. Constance McAneney, MD, MS, presented at an ACEP conference in North Carolina. Todd Florin, MD, MSCE, presented at the Children's Hospital of Philadelphia EM Course. Geis spoke at the AAP-EM Review Course in Austin. Iyer and Joyce Lippe, MD, presented in Orlando. And Javier Gonzalez del Rey, MD, MEd, presented in Boston, Chicago, Santo Domingo, Moscow and Qatar.

The first year of our Global Health PEM program in Malawi was completed and included five attendings, two fellows and a number of pediatric trainees rotating for up to two months. In addition to teaching medical students, the program has implemented clinical systems improvements that have substantially reduced in-

hospital mortality.

The second year of faculty development was completed with the facilitation of Scott Steel from Education and Learning. Participants included fellows and faculty from Emergency Medicine and Hospital Medicine.

Division Publications

1. Adamson C, Yuan W, Babcock L, Leach JL, Seal ML, Holland SK, Wade SL. **Diffusion tensor imaging detects white matter abnormalities and associated cognitive deficits in chronic adolescent TBI**. *Brain Inj*. 2013; 27:454-63.
2. Anderson JB, Iyer SB, Schidlow DN, Williams R, Varadarajan K, Horsley M, Slicker J, Pratt J, King E, Lannon C, National Pediatric Cardiology Quality Improvement C. **Variation in growth of infants with a single ventricle**. *J Pediatr*. 2012; 161:16-21 e1; quiz 21 e2-3.
3. Auger KA, Landrigan CP, Gonzalez del Rey JA, Sieplinga KR, Sucharew HJ, Simmons JM. **Better rested, but more stressed? Evidence of the effects of resident work hour restrictions**. *Acad Pediatr*. 2012; 12:335-43.
4. Babcock L, Byczkowski T, Mookerjee S, Bazarian JJ. **Ability of S100B to predict severity and cranial CT results in children with TBI**. *Brain Inj*. 2012; 26:1372-80.
5. Babcock L, Byczkowski T, Wade SL, Ho M, Bazarian JJ. **Inability of S100B to predict postconcussion syndrome in children who present to the emergency department with mild traumatic brain injury: a brief report**. *Pediatr Emerg Care*. 2013; 29:458-61.
6. Babcock L, Byczkowski T, Wade SL, Ho M, Mookerjee S, Bazarian JJ. **Predicting postconcussion syndrome after mild traumatic brain injury in children and adolescents who present to the emergency department**. *JAMA Pediatr*. 2013; 167:156-61.
7. Beaudin M, Daugherty M, Geis G, Moody S, Brown RL, Garcia VF, Falcone RA, Jr. **Assessment of factors associated with the delayed transfer of pediatric trauma patients: an emergency physician survey**. *Pediatr Emerg Care*. 2012; 28:758-63.
8. Bechtel K, Bennett B. **Management and sequelae of sexual abuse in children and adolescents**. In: DM Lindberg, AB Middleman, JE Drutz, eds. *UpToDate*. Waltham, MA: UpToDate; 2012.
9. Bennett B, Bechtel K. **Evaluation of sexual abuse in children and adolescents**. In: DM Lindberg, AB Middleman, JE Drutz, eds. *UpToDate*. Waltham, MA: UpToDate; 2012.
10. Bigham MT, Schwartz HP. **Quality Metrics in Neonatal and Pediatric Critical Care Transport: A Consensus Statement**. *Pediatric Critical Care Medicine*. 2013; 14:518-524 10.1097/PCC.0b013e31828a7fc1.
11. Brenkert TE, Estrada CM, Abramo TJ. **Not Just Another Rash**. *Clinical Pediatric Emergency Medicine*. 2013; 14:162-167.
12. Brenkert TE, Estrada CM, McMorrow SP, Abramo TJ. **Intravenous hypertonic saline use in the pediatric emergency department**. *Pediatr Emerg Care*. 2013; 29:71-3.
13. Chamberlain JM, Shaw KN, Lillis KA, Mahajan PV, Ruddy RM, Lichenstein R, Olsen CS, Dean JM, Pediatric Emergency Care Applied Research N. **Creating an infrastructure for safety event reporting and analysis in a multicenter pediatric emergency department network**. *Pediatr Emerg Care*. 2013; 29:125-30.
14. Dang AT, Ho M, Kroenke K, Grupp-Phelan J. **Maternal somatic symptoms, psychosocial correlates, and subsequent pediatric emergency department use**. *Pediatr Emerg Care*. 2013; 29:170-4.
15. Dexheimer JW, Abramo TJ, Arnold DH, Johnson KB, Shyr Y, Ye F, Fan KH, Patel N, Aronsky D. **An**

