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EDUCATION AND TRAINING

UNDERGRADUATE	University of Michigan Ann Arbor, Michigan Major: Biology BS <i>with high honors</i>	08/1994 – 04/1998
PROFESSIONAL	University of Michigan Ann Arbor, Michigan Medical School MD	08/1998 – 06/2002
	Rackham Graduate School University of Michigan, Ann Arbor, Michigan Master's in Health and Health Care Research MS	07/2007 – 12/2008

POSTDOCTORAL TRAINING

Internship in Pediatrics C.S. Mott Children's Hospital University of Michigan Ann Arbor, Michigan	06/2002 – 06/2003
Residency in Pediatrics C.S. Mott Children's Hospital University of Michigan Ann Arbor, Michigan	07/2003 – 06/2005
Fellow in Pediatric Emergency Medicine University of Michigan Ann Arbor, Michigan	07/2005 – 06/2009

Fellow in Pediatric Health Services Research 07/2007 – 06/2009
Child Health Evaluation and Research (CHEAR) Unit
University of Michigan
Ann Arbor, Michigan

Health Policy Fellow 01/2013 – 05/2013
Center for Healthcare Research and Transformation (CHRT)
University of Michigan
Ann Arbor, Michigan

CERTIFICATION AND LICENSURE

Diplomate of the American Board of Pediatrics
General Pediatrics 2005 – present
Pediatric Emergency Medicine 2011 – present

State of Michigan Medical License 2005 – present
State of Michigan Controlled Substance License 2005 – present
DEA Certification 2005 – present

PALS Certification 2002 – present
ACLS/BCLS Certification 2002 – 2016
NRP Certification 2002 – 2012
PALS Instructor 2005 – present
ATLS Certification 2005 – 2013

ACADEMIC, ADMINISTRATIVE, AND CLINICAL APPOINTMENTS

Staff Physician, Pediatric Emergency Medicine 04/2008 – 06/2009
Saint Joseph Mercy Hospital,
Ann Arbor, Michigan

Clinical Lecturer of Pediatric Emergency Medicine 07/2009 – 12/2013
Department of Emergency Medicine
Department of Pediatrics
University of Michigan
Ann Arbor, Michigan

Assistant Professor of Pediatric Emergency Medicine 01/2014 – present
Children's Emergency Services
Department of Emergency Medicine
Child Health Evaluation and Research Unit
Department of Pediatrics
University of Michigan
Ann Arbor, Michigan

Director, Program on Unscheduled Pediatric Healthcare Delivery 06/2012 – present
Child Health Evaluation and Research Unit
Department of Pediatrics
University of Michigan
Ann Arbor, Michigan

RESEARCH INTERESTS

My formal training in Pediatric Emergency Medicine and Pediatric Health Services Research places me in a unique position to study the potential to extend emergency department (ED) care for children beyond the initial stabilization and treatment of acute conditions. My research currently focuses on two areas: 1) injury prevention through brief ED-based interventions to promote size-appropriate child passenger restraint use and 2) increasing ED efficiency and decreasing hospital resource utilization by applying principles of observation medicine.

GRANT SUPPORT

Present and Active:

Principal Investigator: A Brief ED Intervention to Promote Size-Appropriate Child Passenger Restraint Use

NICHHD, NIH, 1-K23-HD-070913-01

Total Cost: \$620,000; 2/2012 – 2/2017

Co-Principal Investigator: Mapping Child Passenger Safety Need and Resources for Michigan's Children (Co-PI: Bingham, C. Raymond)

Michigan Office of Highway Safety Planning

Total Cost: \$150,000; 2/2015-9/2016

Principal Investigator: The Carseat Compass

MTRAC Kickstart Award

Total Cost: \$34,936; 7/2015-6/2016

Consultant: Michigan Emergency Department Improvement Collaborative Program on Alternatives to Hospitalization (MEDIC-PATH) Quality Initiative

(Program Director: Kocher, Keith)

Previous:

Co-Investigator and Topic Lead: Overuse of Neuroimaging in Children with Headaches or Seizures. Quality Measurement, Evaluation, Testing, Review and Implementation Consortium (Q-METRIC) (PI: Freed, Gary)

