2013 Research Annual Report

Mayerson Center for Safe and Healthy Children

Cincinnati Children's

Division Details

Division Data Summary

RESEARCH AND TRAINING DETAILS	
Number of Faculty	5
Number of Joint Appointment Faculty	2
Number of Support Personnel	5
Direct Annual Grant Support	$318,095
Peer Reviewed Publications	7

CLINICAL ACTIVITIES AND TRAINING	
Number of Clinical Staff	7
Number of Clinical Fellows	2
Number of Other Students	43
Inpatient Encounters	44
Outpatient Encounters	1765

Division Photo

Front Row : J Harmony, M Greiner, E Pearl Messer
Back Row : E Duma, B Keeshin, R Shapiro, K Makoroff

Significant Accomplishments

The National Crisis of Child Abuse

The Mayerson Center for Safe and Healthy Children plays a leading role nationally in the identification of child abuse and the protection of children. Child abuse is a national crisis that drives our commitment to improve diagnosis, treatment and prevention to secure child safety. Our priorities include developing and refining clinical diagnosis and treatment, research to drive translational change, training healthcare professionals, and continuing our leadership role in protecting children. The Mayerson Center team includes Cincinnati Children's physicians, social workers, researchers, and nurses; Hamilton County Department of Job and Family Services caseworkers; City of Cincinnati and Hamilton County law enforcement officers; and members of the Hamilton County Prosecutor's office. Each week, more than 30 children are evaluated by the Center for concerns of child abuse or neglect. Clinical evaluations are multi-disciplinary, collaborative and conducted in an environment created to minimize child and family stress. Our specialty services include forensic interviewing, medical-legal examinations, trauma screening, evidence collection and testimony.

Addressing Behavioral Aspects of Abuse

In a collaborative effort between the Mayerson Center for Safe and Healthy Children and Behavioral Medicine and Clinical Psychology, psychologists Heather Bensman and Erica Messer are providing trauma-informed mental health services. Children evaluated for abuse and neglect through the Mayerson Center can now receive

therapy at the center to address symptoms associated with trauma and maltreatment.

Earning National and International Recognition

Kathi Makoroff, MD, was elected President of the Ray Helfer Society, an international honorary society for child abuse physicians. Mary Greiner, MD, was invited to join the National Committee for Quality Assurance's National Collaborative for Innovation in Quality Measurement (NCINQ) Foster Care Expert Advisory Panel. This group sets national standards for quality of care in the child welfare system.

Division Publications

1. Greiner MV, Palusci VJ, Keeshin BR, Kearns SC, Sinal SH. **A preliminary screening instrument for early detection of medical child abuse**. *Hospital Pediatrics*. 2013; 3:39-44.
2. Gurwitch R, Fernandez S, Pearl E, Chung G. **Utilizing parent-child interaction therapy to help improve the outcome of military families**. *Children, Youth and Families News*. 2013; January.
3. Lindberg DM, Shapiro RA, Blood EA, Steiner RD, Berger RP, ExSTRA investigators. **Utility of hepatic transaminases in children with concern for abuse**. *Pediatrics*. 2013; 131:268-75.
4. 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.
5. 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.
6. Shein SL, Bell MJ, Kochanek PM, Tyler-Kabara EC, Wisniewski SR, Feldman K, Makoroff K, Scribano PV, Berger RP. **Risk factors for mortality in children with abusive head trauma**. *J Pediatr*. 2012; 161:716-722 e1.
7. 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

Robert Shapiro, MD, Professor

Leadership Director - Mayerson Center for Safe & Healthy Children; Program Director, Pediatric Sexual Assault Nurse Examiner (PSANE)

Research Interests Child abuse diagnosis,Community indicators of maltreatment, medical child abuse

Mary Greiner, MD, Assistant Professor

Leadership Director, CHECK Foster Care Clinic-within General & Community Pediatrics