asthma management system in a pediatric emergency department. *Int J Med Inform*. 2013; 82:230-8.
16. Dexheimer JW, Johnson LH, Solti I, Aronsky D, Pestian J. **Infomatics and Decision Support**. *Pediatric biomedical informatics computer applications in pediatric research*. New York: Springer; 2012:193-210.
17. Dixon CA, Castillo J, Castillo H, Hom KA, Schubert C. **Global health opportunities within pediatric subspecialty fellowship training programs: surveying the virtual landscape**. *BMC Med Educ*. 2013; 13:88.
18. Dixon CA, WHO (World Health Organization). (2013) **Animal Bites. Fact Sheet No 373**. Geneva, WHO (World Health Organization). .
19. Dixon CA, WHO (World Health Organization). **Animal Injuries Lesson**. *TEACH-VIP Course*. Geneva: WHO (World Health Organization); 2012.
20. Dixon CA, WHO (World Health Organization). (2012) **Child Injury Prevention Course**. Switzerland, WHO (World Health Organization). .
21. Dixon CA, WHO (World Health Organization). **Child Injury Prevention Module: Lessons I-IV**. *TEACH-VIP Course*. Geneva: WHO (World Health Organization); 2012.
22. Dotson K, Johnson LH. **Pediatric spontaneous pneumothorax**. *Pediatr Emerg Care*. 2012; 28:715-20; quiz 721-3.
23. Farra S, Miller E, Timm N, Schafer J. **Improved training for disasters using 3-D virtual reality simulation**. *West J Nurs Res*. 2013; 35:655-71.
24. Fieldston ES, Nadel FM, Alpern ER, Fiks AG, Shea JA, Alessandrini EA. **Effects of an Education and Training Intervention on Caregiver Knowledge of Nonurgent Pediatric Complaints and on Child Health Services Utilization**. *Pediatr Emerg Care*. 2013; 29:331-336.
25. Fiks AG, Mayne S, Localio AR, Feudtner C, Alessandrini EA, Guevara JP. **Shared decision making and behavioral impairment: a national study among children with special health care needs**. *BMC Pediatr*. 2012; 12:153.
26. FitzGerald M, Mallory M, Mittiga M, Schubert C, Schwartz H, Gonzalez J, Duma E, McAneney C. **Experience-Based Guidance for Implementing a Direct Observation Checklist in a Pediatric Emergency Department Setting**. *Journal of Graduate Medical Education*. 2012; 4:521-524.
27. Florin T, Balamuth F, Rizkalla N, Wiess SL, Davis K, Gaspers M, Nathalang D, Lockman JL. **Environmental exposures and intoxications**. In: JA Stockwell, CM Preissig, eds. *Comprehensive Critical Care: Pediatric*. Mt. Prospect, IL: Society of Critical Care Medicine; 2012:1009-1028.
28. Florin TA, Shah SS. **Long-term outcomes in children with pleural empyema**. *Arch Pediatr Adolesc Med*. 2012; 166:1069-71.
29. Forrest CB, Fiks AG, Bailey LC, Localio R, Grundmeier RW, Richards T, Karavite DJ, Elden L, Alessandrini EA. **Improving adherence to otitis media guidelines with clinical decision support and physician feedback**. *Pediatrics*. 2013; 131:e1071-81.
30. Fraga AM, Conrado dos Reis M, Dixon CA. **Acidentes na Infancia e Adolescencia (Accidents in Childhood and Adolescence)**. In: GP Fraga, GS-Pe Luiz, R Lopes, eds. *Atualidades em Clinica Cirúrgica - Intergastro e Trauma 2012 (Current Issues in Surgical Clinic)*. Sao Paulo, Brazil: Editora Atheneu; 2012.
31. Gittelman MA, Pomerantz WJ, Ho M, Hornung R, McClanahan N. **Is an emergency department encounter for a motor vehicle collision truly a teachable moment?**. *J Trauma Acute Care Surg*. 2012; 73:S258-61.
32. Gordon JS, Mahabee-Gittens EM, Andrews JA, Christiansen SM, Byron DJ. **A randomized clinical trial of a web-based tobacco cessation education program**. *Pediatrics*. 2013; 131:e455-62.

33. Griebling S, Vaughn LM, Howell B, Ramstetter CL, Dole D. **From passive to active voice: Using photography as a catalyst for social action**. *International Journal of Humanities and Social Sciences*. 2013; 3:16-28.
34. Grupp-Phelan J, McGuire L, Husky MM, Olfson M. **A randomized controlled trial to engage in care of adolescent emergency department patients with mental health problems that increase suicide risk**. *Pediatr Emerg Care*. 2012; 28:1263-8.
35. Hariharan S. **Racial Disparities in Cancer Care: Solutions to Improve Care**. *Journal of the National Black Nurses' Association: JNBNA*. 2012; 23:32-35.
36. Hogan SP, Wang YH, Strait R, Finkelman FD. **Food-induced anaphylaxis: mast cells as modulators of anaphylactic severity**. *Semin Immunopathol*. 2012; 34:643-53.
37. Huppert JS, Reed JL, Munafo JK, Ekstrand R, Gillespie G, Holland C, Britto MT. **Improving notification of sexually transmitted infections: a quality improvement project and planned experiment**. *Pediatrics*. 2012; 130:e415-22.
38. Jacquez F, Vaughn LM, Wagner E. **Youth as partners, participants or passive recipients: a review of children and adolescents in community-based participatory research (CBPR)**. *Am J Community Psychol*. 2013; 51:176-89.
39. Johnson K, Geis G, Oehler J, Meinzen-Derr J, Bauer J, Myer C, Kerrey B. **Simulation to Implement a Novel System of Care for Pediatric Critical Airway Obstruction**. *Arch Otolaryngol Head Neck Surg*. 2012; 138:907-11.
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41. Kerrey BT, Rinderknecht AS, Geis GL, Nigrovic LE, Mittiga MR. **Rapid sequence intubation for pediatric emergency patients: higher frequency of failed attempts and adverse effects found by video review**. *Ann Emerg Med*. 2012; 60:251-9.
42. Khodoun MV, Kucuk ZY, Strait RT, Krishnamurthy D, Janek K, Lewkowich I, Morris SC, Finkelman FD. **Rapid polyclonal desensitization with antibodies to IgE and FcεRIα**. *J Allergy Clin Immunol*. 2013; 131:1555-64.
43. Kim EG, Brown KM, Leonard JC, Jaffe DM, Olsen CS, Kuppermann N, Network CSSGotPECAR. **Variability of prehospital spinal immobilization in children at risk for cervical spine injury**. *Pediatr Emerg Care*. 2013; 29:413-8.
44. Kurowski BG, Michaud L, Babcock L, Rhine T. **Pediatric Traumatic Brain Injury: Special Considerations**. In: ND Zasler, DI Katz, RD Zafonteet al, eds. *Brain Injury Medicine: Principles and Practice*. New York: Demos; 2012.
45. Lemons J, Ragsdale J, Vaughn L, Grossoehme D. **"I didn't know it existed before you called": protestant clergy experience, education and perceptions regarding genetics**. *J Genet Couns*. 2013; 22:226-37.
46. Lindberg DM, Shapiro RA, Laskey AL, Pallin DJ, Blood EA, Berger RP, Ex SI. **Prevalence of abusive injuries in siblings and household contacts of physically abused children**. *Pediatrics*. 2012; 130:193-201.
47. Mahabee-Gittens EM, Xiao Y, Gordon JS, Khoury JC. **The dynamic role of parental influences in preventing adolescent smoking initiation**. *Addict Behav*. 2013; 38:1905-11.
48. Mahabee-Gittens EM, Xiao Y, Gordon JS, Khoury JC. **Continued importance of family factors in youth**

smoking behavior. *Nicotine Tob Res*. 2012; 14:1458-66.