Agency for Healthcare Research and Quality; 2011-2/2016

Principal Investigator: Car Seat Compass: Which child safety seat is right for your child?
University of Michigan Health System Fostering Innovations Grants
Total Cost: \$8,200; 5/2014-5/2015

Co-Investigator: Assessing the Impact of Cross-Disciplinary, Project-Focused, Action-Based Immersive Learning Experiences in Healthcare and Engineering (PI: Cohn, Amy)
Center for Research on Learning and Teaching (CRLT) Investigating Student Learning (ISL) Grant
Total Cost: \$8,000; 5/2014-5/2015

Principal Investigator: Identifying High-risk Areas for Child Safety Seat Misuse: A Geographic Information System Approach
University of Michigan Injury Center/Toyota Motor Engineering & Manufacturing North America
Total Cost: \$32,000; 6/2013 – 6/2015

Co-Investigator: Developing a Framework for Hands-On Collaborations between Engineering and Medical Students on Open-Ended Projects (PI: Cohn, Amy)
Gilbert Whitaker Fund for the Improvement of Teaching
Total Cost: \$9,700; 6/2012-12/2014

Principal Investigator: Implementation and Evaluation of Pediatric Observation Protocols in the Emergency Department
Center for Healthcare Research and Transformation (CHRT)
Total Cost: \$50,000; 5/2009 – 11/2013

Principal Investigator: Experiences and Attitudes Regarding Child Safety Seat Transitions among Parents in Two Michigan Emergency Departments
Michigan Center for Advancing Safe Transportation throughout the Lifespan (MCASTL)
Total Cost: \$42,000; 2/2011 – 5/2012

Principal Investigator: Belt-Positioning Booster Seats for Children: National Perspectives from Emergency Physicians and Parents
Michigan Center for Advancing Safe Transportation throughout the Lifespan (MCASTL)
Total Cost: \$28,000; 2/2010 – 12/2010

Principal Investigator: Caregiver Health Literacy and Asthma Education during a Pediatric Emergency Department Visit
Blue Cross Blue Shield of Michigan Foundation Grant
Total Cost: \$10,000; 2/2008 – 6/2009

Trainee: Training Grant for Pediatric Health Services Research
NICHD, NIH 5T32HD007534-07; 07/2007 – 06/2009

Trainee: University of Michigan Department of Physical Medicine and Rehabilitation
NIH-funded Summer Research Fellowship; 5/1999 – 8/1999

HONORS AND AWARDS

Graduation with distinction of High Honors in Biology	1998
Alice Crocker Lloyd Scholarship	1999
Mette Foundation Scholarship	1998-2002
Chamber Pot Award as Outstanding Intern	2003
APA Region V PAS Abstract Competition Award	2008
Fellow Award for Clinical Investigation/Health Services Pediatric Research Symposium, University of Michigan	2008
Faculty Award for Clinical Investigation/Health Services Pediatric Research Symposium, University of Michigan	2010
Golden Apple Teaching Award Pediatric Emergency Medicine Fellowship, University of Michigan	2011
Society for Academic Emergency Medicine Research Training Grant Awardee (Declined to accept K23 Career Development Award)	2012
Medical Student Teaching Award University of Michigan Medical School	2012
Golden Apple Teaching Award Pediatric Emergency Medicine Fellowship, University of Michigan	2014
Impact Accelerator Award University of Michigan Institute for Healthcare Policy and Innovation	2014
Faculty Face-time Award Pediatric Emergency Medicine Fellowship, University of Michigan	2015
Physician Finalist Health Care Heroes Awards Crain's Detroit Business	2015

MEMBERSHIP IN PROFESSIONAL SOCIETIES

American Medical Women's Association	1998 – 2002
American Medical Association	1998 – 2002
American Academy of Pediatrics	2002 – present
American Pediatric Association	2005 – present
Society of Academic Emergency Medicine	2005 – present
American College of Emergency Physicians	2009 – 2014
Society for Pediatric Research	2015 – present

EDITORIAL POSITIONS

Associate editor:

Academic Emergency Medicine

2013 – present

SCIENTIFIC ACTIVITIES

Ad hoc manuscript reviewer:

Pediatrics

2010 – present

<i>Pediatric Emergency Care</i>	2011 – present
<i>Academic Pediatrics</i>	2011 – present
<i>JAMA Pediatrics</i>	2012 – present
<i>Academic Emergency Medicine</i>	2012 – present
<i>Journal of Asthma</i>	2012
<i>Acta Paediatrica</i>	2012
<i>Injury Prevention</i>	2013
<i>Israel Journal of Health Policy Research</i>	2013
<i>Traffic Injury Prevention</i>	2014

Abstract reviewer:

Pediatric Academic Societies	2011 – present
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TEACHING

Undergraduate Students:

Zongchang Liu	2011 – 2012
Katherine Lu	2011 – 2012
Emily Burns	2012 – 2013
Tara Lynn O’Gara	2012 - 2013

Faculty Research Mentor, Undergraduate Research Opportunity Program	2010 – present
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Megan Czerwinski	2010 – present
Parisa Alaie	2011 – 2013
Sonali Gupta	2011 – 2012
Zachary Bauer	2012 – 2013
Samantha Rahrig	2012 – 2013
Carly Glahn	2013 – 2014
Margaret Heffers	2014 – 2015
Halimat Olaniyan	2015 – 2016
Christopher Hu	2015 – 2016

Postgraduate/Masters Level:

Bethany Buschmann, Public Health	2011 – 2012
Joseph East, Public Health and Engineering	2012 – 2014
Mohammad Ali Jardaly, Engineering	2012
Jason Card, Engineering	2013
Mary Smiley, Public Health	2013 – 2014
Vanessa Morales, Engineering	2013 – 2014

Faculty Mentor EM Clinical Integration and Reasoning: Books to Bodies	2012 - present
Summer Biomedical Research Program	2013, 2015, 2016

Residents:

Pediatric Research Mentor	
Megan Olson, MD	2011 – 2013
Jessica Fealy, MD	2010 – 2011
Ingrid Krauss, MD	2011 – 2012
Christina Grech, MD	2014 – 2015
Pediatric Resident Advisor	
Kevin Dazy, MD	2011 – 2014
Felicia Tsaur, MD	2012 – 2015
Payal Kenia, MD	2013 – 2015
Shannon Taut, MD	2014 – 2017
Elizabeth Ames, MD, PhD	2015 - 2019
EBM Mentor	
Pediatric Residency Program	2013 – present
Emergency Medicine Residency	2012, 2015

Fellows:

Kendra Grether-Jones, MD	2009 – 2014
Allison Cator, MD, PhD	2010 – 2013
Whitney Cabey, MD	2011 – present
Emily L. Mueller, MD, MSc	2013 – 2014
Kathryn I. Murinas, MD, MS	2013 – present
Pediatric Emergency Medicine	2009 – 2013
Evidence Based Medicine Article Review Sessions	

Lectures:

“Asthma in the Emergency Department”	2007 – present
Annual Lecture	
Pediatric Emergency Medicine Fellowship Lecture Series	
University of Michigan	
“Identifying Common Pediatric Rashes”	2009
Emergency Medicine Residency Lecture Series	
University of Michigan	
“Office Preparedness”	2009
Pediatric Residency Lecture Series	
University of Michigan	
“Hot Topics in Pediatric Health Services Research”	2011
Pediatric Residency Lecture Series	
University of Michigan	

<p>“How to Prepare an Abstract for National Meetings” Annual Lecture Pediatric Emergency Medicine Fellowship Lecture Series University of Michigan</p>	2010 – present
<p>“Presenting your Research: Giving a 10-minute Talk” Annual Lecture Pediatric Emergency Medicine Fellowship Lecture Series University of Michigan</p>	2010 - present
<p>“Presenting your Research: Poster Preparation” Recurrent Lecture Pediatric Emergency Medicine Fellowship Lecture Series University of Michigan</p>	2011, 2013, 2014
<p>“Writing Your Manuscript: Tips for Getting Started” Annual Lecture Pediatric Emergency Medicine Fellowship Lecture Series University of Michigan</p>	2012
<p>“Intensive Care for Children with Asthma” Pediatric Emergency Medicine/Critical Care Joint Conference University of Michigan</p>	2011
<p>“Acute Care for Pediatric Asthma” Pediatric Nurse Practitioner Program University of Michigan</p>	2014, 2015, 2016
<p>“Child Passenger Safety 101” Recorded Webinar Pediatric Residency Program University of Michigan</p>	2014
<p>“Evidence Based Medicine Curriculum for PEM Fellows” Recurrent Lectures and Journal Club Sessions Pediatric Emergency Medicine Fellowship Lecture Series University of Michigan</p>	2015 - present