Research Interests Head trauma, Outcomes of children in foster care

Kathi Makoroff, MD, MEd, Associate Professor

Leadership Fellowship Director, Child Abuse Pediatrics; Director, Child Abuse Pediatrics Resident/Medical Student Elective; Medical Director - CME, Chair of CME Committee

Research Interests Head trauma, bruises as indicators of abuse, Education

Erica Messer, PsyD, Assistant Professor

Research Interests PCIT therapy, Trauma in military families

Frank Putnam, MD, Adjunct

Leadership Member of the Institute of Medicine Committee on Parental Depression

Research Interests Child Maltreatment and Neglect

Joint Appointment Faculty Members

Heather Bensman, PsyD, Assistant Professor (Behavorial Medicine and Clinical Psychology)

Elena Duma, MD, Assistant Professor (Emergency Medicine)

Clinical Staff Members

Mary Pat Burke, BSN

Sharon Dickman, BSN, MSN, SANE-P,
PSANE Coordinator;Educational Specialist

Cecilia Freihofer, MSW, LISW,
HIV follow-up specialist

Heidi Malott, MSW, LISW-S,
Clinical Program Manager;Member of Inter Professional Management Council

Andrea Powers, MSW, LISW

Andrea Richey, MSW, LSW,
Peer Review Facilitator

Kaitlin Riffle, RN,
PSANE Coordinator;Educational Specialist

Trainees

Melissa Jimenez, MD, PGY-5, Tulane University

Brooks Keeshin, MD, PGY-7

Division Collaboration

Emergency Medicine » Berkeley Bennett, MD and
Skeletal survey study looking at utility of head CT in children with single extremity fractures.

Emergency Medicine » Elena Duma, MD
Revising the Cincinnati Children's HIV screening policy and how their grant may affect PSANE cases.

Department of Radiology » Marguerite Care, MD and James Leach, MD
Benign Enlargement of Subarachnoid Spaces and Abusive Head Trauma.

Neurology » Hans Greiner, MD
Nonconvulsive Status Epilepticus and Abusive Head Trauma.

Division of Developmental and Behavioral Pediatrics » Robin Gurwitch, MD
Parent-Child Interaction Therapy and Child Adult Relationship Enhancement for U.S. Marine Corps Families.

Childhood Trust; Emergency Medicine » Barbara Boat, PhD and Cinnamon Dixon, MD
Children seen in a Pediatric Emergency Room Department for Dog Bites: Caregiver Assessment of the Need for a Continuum of Care.

Emergency Medicine » Berkeley Bennett, MD

Clinical Decision Rules to Discriminate.

Division of Physical Medicine and Rehabilitation » Shari Wade, PhD

I-InTERACT RCT Study

Division of Endocrinology » Susan Rose, MD

Rose Pilot SVS Study

Behavorial Medicine and Clinical Psychology » Heather Bensman, PsyD

Psychological Services for Safe and Healthy Families.

Grants, Contracts, and Industry Agreements

Grant and Contract Awards		Annual Direct
MESSER, E		
Training of Marine Corps Therapists in PCIT and CARE		
Department of Defense, US Marine Corps		
	09/01/11-08/31/13	$98,843
OLAFSON, E		
Center for Trauma Recovery and Juvenile Justice		
Substance Abuse and Mental Health Services Administration(University of Connecticut Health Center)		
U79 SM061273	09/30/12-09/29/16	$113,241
SHAPIRO, R		
Child Abuse Prevention and Treatment		
Department of Health and Human Services(Ohio Depart of Jobs and Family Services)		
	07/01/11-06/30/13	$58,924
Victims of Crime Assistance		
Department of Justice(Crime Victims Assistance Office)		
2013VADSCE483	10/01/12-09/30/17	$38,087
Ohio Network of Children's Advocacy Centers		
US Department of Justice(National Children's Alliance)		
07-CINC-OH-SA13	01/01/13-12/31/13	$9,000
	Current Year Direct	**$318,095**
	Total	**$318,095**