49. Mittiga MR, Geis GL, Kerrey BT, Rinderknecht AS. **The spectrum and frequency of critical procedures performed in a pediatric emergency department: implications of a provider-level view**. *Ann Emerg Med*. 2013; 61:263-70.
50. Murtagh Kurowski E, Byczkowski T, Timm N. **Return visit characteristics among patients who leave without being seen from a pediatric ED**. *Am J Emerg Med*. 2012; 30:1019-24.
51. Patterson MD, Geis GL, Falcone RA, LeMaster T, Wears RL. **In situ simulation: detection of safety threats and teamwork training in a high risk emergency department**. *BMJ Qual Saf*. 2013; 22:468-77.
52. Patterson MD, Geis GL, LeMaster T, Wears RL. **Impact of multidisciplinary simulation-based training on patient safety in a paediatric emergency department**. *BMJ Qual Saf*. 2013; 22:383-93.
53. Pomerantz WJ, Gittelman MA, Hornung R, Husseinzadeh H. **Falls in children birth to 5 years: different mechanisms lead to different injuries**. *J Trauma Acute Care Surg*. 2012; 73:S254-7.
54. Pomerantz WJ, Roback MG. **Hypovolemic shock in children: Initial evaluation and management**. In: S Torrey, A Randolph, eds. *UpToDate*. Waltham, MA: Wolters Kluwer; 2012.
55. Pomerantz WJ, Roback MG. **Physiology and classification of shock in children**. In: S Torrey, ed. *UpToDate*. Waltham, MA: Wolters Kluwer; 2012.
56. Pomerantz WJ, Weiss S. **Septic shock: Ongoing management after resuscitation in children**. In: A Randolph, S Torrey, S Kaplan, J Wiley, eds. *UpToDate*. Waltham, MA: Wolters Kluwer; 2012.
57. Pomerantz WJ, Weiss SL. **Septick shock: rapid recognition and initial resuscitation children**. In: A Randolph, J Wiley, S Torrey, S Kaplan, eds. *UpToDate*. Waltham, MA: Wolters Kluwer; 2012.
58. Reed JL, Vaughn LM, Pomerantz WJ. **Attitudes and knowledge regarding emergency contraception among emergency department adolescents and providers**. *Pediatr Emerg Care*. 2012; 28:775-9.
59. Rhine T, Wade SL, Makoroff KL, Cassedy A, Michaud LJ. **Clinical predictors of outcome following inflicted traumatic brain injury in children**. *J Trauma Acute Care Surg*. 2012; 73:S248-53.
60. Rinderknecht AS, Pomerantz WJ. **Spontaneous splenic rupture in infectious mononucleosis: case report and review of the literature**. *Pediatr Emerg Care*. 2012; 28:1377-9.
61. Savova G, Deleger L, Solti I, Dexheimer JW. **Natural Language Processing: Applications in Pediatric Research**. In: JJ Hutton, ed. *Pediatric Biomedical Informatics Computer Applications in Pediatric Research*. Dordrecht, New York: Springer; 2012:173-192.
62. Savova G, Deleger L, Solti I, Pestian J, Dexheimer JW. **Natural Language Processing - The Basics**. In: JJ Hutton, ed. *Pediatric Biomedical Informatics Computer Applications in Pediatric Research*. New York: Springer; 2012:149-172.
63. Shaw KN, Lillis KA, Ruddy RM, Mahajan PV, Lichenstein R, Olsen CS, Chamberlain JM, for the Pediatric Emergency Care Applied Research N. **Reported medication events in a paediatric emergency research network: sharing to improve patient safety**. *Emerg Med J*. 2012; .
64. Showalter CD, Kerrey B, Spellman-Kennebeck S, Timm N. **Gastrostomy tube replacement in a pediatric ED: frequency of complications and impact of confirmatory imaging**. *Am J Emerg Med*. 2012; 30:1501-6.
65. Spooner SA, Dexheimer JM. **Interfaces and Data Transmission Standards**. In: JJ Hutton, ed. *Pediatric biomedical informatics computer applications in pediatric research*. New York: Springer; 2012:27-42.
66. Takakuwa KM, Biros MH, Ruddy RM, Fitzgerald M, Shofer FS. **A National Survey of Academic Emergency Medicine Leaders on the Physician Workforce and Institutional Workforce and Aging Policies**. *Acad Med*. 2013; 88(2):269-75.
67. Timm NL. **Maternal use of oxycodone resulting in opioid intoxication in her breastfed neonate**. *J*

Pediatr. 2013; 162:421-2.

68. Valenzuela JM, Vaughn LM, Crosby LE, Strong H, Kissling A, Mitchell MJ. **Understanding the experiences of youth living with sickle cell disease: a photovoice pilot**. *Fam Community Health*. 2013; 36:97-108.
69. Vaughn LM, Jacquez F, McLinden D. **The Use of Concept Mapping to Identify Community-Driven Intervention Strategies for Physical and Mental Health**. *Health Promot Pract*. 2013; 14(5):675-85.
70. Vaughn LM, Stieha V, Muchmore M, Kirkpatrick-Thomas S, Lang J, Lang M. **"Having a say": Urban adolescent girls narrating their visions of future through photovoice**. *Educational Research for Social Change*. 2012; 1:41-45.
71. Vaughn LM, Wagner E, Jacquez F. **A review of community-based participatory research in child health**. *MCN Am J Matern Child Nurs*. 2013; 38:48-53.
72. Wang GS, Yin S, Shear B, Heard K. **Severe poisoning after accidental pediatric ingestion of glycol ethers**. *Pediatrics*. 2012; 130:e1026-9.
73. Weingart C, Herstich T, Baker P, Garrett ML, Bird M, Billock J, Schwartz HP, Bigham MT. **Making good better: implementing a standardized handoff in pediatric transport**. *Air Med J*. 2013; 32:40-6.
74. Wheeler DS, Geis G, Mack EH, LeMaster T, Patterson MD. **High-reliability emergency response teams in the hospital: improving quality and safety using in situ simulation training**. *BMJ Qual Saf*. 2013; 22:507-14.
75. Wilson PM, Greiner MV, Duma EM. **Posterior rib fractures in a young infant who received chiropractic care**. *Pediatrics*. 2012; 130:e1359-62.