COMMITTEE, ORGANIZATIONAL, AND VOLUNTEER SERVICE

Departmental:

Emergency Medicine Operations Research Group	2009 – 2012
Pediatric Observation Protocol Development and Evaluation	2009 – present
Fellowship Scholarly Oversight Committee Member	2010 – present
Pediatric Emergency Medicine	
MEDIC-QI Pediatric Emergency Medicine Clinical Champion	2016

Health System:

Hospital Multidisciplinary Asthma Team	2005 – present
Galen’s Medical Society Tag Days Happy Van Driver	2009 – present
Resident Faculty Advisor	2011 – present
Department of Pediatrics Residency Program	
Pediatric Residency Program Evaluation Committee Member	2013 – present
Impact Accelerator Advisory Committee Member	2014 – present
Institute for Healthcare Policy and Innovation	
Student Biomedical Research Committee Member	2016

Regional:

Michigan Department of Community Health	2005 – 2011
Asthma Initiative ED Discharge Instructions Work Group	
Washtenaw County Asthma Coalition Member	2005 – 2008
Genesee County Childhood Asthma Taskforce Member	2005 – 2008
Center for Healthcare Research and Transformation (CHRT), Expert Advisor	2011 – present
Michigan Occupant Protection Action Team Member	2013 – present
Michigan Occupant Protection Program Assessment	2014
Michigan Office of Highway Safety and Planning	

National:

Injury Free Coalition for Kids	2010 – present
Ann Arbor Pediatric Emergency Medicine Representative	
Great Lakes Emergency Medical Services for Children	2010 – present
Research Network Scientific Advisory Committee Member	
Children’s Hospital Association	2011 – 2014
Observation Patient Research Group	
Lead Investigator	
American Academy of Pediatrics	2011 - present
Guideline on Evaluation of Fever in Infants Under 3 Months	
Subcommittee Member	
Pediatric Emergency Care Applied Research Network	2012 - 2015
Injury Visits within PECARN Core Data Project Research Group	
Lead Investigator	
American Academy of Pediatrics	2015 - present
Section on Emergency Medicine Survey Subcommittee Member	

**VISITING PROFESSORSHIPS, SEMINARS, AND EXTRAMURAL
INVITED PRESENTATIONS**

“Perspectives from Parents on Child Passenger Safety”	12/2011
National Association of Children’s Hospitals and Related Institutions	
Injury Prevention Webinar Series, 150 participants	

<p>“Differences in Designations of Observation Care in Children’s Hospitals; Are they virtual or real?” Pediatric Health Information System Journal Club Webcast Children’s Hospital Association, 75 participants</p>	3/2012
<p>“EMSC and Pediatric HSR” Pediatric Emergency Medicine National Fellow’s Conference Austin, Texas</p>	2/2013
<p>“Racial Disparities in Child Passenger Safety” Occupant Protection for Children, What’s New in Research, Part 1 Lifesavers 2013 National Conference on Highway Safety Priorities Denver, Colorado</p>	4/2013
<p>“Sizing-Up the Latest Recommendations for Child Passenger Safety” Michigan Chapter American Academy of Pediatrics 63rd Annual Meeting Grand Rapids, Michigan</p>	9/2013
<p>“The Latest in Child Passenger Safety: How Does Size Fit In?” Preventing Injury: From Research to Practice to People Midwest Regional Injury Conference Ann Arbor, MI</p>	9/2013
<p>“Disparities in Child Passenger Safety” Michigan Child Passenger Safety Technicians Continuing Education Unit Event East Lansing, MI</p>	3/2014
<p>“After the Crash: Why Size-Appropriate Child Safety Seats Matter” Michigan Traffic Summit East Lansing, MI</p>	3/2014
<p>“Looking Back on Rear-Facing Car Seats: Are We Making Progress?” Lifesavers 2015 National Conference on Highway Safety Priorities Chicago, IL</p>	3/2015
<p>“Developing a Career in EMSC” Workshop in collaboration with Kathleen Brown, MD, Susan Fuchs, MD, Charles Macias MD, MPH, and Kate Remick, MD Pediatric Emergency Medicine National Fellow’s Conference Ann Arbor, MI</p>	2/2016
<p>“Older than 8, Why Older Children Need Booster Seats and Seat Belts” Michigan Child Passenger Safety Conference Mount Pleasant, MI</p>	5/2016