Faculty, Staff, and Trainees

Faculty Members

Richard M. Ruddy, MD, Professor

Leadership Division Director; Nodal PI - Pediatric Emergency Care Applied Research Network (PECARN), Hospitals of the Midwest Emergency Research Node (HOMERUN)

Research Interests Pediatric Emergency Care Applied Research Network Multicenter Trials, Respiratory Disease and Quality Research

Javier Gonzalez del Rey, MD, MEd, Professor

Leadership Associate Director, Division Of Emergency Medicine; Director, Pediatric Residency Training Programs

Research Interests Medical Education and Training

Jacqueline Grupp-Phelan, MD, MPH, Professor

Leadership The Richard Ruddy and Barbara Wriston-Ruddy Endowed Chair for Pediatric Research; Associate Director, Division of Emergency Medicine; Director of Research and Prevention Research Focus Team Leader

Research Interests Suicide Screening Mental Health Services and Treatment Engagement; Health Services Research, Cost-Effectiveness, Clinical Effectiveness and Utilization

Joseph Luria, MD, Professor

Leadership Associate Director, Division of Emergency Medicine; Medical Director, Emergency Department; Clinical Leadership Team

Research Interests Improvement Related to ED Quality; Patient Safety, and Flow

Constance McAneney, MD, MS, Professor

Leadership Associate Director, Division of Emergency Medicine; Director, Pediatric Emergency Medicine Fellowship; Director, Education for the Division of Emergency Medicine

Research Interests Medical Education

Lynn Babcock, MD, MS, Associate Professor

Leadership Clinical Research Focus Team Leader; Site PI, HOMERN/PECARN

Research Interests Traumatic Brain Injury (translational research combining neuroimaging, biomarkers, and functional outcomes) and Injury Prevention

Berkeley L. Bennett, MD, MS, Assistant Professor

Leadership Medical Director of the Northern Kentucky Advocacy Center

Research Interests Cardiac Injury in Association with Non-Accidental Trauma, Child Abuse

Seema Bhatt, MD, MS, Assistant Professor

Research Interests Education, Management of Dehydration

G. Randall Bond, MD, Professor

Leadership On-Site Faculty, CCHMC Malawi Program

Research Interests Improvement of Outcomes in Victims of Acute Poisoning

Ted Brenkert, MD, Assistant Professor

Research Interests Utilizing Multimedia in Resident Education

Holly Brodzinski, MD, MPH, Assistant Professor

Research Interests Sedation, Safety, Decision Support in Acute Appendicitis, Health Services, Global Health

Terri L. Byczkowski, PhD, MBA, Assistant Professor

Research Interests Family Centered Care in PEM, Transition to Adult Focused Care.

Patricia Chambers, MD, Assistant Professor

Leadership Liberty Campus ED Assistant Medical Director

Research Interests Communication in Healthcare, Humanism in Medicine

Judith Dexheimer, PhD, Instructor

Research Interests Clinical Decision Support Applications in the Pediatric Emergency Department

Cinnamon Dixon, DO, MPH, Assistant Professor

Research Interests Global Injury Epidemiology and Trauma Surveillance, Mobile Health Interventions for Injury Prevention, and Dog Bite Prevention Education

Elena Duma, MD, Assistant Professor

Leadership Clinical Staff Coordinator; Director, PED 4th Year Medical Student Clerkship; Clinical Leadership Team

Research Interests Pediatric Emergency Medicine, Child Abuse

Michael FitzGerald, PhD, Assistant Professor

Leadership Education Research Focus Team Leader

Research Interests Feedback in Medical Education, Assessment and Evaluation of Medical Learners

Todd Florin, MD, MSCE, Assistant Professor

Research Interests Bronchiolitis, Pneumonia

Gary L. Geis, MD, Associate Professor

Leadership Assistant Medical Director, The Cincinnati Children's Center for Simulation and Research

Research Interests Medical Simulation, Resuscitation, Sepsis

Michael Gittelman, MD, Professor

Leadership Co-Director, Comprehensive Children's Injury Center; Co-Director, Injury Free Coalition for Kids; Director, Injury Prevention and Advocacy Resident Course

Research Interests Injury Control, Behavior Change Counseling, Community Prevention

Selena Hariharan, MD, Assistant Professor

Leadership Clinical Leadership Team

Research Interests Prevention

Carolyn Holland, MD, MEd, Assistant Professor

Research Interests Adolescent ED Health Issues, Medical Education

Richard Hornung, DrPH, Professor

Research Interests Study Design, Exposure Assessment Modeling, Longitudinal Data Analysis, Epidemiologic Methods, and Risk Estimation

Laura Howell, MD, Assistant Professor

Research Interests Systems and Process Improvement

Srikant Iyer, MD, MPH, Assistant Professor

Leadership Clinical Leadership Team

Research Interests Systems and Process Improvement, Patient Flow, and Acute ED Pain Management

Laurie H. Johnson, MD, Assistant Professor

Research Interests Asthma and Resuscitation

Stephanie Kennebeck, MD, Associate Professor

Leadership EPIC IT Leadership

Research Interests Quality Care, Overcrowding in ED

Benjamin Kerrey, MD, MS, Assistant Professor

Research Interests Improving the Process and Outcomes of Intubation of Pediatric Emergency Patients, the Use of High-Fidelity Simulation to Study and Improve Systems of Care for Critically Ill Pediatric Emergency Patients

Melinda Mahabee-Gittens, MD, MS, Professor

Research Interests Adolescent Tobacco Prevention, Adult Tobacco Cessation, Intervention Development

Matthew Mittiga, MD, Assistant Professor

Leadership Associate Fellowship Director

Research Interests Resuscitation Team Training and Communication, Critical Care in the Pediatric ED, Pediatric Airway Management/Complications, Resident and Fellow PEM Education

Eileen Murtagh Kurowski, MD, Assistant Professor

Research Interests Emergency Care of Adult Patients with Chronic Childhood Illness, Implementation of Evidence-Based Care and Quality Improvement

Wendy Pomerantz, MD, MS, Professor

Leadership Co-Director, Injury Free Coalition for Kids; Co-Director, Safety Resource Center

Research Interests Injury and Poison Prevention, Epidemiology, Geographic Information Systems, Playground Related Injuries and Emergency Medical Services

Jennifer Reed, MD, Associate Professor

Research Interests Adolescent ED Health Issues, STI Testing & Treatment, Adolescent Research Consent Challenges, Quality Improvement