INTRAMURAL PRESENTATIONS

- “Sizing-up Parental Opinions on Booster Seat Laws” 3/2010
Child Health Evaluation and Research (CHEAR) Unit
Health Services Research Seminar Series
University of Michigan
- “Injury Prevention Regarding Child Passenger Safety;
A National Survey of Emergency Physicians” 5/2011
Injury Center Seminar Series
University of Michigan
- “Child Passenger Safety and the Emergency Department” 9/2011
Department of Emergency Medicine Research Meeting
University of Michigan
- “What’s Holding Your Patients Back; An Update on Child Passenger Safety” 11/2011
Department of Pediatrics Grand Rounds
University of Michigan
- “The Status of Observation Care in US Free-Standing Children’s Hospitals” 4/2012
Child Health Evaluation and Research (CHEAR) Unit
Health Services Research Seminar Series
University of Michigan
- “Perspectives on Child Passenger Safety from Parents in Two Michigan EDs” 10/2012
Child Health Evaluation and Research (CHEAR) Unit
Health Services Research Seminar Series
University of Michigan
- “Opportunities to Improve Child Passenger Safety Identified in the ED” 6/2013
Department of Emergency Medicine Research Meeting
University of Michigan
- “Putting Child Safety Seat Check-up Programs on the Map;
A Geographical Information Systems (GIS) Approach” 2/2014
Child Health Evaluation and Research (CHEAR) Unit
Health Services Research Seminar Series
University of Michigan
- “Improving Emergency Care for Children
through Collaboration with Industrial Engineering” 3/2014
Workshop on Modeling Health and Economic Outcomes
University of Michigan

- “Child Passenger Safety in Michigan” 4/2014
Division of General Pediatrics Faculty Meeting
University of Michigan
- “Looking Back on Rear-Facing Car Seats: Are We Making Progress?” 1/2015
Department of Pediatrics Grand Rounds
University of Michigan

BIBLIOGRAPHY

Peer-Reviewed Publications:

- 1) Warschausky SA, Giacoletti Argento A, Hurvitz EA, **Berg ML**. Neuropsychological Status and Social Problem-Solving in Children with Congenital or Acquired Brain Dysfunction. *Rehabilitation Psychology*. 2003; 48:250-254.
- 2) Hurvitz EA, Warschausky SA, **Berg ML**, Tsai S. Long-Term Functional Outcome of Pediatric Stroke Survivors. *Topics in Stroke Rehabilitation*. 2004; 11(2):51-59.
- 3) Sasson C, Hegg A, **Macy ML**, Park A, Kellermann A, McNally B. CARES Surveillance Group. Prehospital Termination of Resuscitation in Cases of Refractory Out-of-Hospital Cardiac Arrest. *JAMA* 2008; 300(12):1432-8.
- 4) **Macy ML**, Stanley RM, Lozon MM, Sasson C, Gebremariam A, Davis, MM. Trends in High Turnover Stays Among Children Hospitalized in the United States, 1993-2003. *Pediatrics* 2009; 123(3):996-1002.
- 5) Sasson C, Foreman J, Krass D, **Macy ML**, Kellermann A, McNally B. A Qualitative Study to Identify Barriers to Local Implementation of Prehospital Termination of Resuscitation Protocols. *Circulation: Cardiovascular Quality and Outcomes* 2009; 2(4):361-368.
- 6) **Macy ML**, Kim CS, Sasson C, Lozon M, Davis M. Pediatric Observation Units in the United States: A Systematic Review. *Journal of Hospital Medicine*. 2010; 5(3):172-82.
- 7) Sasson C, Forman J, Krass D, **Macy ML**, Hegg AJ, McNally BF, Kellermann AL. A qualitative study to understand barriers to implementation of national guidelines for prehospital termination of unsuccessful resuscitation efforts. *Prehospital Emergency Care*. 2010; 14(2):250-8.
- 8) Fortuna E, Carney M, **Macy ML**, Stanley R, Younger J, Bradin S. Accuracy of Non-contact Infrared Thermometry versus Rectal Thermometry in Young Children Evaluated in the Emergency Department for Fever. *Journal of Emergency Nursing*. 2010; 36(2):101-4.

- 9) Meurer WJ, Potti TA, Kerber KA, Sasson C, **Macy ML**, West BT, Losman ED. Potentially inappropriate medication utilization in emergency department visits by older adults: analysis from a nationally representative sample. *Academic Emergency Medicine*. 2010; 17(3):231-7.
- 10) Sasson C, Keirns CC, Smith D, Sayre M, **Macy ML**, Meurer W, McNally BF, Kellermann AL, Iwashyna TJ. CARES (Cardiac Arrest Registry to Enhance Survival) Study Group. Small Area Variations in Out-of-Hospital Cardiac Arrest: Does the Neighborhood Matter? *Annals of Internal Medicine*. 2010 Jul 6; 153(1):19-22.
- 11) Meddings J, Rogers MAM, **Macy ML**, Saint S. Systematic Review and Meta-Analysis: Reminder Systems to Reduce Catheter-Associated Urinary Tract Infections and Urinary Catheter Use in Hospitalized Patients. *Clinical Infectious Diseases*. 2010 Sep; 1; 51(5):550-60.
- 12) **Macy ML**, Stanley R, Sasson C, Gebremariam A, Davis M. High Turnover Stays for Pediatric Asthma in the United States: Analysis of the 2006 Kids' Inpatient Database. *Medical Care*. 2010 Sep; 48(9):827-33.
- 13) Ponce A, Swor R, Quest TE, **Macy ML**, Meurer W, Sasson C. Death Notification Training for Prehospital Providers: A Pilot Study. *Prehospital Emergency Care*. 2010 Oct-Dec; 14(4):537-42.
- 14) Sasson C, Keirns C, Smith D, Sayre M, **Macy ML**, Meurer W, McNally BF, Kellermann AL, Iwashyna TJ. Examining the Contextual Effects of Neighborhood on Out-of-Hospital Cardiac Arrest and the Provision of Bystander Cardiopulmonary Resuscitation. *Resuscitation*. 2011 Jun;82(6)674-9.
- 15) **Macy ML**, Clark SJ, Davis MM, Stanley R. Parental Health Literacy and Asthma Education Delivery during a Visit to a Community-Based Pediatric Emergency Department: A Pilot Study. *Pediatric Emergency Care*. 2011 Jun; 27(6):469-74.
- 16) **Macy ML**, Hall M, Shah SS, Hronek C, DelBeccaro MA, Hain PD, Alpern ER. Differences in Designations of Observation Care in US Freestanding Children's Hospitals: Are they virtual or real? *Journal of Hospital Medicine*. 2012, Apr;7(4):287-93.
- 17) **Macy ML**, Reed MP, Freed GL. Driver Report of Improper Seat Belt Position among 4- to 9-year-old children. *Academic Pediatrics*. 2011, Nov-Dec;11(6):487-92.
- 18) **Macy ML**, Clark SJ, Freed GL, Butchart AT, Singer DC, Sasson C, Meurer WJ, Davis MM. Carpooling and Booster Seats: A National Survey of Parents. *Pediatrics*. 2012, Feb;129(2):290-8.