Scott Reeves, MD, Associate Professor

Leadership Liberty Campus ED Medical Director; Quality Research Focus Team Leader; Clinical Leadership Team

Research Interests Quality Care, Evidence-Based Care, Acute ED Pain Management

Andrea Rinderknecht, MD, Assistant Professor

Research Interests Critical Care in the Pediatric ED, Resuscitation Team Training & Communication, Pediatric Airway Management/Complications, Health Services ED Use Across Diseases/Referrals

Charles J. Schubert, MD, Professor

Leadership Associate Director, Pediatric Residency Training Program - Global Health

Research Interests Global Child Health and Vulnerable Populations

Hamilton P. Schwartz, MD, Assistant Professor

Leadership Medical Director, Transport Team; Medical Director, Statline; Pediatric Medical Director, Cincinnati Fire Department

Research Interests Pediatric EMS and Transport Medicine

Jennifer Setlik, MD, Assistant Professor

Research Interests Abuse of Prescription Medications, Injury Prevention

Brad Sobolewski, MD, Assistant Professor

Leadership Coordinator Emergency Department Resident Education

Research Interests Education, Technology and Multimedia

Richard Strait, MD, Associate Professor

Research Interests Early Immunologic Response to Infectious Disease, Immunologic Response to Anaphylaxis, Procedural Sedation

Nathan Timm, MD, Associate Professor

Leadership CCHMC Emergency Preparedness Officer; Clinical Leadership Team

Research Interests Hospital Emergency Management, Quality Care, Overcrowding in ED

Lisa Vaughn, PhD, Associate Professor

Research Interests Cross-Cultural Psychology Issues Especially with Latinos, Women and Children; Community-Based Participatory Research; International Global Studies; Social Psychology Related

Shan Yin, MD, MPH, Assistant Professor

Leadership Medical Director, Drug and Poison Information Center

Research Interests Pediatric Toxicology

Joint Appointment Faculty Members

Evaline Alessandrini, MD, MSCE, Professor (James M. Anderson Center for Health Systems Excellence)
Research Interests Outcomes and Risk-Adjustment in Pediatric Emergency Care, Quality Measurement

Robert Allan Shapiro, MD, Professor (Director, Mayerson Center for Safe and Healthy Children)
Research Interests Sexually Transmitted Disease, Fractures Caused by Abuse

Kate Berz, DO, Assistant Professor (Sports Medicine)

Clinical Staff Members

Mary Jo-Ellen Erickson, MD,
PEM Trained
Catherine Gouldin, MD,
PEM Trained
Nicholas Hobart-Porter, MD,
PEM Trained
Lisa Lewis, MD,
PEM Trained
Margaret Orcutt-Tuddenham, DO, Clinical Leadership Team,
PEM Trained ;Medical Director, Urgent Cares ;Clinical Leadership Team;
Kristen Paddon, MD,
PEM Trained
Kirsten Ahrens, MD
Amber Anastasi, MD
Arash Babaoff, MD
Eunice Blackmon, MD
Kamali Bouvay, MD
Michael Chua, MD
Jenny Lynn DeBruer, MD
Alison Delgado, MD
Kristen DeMarco, MD
Emily Eagen, MD
Kerry Gorman, MD
Jeanine Jennings, MD
Matthew Kenney, MD
Pamela Kingma, MD, PhD
Joy Lippe, MD
Gregory Middleton, MD, Clinical Leadership Team,
ED Clinical Leadership Team
Joanna Nacopoulos, MD
Matthew O'Rourke, MD
Janice Roeder, MD
Rima Rusnak, MD, Clinical Leadership Team,
ED Clinical Leadership Team
Lori Schroeder, MD, PhD
Kristin Stackpole, MD
Karen Szczepanski, MD

Elizabeth Templin, MD
Evan Yeung, MD
Angela Brown, RN, CNP
Jamie Gerdemann, RN, CNP
Kristina Kaufmann, RN, CNP
Jennifer Kelley, RN, CNP
Julie Miller, RN, CNP
Sara Newman, RN, CNP
Stacie Richmond, RN, CNP
Michelle Schrand, RN, CNP
Molly Stenger, RN, CNP
Anika Surratt, RN, CNP
Michelle Widecan, RN, CNP Clinical Leadership Tm,
Clinical Leadership Team;

Trainees

Tara Rhine, MD, PL-VI, Cincinnati Children's Hospital Medical Center, Cincinnati, OH
Corinne Bria, MD, PL-VII, Cincinnati Children's Hospital Medical Center, Cincinnati, OH
Jessica Kanis, MD, PL-VII, Medical University of South Carolina, Charleston, SC
Brian Wagers, MD, PL-VII, Cincinnati Children's Hospital Medical Center, Cincinnati, OH
Brit Anderson, MD, PL-V, Children's Memorial Hospital McGaw Northwestern, Chicago, IL
Michelle Eckerle, MD, PL-V, Cincinnati Children's Hospital Medical Center, Cincinnati, OH
Greg Faris, MD, PL-VI, Children's Memorial Hospital McGaw Northwestern, Chicago, IL
Kari Schneider, MD, PL-V, St. Louis Children's Hospital, St. Louis, MO
Steven Chan, MD, PL-IV, Children's Hospital Pittsburgh, Pittsburgh, PA
Roseann Cyriac, MD, PL-IV, Washington University, St. Louis, MO
Constance Gong, MD, PL-IV, Emory University School of Medicine, Atlanta, GA

Division Collaboration

Adolescent Medicine » Jennifer Reed, MD and Jill Huppert, MD, MPH

Research on improving notification of STI results to adolescents and feasibility of universal STI screening in the ED.

Adolescent Medicine; Anderson Center for Health Care Quality; Division of Surgery » Jennifer Reed, MD, Evaline Alessandrini, MD, MSCE, Terri Byczkowski, PhD, MBA, Jill Huppert, MD, MPH, and Jessica Kahn, MD, MPH

Research on using text messaging for notification of STI results to adolescents and methods to improve partner notification.

Allergy; General Pediatrics » Laurie Johnson, MD and Rob Kahn, MD, MPH

Assess factors which may predict high risk of subsequent readmission and emergency room use and to examine how well these factors collectively explain readmission risk.

Allergy; Immunology » Laurie Johnson, MD, Richard Ruddy, MD, Richard Strait, MD, and Gurjit Khurana Hershey, MD, PhD

Gene expression profiles of acute asthma and subphenotypes of treatment response.

Anesthesiology » Berkeley Bennett, MD, MS, Jennifer Setlik, MD, and Jaqueline Morillo-Delerme, MD

Development of program for Emergency Medicine faculty to maintain intubation skills.

Anesthesiology » Michael FitzGerald, PhD, Norbert Weidner, MS, and Carrie Morgan, MD

Survey study to assess physician attitudes and practices related to Palliative Sedation Therapy.

Behavioral Medicine; Clinical Psychology » Jacqueline Grupp-Phelan, MD, MPH and Robert Ammerman, PhD

Suicidal teens assessing treatment.

Bereavement Services » Michael FitzGerald, PhD, Claudia J. Borgman, MSW, LISW, and Marcela Cameron, MSW, LISW-S

Survey study to identify bereavement services being offered and types of operational practices at other institutions.

Biomedical Informatics » Stephanie Spellman Kennebeck, MD, Imre Solti, PhD, John Harley, MD, and Nancy Crimmins, MD

Emerge Grant: Obesity phenotype with genotyping.

Biomedical Informatics » Judith Dexheimer, PhD and Imre Solti, MD, PhD

Patient identification in the Pediatric Emergency Department using National Language Processing Methodologies.

Biostatistics; EPI » Gary Geis, MD, Benjamin Kerrey, MD, MS, Matt Mittiga, MD, Andrea Rinderknecht, MD, and Jareen Meinzen-Derr, PhD

Factors associated with desaturation during RSI in the PED.

Cardiology; Clinical Laboratory » Berkeley Bennett, MD, MS, Cinnamon Dixon, DO, MPH, Michael Chua, MD, Elena Duma, MD, Melinda Mahabee-Gittens, MD, MS, Russel Hirsch, MD, and Paul Steele, MD

Novel use of serum cardiac troponin to evaluate for non-accidental trauma.

Cardiology; Heart Institute » Michael FitzGerald, PhD, Javier Gonzalez-del-Rey, MD, Bradley S. Marino, MD, MPP, MSCE, Joshua Daily, MD, Eileen King, PhD, MED, Kim Downing, PhD, and Richard Ittenbach, PhD

Creating a knowledge questionnaire for parents of children with heart disease.

Child Psychiatry; Biomedical Infomatics » Jacqueline Grupp-Phelan, MD, MPH, John Pestian, PhD, MBA, and Michael Sorter, MD, PhD

Suicide risk assessment and prevention.

Child Psychiatry; Psychiatry Intake Response Team; Psychology » Jacqueline Grupp-Phelan, MD, MPH, Sergio Delgado, MD, and Linda Richey, LISW

Screening and engagement into services for adolescents with suicidal ideation in the Emergency Department.

Critical Care Medicine; Center for Simulation and Research » Constance McAneney, MD, MS, Gary Geis, MD, Matthew Mittiga, MD, Kenneth Tegtmeyer, MD, and Raj Basu, MD

Simulation-based training "Boot Camp" for pediatric emergency medicine and critical care Fellows.

Cincinnati BioBank Core Facility; Clinical Laboratories; Epidemiology and Biostatistics; Hospital Medicine; Infectious Diseases » Todd Florin, MD, MSCE, Richard Ruddy, MD, Michael Barnes, PhD, Jareen Meinzen-Derr, PhD, Samir Shah, MD, MSCE, Lilliam Ambroggio, MPH, PhD, Paul Steele, MD, Joel Mortenssen, PhD, and Mark Steinhoff, MD

Catalyzing ambulatory research in pneumonia etiology and diagnostic innovations in Emergency Medicine (CARPE DIEUM): Examining predictors and biomarkers of pediatric pneumonia severity and etiology.

Clinical and Translational Science and Training » Cinnamon Dixon, DO, MPH and Christopher Lindsell, PhD

An evaluation of a dog bite prevention intervention in the pediatric emergency department.

Comprehensive Children's Injury Center » Michael Gittelman, MD, Dawne Gardner-Davis, and Wendy Pomerantz, MD, MS

Injury Free Coalition for Kids of Cincinnati (Emergency Medicine) and Safe Kids Coalition (Trauma) working together on multiple community outreach programs, including Walk Child to School.

Comprehensive Children's Injury Center; General Pediatrics » Michael Gittelman, MD, Wendy Pomerantz, MD, MS, Richard Falcone, MD, MPH, and Kieran Phelan, MD, MSc

Population Health Injury Prevention - Goal to reduce injuries in specific Hamilton County neighborhoods by 30% in 5 years.

Education and Learning » Michael FitzGerald, PhD and Daniel McLinden, EdD

Development of a knowledge test for evaluating internal QI training programs.

Education and Learning » Lisa Vaughn, PhD and Daniel McLinden, EdD

Concept mapping methodology, social network analysis.

Education and Training » Hamilton Schwartz, MD, Ken Crank, NEMT-P, Dan McLinden, EdD, and Lynn Standen

Development of on-line pediatric education for EMTs and Paramedics.

Epidemiology and Biostatistics » Selena Hariharan, MD, FAAP and Nancy Crimmins, MD

Implementation of a two bag intravenous fluid system to treat diabetic ketoacidosis.

Epidemiology and Biostatistics; Behavioral Medicine » Melinda Mahabee-Gittens, MD, MS, Jane Khoury, PhD, and Robert Ammerman, PhD, APBB

Parental tobacco cessation and adolescent smoking prevention.

Gastrointestinal » Richard Strait, MD and Lee Denson, MD

Exploring human IgG-mediated anaphylaxis.

General Pediatrics; Community Pediatrics » Lisa Vaughn, PhD and Melissa Klein, MD

Social determinants of health, poverty.

General Pediatrics; Community Pediatrics » Lisa Vaughn, PhD and Camille Graham, MD

Community research teams.

General Pediatrics; House Staff Office » Charles Schubert, MD, Michael Gittelman, MD, Wendy Pomerantz, MD, MS, Javier Gonzalez del Rey, MD, MEd, Andy Beck, MD, Melissa Klein, MD, and Ndidi Unaka, MD

Advocacy for residents and house staff including injury prevention and advocacy course.