- 19) **Macy ML**, Clark SJ, Sasson C, Meurer WJ, Freed GL. Emergency physician perspectives on child passenger safety: a national survey of attitudes and practices. *Academic Pediatrics*. 2012 Mar-Apr;12(2):131-7.
- 20) Timm N, McAneney C, Alpern E, **Macy ML**, Ruddy R; Pediatric Emergency Care Applied Research Network. Is Pediatric Emergency Department Utilization by Pregnant Teens on the Rise? *Pediatric Emergency Care* 2012 Apr;28(4):307-9.
- 21) **Macy ML**, Hall M, Shah SS, Harding JP, Del Beccaro MA, Hain PD, Hronek C, Alpern ER. Pediatric Observation Status: Are We Overlooking a Growing Population in Children's Hospitals. *Journal of Hospital Medicine*. 2012 Sep;7(7):530-6.
- 22) Paulsen MJ, Haddock AJ, Silbergleit R, Meurer WJ, **Macy ML**, Haukoos JS, Sasson C. Empirical Hospital and Professional Charges for Patient Care Associated with Out of Hospital Cardiac Arrest Before and After Implementation of Therapeutic Hypothermia for Comatose Survivors. *Resuscitation*. 2012 Oct;83(10):1265-70.
- 23) **Macy ML**, Freed GL. Child Passenger Safety Practices in the United States: Disparities in Light of Updated Recommendations. *American Journal of Preventive Medicine*. 2012 Sep;43(3):272-81.
- 24) **Macy ML**, Freed GL, Reed MP. Child Passenger Restraints in Relation to Other Second-Row Passengers: an Analysis of the 2007-2009 National Survey of the Use of Booster Seats. *Traffic Injury Prevention* 2013 Feb;14(2)209-14.
- 25) **Macy ML**, Clark SJ, Cunningham R, Freed GL. Availability of Child Passenger Safety Resources to Emergency Physicians Practicing in Emergency Departments within Pediatric, Adult, and Non-Trauma Centers: A National Survey. *Pediatric Emergency Care* 2013 Mar;29(3):324-30.
- 26) Fieldston ES, Shah SS, Hall M, Hain PD, Alpern ER, DelBeccaro MA, Harding JP, **Macy ML**. Resource Utilization for Observation-Status Stays at Children's Hospitals. *Pediatrics* 2013 Jun;131(6):1050-58.
- 27) Wallaker K, Fortuna E, Bradin S, **Macy ML**, Hassan M, Stanley R. Milk and Molasses Enemas: Clearing Things Up. *Journal of Emergency Nursing* 2014 Nov;40(6):546-51.
- 28) Fieldston ES, Zaniletti I, Hall M, Colvin JD, Gottlieb L, **Macy ML**, Alpern ER, Morse RB, Hain PD, Sills MR, Frank G, Shah SS. Community Household Income and Resource Utilization for Common Inpatient Pediatric Conditions. *Pediatrics* 2013 Dec;132(6):e1592-601.

- 29) East JR, Cator A, Burns E, O’Gara TL, Card J, Cohn A, **Macy ML**. Rounding Frequency and Hospital Length of Stay for Children with Respiratory Illnesses: A Simulation Study. *Journal of Hospital Medicine* 2013 Dec; 8(12):678-83.
- 30) **Macy ML**, Cunningham RM, Resnicow K, Freed GL. Disparities in Age-Appropriate Child Passenger Restraint Use among Children Age 1 to 12 Years. *Pediatrics* 2014 Feb;133(2):262-71.
- 31) **Macy ML**, Carter PM, Bingham CR, Cunningham RM, Freed GL. Potential Distractions and Unsafe Driving Behaviors Among Drivers of 1- to 12-year-old Children. *Academic Pediatrics* 2014 May-Jun;14(3):279-86.
- 32) Narra A, Lie E, Hall M, **Macy ML**, Alpern E, Shah SS, Osterhoudt KC, Fieldston E. Resource Utilization of Pediatric Patients Exposed to Venom, *Hospital Pediatrics* 2014 Sep;4(5)276-82.
- 33) Cator AD, Weber JS, Lozon MM, **Macy ML**. Effect of Using Pediatric Emergency Department Virtual Observation on Inpatient Admissions and Lengths of Stay, *Academic Pediatrics* 2014 Sep-Oct; 14(5):510-6.
- 34) Mueller EL, Sabbatini A, Gebremariam A, Mody R, Sung L, **Macy ML**. Why pediatric patients with cancer visit the emergency department: United States 2006 – 2010. *Pediatric Blood and Cancer* 2015 Mar;62(3):490-495.
- 35) **Macy ML**, Cohn L, Clark SJ. Trends in Observation-Prone Emergency Department Visits among Michigan Children, 2007-2011. *Academic Emergency Medicine* 2015 Apr;22(4):483-486.
- 36) **Macy ML**, Hall M, Alpern ER, Fieldston ES, Shanley LA, Hronek C, Hain PD, Shah SS. Observation-Status Patients in Children’s Hospitals With and Without Dedicated Observation Units in 2011. *Journal of Hospital Medicine* 2015 Jun;10(6):366-72.
- 37) **Macy ML**, Butchart AT, Singer DC, Gebremariam A, Clark SJ, Davis, MM. Looking Back on Rear-Facing Car Seats: Surveying US Parents in 2011 and 2013. *Academic Pediatrics* 2015 Sep-Oct;15(5):526-33.
- 38) Shanley LA, Hronek C, Hall M, Alpern ER, Fieldston ES, Hain PD, Shah SS, **Macy ML**. Structure and Function of Observation Units in Children’s Hospitals: A Mixed-Methods Study. *Academic Pediatrics* 2015 Sep-Oct;15(5):518-25.
- 39) **Macy ML**, Zonfrillo MR, Cook LJ, Funai T, Goldstick J, Stanley RM, Chamberlain JM, Cunningham RM, Lipton R, Alpern ER; Pediatric Emergency Care Applied Research Network. Patient- and Community-Level Sociodemographic Characteristics Associated with Emergency Department Visits for Childhood Injury. *The Journal of Pediatrics* 2015 Sep;167(3):711-718e4.