General Pediatrics; Thoracic Surgery » Gary Geis, MD, Benjamin Kerrey, MD, MS, Richard Falcone, Jr., MD, MPH, and Margot Daugherty, RN

Monitoring the use of simulation training on technical and teamwork skills of personnel, care processes, and serious safety events on Extracorporeal Membrane Oxygenation.

Global Health » Charles Schubert, MD and Mark Steinhoff, MD, MPH

Global Child Health Program for the Residency Program.

Global Health » Cinnamon Dixon, DO, MPH and Mark Steinhoff, MD, MPH

Pediatric injury and trauma surveillance in Campinas, Brazil.

Health Network by Cincinnati Children's; General Pediatrics » Srikant Iyer, MD, MPH, Joseph Luria, MD, and Terry Lindquist

ED utilization for low-acuity illness.

Hospital Medicine » Eileen Murtagh Kurowski, MD, MPH, Srikant Iyer, MD, MPH, Lilliam Ambroggio, PhD, Samir

Shah, MD, MSCE, and Angela Statile, MD

Improving adherence to the recently published community-acquired pneumonia national guidelines.

Immunobiology » Richard Strait, MD, Fred Finkelman, MD, and Markat Khodoun, PhD

Role of IgG1 in arthritis, role of IgG1 in cryoglobulinemia induced glomerulonephritis, immunopathology of TRALI, rapid desensitization of IgE and IgG mediated anaphylaxis, exploring human IgG-mediated anaphylaxis.

Immunobiology » Richard Strait, MD and Joerg Kohl, PhD

Role of complement and its receptors in IgG-mediated anaphylaxis.

Innovation in Chronic Disease » Terri Byczkowski, PhD, MBA and Maria Britto, MD, MPH

Asthma Innovation Lab: Improving outcomes for adolescents with asthma.

James M. Anderson Center for Health Systems Excellence » Terri Byczkowski, PhD, MBA and Evaline Alessandrini, MD, MSCE

The Pediatric Emergency Department Experience: Measurable Family-centered Care.

James M. Anderson Center for Health Systems Excellence » Srikant Iyer, MD, MPH and Carole Lannon, MD, MPH

Improvement advisor for the Joint Commission on Congenital Heart Disease Improvement Collaborative.

James M. Anderson Center for Health Systems Excellence » Terri Byczkowski, PhD, MBA and Evaline Alessandrini, MD, MSCE

The Pediatric Emergency Department Experience: Measurable Family-centered Care.

James M. Anderson Center for Health Systems Excellence » Jennifer Reed, MD, Srikant Iyer, MD, MPH, Joy Lippe, MD, and Carolyn Holland, MD, MED

Expanded HIV testing in Ohio Emergency Departments - Grant through the Ohio Department of Health Quality Improvement Project in which rapid HIV testing was implemented in a pediatric emergency department: A sustainable plan for ongoing testing is now being created.

James M. Anderson Center for Health Systems Excellence; BMI; Surgery; Radiology » Holly Brodzinski, MD, MPH, Evaline Alessandrini, MD, MSCE, Andrew Spooner, MD, MS, FAAP, Alex Towbin, MD, and Dan vonAllmen, MD

Risk stratification to efficiently diagnose appendicitis.

Mayerson Center for Safe and Healthy Children » Berkeley Bennett, MD, MS, Gabriel Meyers, and Kathi Makoroff, MD

Clinical decision rules to discriminate bruising caused by physical child abuse from bruising caused by accidental trauma.

Neonatology; Critial Care » Hamilton Schwartz, MD, Beth Haberman, MD, Becky Baute, RN, and Derek Wheeler, MD

Assessing utility of video television in the acute care setting.

Neurosurgery » Lynn Babcock, MD, MS and Todd Maugans, MD

Pediatric concussion: Pilot study using advanced magnetic resonance imaging techniques.

Ohio Chapter of AAP » Michael Gittelman, MD, Michael FitzGerald, PhD, and Wendy Pomerantz, MD, MS

Injury prevention anticipatory guidance quality improvement project with practicing pediatricians in Ohio.

Oncology » Evaline Alessandrini, MD, MSCE, Nathan Timm, MD, Denise Adams, MD, and Rajaram Nagarajan, MD, MS

Decreasing time to antibiotics in febrile, neutropenic patients.

Oncology » Selena Hariharan, MD, FAAP and Brian Weiss, MD

Time to antibiotics in oncology patients with a central line.

Otolaryngology; Simulation and Research; Emergency Services » Benjamin Kerrey, MD, MS, Gary Geis, MD, Charles Meyer IV, MD, Jennifer Oehler, RN, and Mary Dewald

Monitoring the implementation of a novel system of care for critical airway obstruction in the Emergency Department.

Pathology » Richard Strait, MD, Keith Stringer, MD, Shanmukhappa Shiva Kumar, PhD, and David Witte, MD

Immunopathology of TRALI, role of IGG1 in cryoglobulinemia induced glomerulonephritis.

Pediatric Rehabilitation and Medicine » Lynn Babcock, MD, MS, Shari Wade, PhD, and Brad Kurowski, MD, MS

Axonal injury in mild TBI. SMART Trial.

Proteomics Core (CCHMC); Proteomic Core (UC) » Lynn Babcock, MD, MS, Prasad Devarajan, MD, and Ken Greis, PhD

Axonal injury in mild TBI.

Psychiatry Intake Response Team » Jacqueline Grupp-Phelan, MD, MPH and Linda Richey, LISW

An assessment of voluntary adolescent mental health screening and referral in a children's hospital emergency department.

Radiology » Lynn Babcock, MD, MS and Daniel Podberesky, MD

CT scan with contrast alone (CT IV): The role of intra-abdominal fat (IAF) on the sensitivity of CT IV to visualize the normal appendix.

Radiology/Pediatric Neuroimaging Research Consortium » Lynn Babcock, MD, MS, Blaise Jones, MD, James Leach, MD, and Weihong Yuan, PhD

Diffuse tensor Imaging and TBI (axonal injury).

Rehabilitation; Neurosurgery; Sports Medicine; Trauma; Radiology; General Pediatrics » Michael Gittelman, MD, Lynn Babcock, MD, MS, Wendy Pomerantz, MD, MS, Richard Falcon, MD, MPH, Blaise Jones, MD, Brad Kurowski, MD, MS, Chuck Mehlman, DO, MPH, Kieran Phelan, MD, MSc, Kim Price, MA, CHES, CPST, Robert Shapiro, MD, Earl Siegel, PharmD, and Shari Wade, PhD

Comprehensive Children's Injury Center (CCIC).