- 40) Kroeker AM, Teddy AJ, **Macy ML**. Car Seat Inspection Among Children Older Than Three: Using data to drive practice in child passenger safety. *The Journal of Trauma and Acute Care Surgery* 2015 Sep;79(3 Suppl 1): S48-54.
- 41) Zonfrillo MR, Zanileti I, Hall M, Fieldston ES, Colvin JD, Bettenhausen JL, **Macy ML**, Alpern ER, Cutler GJ, Raphael JL, Morse RB, Sills MR, Shah SS. Socioeconomic status and hospitalization costs for children with brain and spinal cord injury. *The Journal of Pediatrics* 2016 Feb; 169: 250-255. doi: 10.1016/j.jpeds.2015.10.043. Epub 2015 Nov 10.
- 42) Mueller EL, Hall M, Shah SS, August KJ, Radhi MA, **Macy ML**. Characteristics of Children with Cancer Discharged or Admitted from the Emergency Department. *Pediatr Blood Cancer*. 2016 May; 63(5):853-8. doi: 10.1002/pbc.25872. Epub 2015 Dec 29.
- 43) Mueller EL, Hall M, Carroll AE, Shah SS, Macy ML. Frequent Emergency Department Utilizers among Children with Cancer. *Pediatr Blood Cancer*. 2016 May;63(5):859-64. doi: 10.1002/pbc.25929. Epub 2016 Feb 3.
- 44) Sills MR, Hall M, Colvin JD, **Macy ML**, Cutler GJ, Bettenhausen JL, Morse RB, Auger KA, Raphael JL, Gottlieb LM, Fieldston ES, Shah SS. Association of Social Determinants with Children's Hospitals' Preventable Readmissions Performance. *JAMA Pediatr*. 2016 Apr 1;170(4):350-8. doi: 10.1001/jamapediatrics.2015.4440. Epub 2016 Feb 15.

Published Peer-Reviewed Quality Measures

- 1) **Macy ML**, Freed GL, Reeves SL, Madden BW, McCormick J, Faasse T, Dombkowski KJ for Quality Measurement Evaluation, Testing, Review, and Implementation Consortium. Overuse of imaging for the evaluation of children with simple febrile seizure. National Quality Measures Clearinghouse, Rockville (MD): Agency for Healthcare Research and Quality (AHRQ). Accepted February 10, 2016.
- 2) **Macy ML**, Freed GL, Reeves SL, Madden BW, McCormick J, Faasse T, Dombkowski KJ for Quality Measurement Evaluation, Testing, Review, and Implementation Consortium. Overuse of imaging for the evaluation of children with primary headache. National Quality Measures Clearinghouse, Rockville (MD): Agency for Healthcare Research and Quality (AHRQ). Accepted February 10, 2016.
- 3) **Macy ML**, Freed GL, Reeves SL, Madden BW, McCormick J, Faasse T, Dombkowski KJ for Quality Measurement Evaluation, Testing, Review, and Implementation Consortium. Overuse of imaging for the evaluation of children with post-traumatic headache. National Quality Measures Clearinghouse, Rockville (MD): Agency for Healthcare Research and Quality (AHRQ). Accepted February 10, 2016.

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- 3) **Macy ML**. Child Passenger Safety and the ED, American College of Emergency Physicians, Trauma and Injury Prevention Section Newsletter, August 2011.
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ABSTRACTS

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