Rheumatology » Richard Strait, MD and Sherry Thornton, PhD

Role of IgG1 in collagen induced arthritis.

Rheumatology » Lisa Vaughn, PhD and Rina Mina, MD

Patient/family engagement with lupus.

Simulation and Research; Critical Care Medicine » Gary Geis, MD, Derek Wheeler, MD, and Amy Bunger

Improvement in identification of sepsis through the development of a formal resident simulation-based curriculum (grant funded): Therapeutic hypothermia and cardiac arrest (grant funded).

Simulation and Research; Critical Care Medicine » Gary Geis, MD and Ken Tegtmeyer, MD

Monitoring the use and effectiveness of simulation training during mock codes on clinical units.

Simulation and Research; Critical Care Medicine » Gary Geis, MD, Kamal Abulebda, MD, Ken Tegtmeyer, MD, and Benjamin Kerrey, MD, MS

Development and implementation of a procedural-based training course for endotracheal intubation and central venous catheter placement.

Simulaton and Research; Neonatology; Perinatal and Pulmonary Biology » Gary Geis, MD, Beth Ann Johnson, MD, and Kelly Schultz, MD

Monitoring the use of simulation training for Cincinnati Children's RCNIC staff in order to improve both clinical and behavioral outcomes and subsequently improve the quality and safety of care that neonatal patients receive at Cincinnati Children's. Provide education and assessment using in situ simulation at outside hospitals as part of the Perinatal Outreach Program in order to improve both clinical and behavioral outcomes and subsequently improve the quality and safety of care that neonatal patients receive at hose institutions.

Simulation and Research; Nephrology » Gary Geis, MD, Stuart Goldstein, MD, and Theresa Mottes, RN

Development and implementation of simulation-based training course for continual renal replacement theraphy (CRRT).

Trauma Services; Rehabilitation » Michael Gittelman, MD, Wendy Pomerantz, MD, MS, Richard Falcone, MD, MPH, and Brad Kurowski, MD, MS

Concussion education in the HS setting.

Trauma Services; Rehabilitation » Wendy Pomerantz, MD, MS, Michael Gittelman, MD, Brad Kurowski, MD, MS, and Courtney Schaiper, MS

Concussion collaborative for primary care physicians.

Trauma Services; Sports Medicine; Rehabilitation; Neurology; Neurosurgery » Michael Gittelman, MD, Wendy Pomerantz, MD,MS, Todd Arthur, MD, Brad Kurowski, MD, MS, Richard Falcone, MD, MPH, Abigail Johnson, and Kelsey Logan, MD

Head injury clinic.

Grants, Contracts, and Industry Agreements

Grant and Contract Awards		Annual Direct
ALESSANDRINI, E		
Implementation of the PECARN Traumatic Brain Injury Prediction Rules for Children Using Computerized Clinical Decision Support: An Interrupted Time Series Trial		
Columbia University Medical Center		
S02 MC 19289	09/01/10-08/31/13	$44,747
Improving the Quality of Pediatric Emergency Care Using an Electronic Medical Record		
Agency for Healthcare Research and Quality(Children's Hospital of Philadelphia)		
R01 HS 020270	09/30/11-09/29/16	$40,410
BABCOCK CIMPELLO, L		
Development and Pilot Trial of the SMART Intervention for Children With Mild Traumatic Brain Injury		
Ohio Department of Public Safety		
	07/01/12-06/30/13	$65,000
BENNETT, B		
Clinical Decision Rules to Discriminate Bruising Caused by Physical Child Abuse		
National Institutes of Health(Children's Memorial Hospital)		
R01 HD 060997	05/30/11-03/31/16	$105,171

BYCZKOWSKI, T

Resilience in Emergency Department Workers Following Workplace Violence
Robert Wood Johnson Foundation(University of Cincinnati)
09/01/12-08/31/14 $7,397

FARIS, G

Prediction of Post-Concussion Syndrome in Children Using a Neuroimaging Rule
Academic Pediatric Association
07/01/12-06/30/13 $10,000

GEIS, G

Acceleration to Expertise: Simulation as a Tool to Improve the Recognition of Sepsis - Continuation 3
Agency for Healthcare Research and Quality
R18 HS 020455 04/01/11-03/31/14 $217,496

GITTELMAN, M

Impact of Player Education on the Prevention of Concussions in High School Athletes
Ohio Department of Public Safety
07/01/12-06/30/13 $58,000

Injury Prevention Quality Improvement Learning Collaboration
Ohio Department of Public Safety(American Academy of Pediatrics)
08/01/12-06/30/13 $14,091

GRUPP-PHELAN, J

STAT-ED Suicidal Teens Accessing Treatment after an Emergency Department Visit
Center for Disease Control and Prevention
R01 CE 002129 09/30/12-09/29/15 $313,225

Teen Alchohol Screening in the Pediatric Emergency Care Applied Research Network
National Institutes of Health(Rhode Island Hospital)
R01 AA 021900 09/05/12-08/31/17 $12,664

LIPPE, J

Expanded HIV Testing in Ohio Emergency Departments
Ohio Department of Health
08/01/11-12/31/13 $60,000

MAHABEE-GITTENS, M

Exploring a Cessation Intervention for Low Income Smokers in an Emergency Setting
National Institutes of Health
K22 CA 163747 09/22/11-08/31/14 $178,213

RUDDY, R

Emergency Medical Services for Children: Network Development Demonstration Project
Health Resources & Services Admin

U03 MC 22684	09/01/11-08/31/15	$553,603

SCHUBERT, C

City of Cincinnati Immunization Project
City of Cincinnati

	01/01/12-12/31/16	$36,574

STRAIT, R

Prospective Cohort Study of Severe Bronchiolitis and Risk of Recurrent Wheezing
National Institutes of Health(Massachusetts General Hospital)

U01 AI 087881	09/01/11-08/31/16	$22,266

Current Year Direct **$1,738,857**

Industry Contracts

BHATT, S

Baxter Healthcare Corporation	$20,316

RUDDY, R

AspenBio Pharma, Inc.	$5,775

Current Year Direct Receipts **$26,091**

Total **$1,764,948**