**Date of Revision: October 26, 2015**

**Name:** Mark Xavier Cicero, MD

**Education**

Rochester Institute of Technology August 1993 – February 1997

Rochester, NY

Bachelor of Science, Biology

Graduated with High Honors

State University of New York at Buffalo August 1997 – May 2001

Buffalo, NY

Doctor of Medicine

**Career/Academic Appointments:**

**Pediatrics Intern** July 2001 – June 2002

Eastern Virginia Medical School Department of Pediatrics

Norfolk, VA

Pediatrics Resident July 2002 – June 2004

Eastern Virginia Medical School Department of Pediatrics

Norfolk, VA

**Chief Resident in Pediatrics** June 2004 - June 2005

Eastern Virginia Medical School Department of Pediatrics

Norfolk, VA

**Pediatric Emergency Medicine Fellow** July 2005 – June 2008

Yale University School of Medicine Department of Pediatrics

New Haven, CT

**Pediatric Transport Fellow** August 2005 – June 2008

Yale University School of Medicine Department of Pediatrics

New Haven, CT

**Assistant Professor of Pediatrics** July 2008 – Present

Yale University School of Medicine Department of Pediatrics

New Haven, CT

**CT Disaster Medical Assistance Team Medical Officer** September 2009 – Present

Federal Appointment, Department of Homeland Security

Hartford, CT

**Administrative Positions:**

June 2011 to present Director, Yale Pediatric Disaster Preparedness. New Haven, CT

May 2010 to present Principal Investigator and Director, Pediatric Research in Disaster Education

 (PRIDE) Network. New Haven, CT, Providence, RI, and Worcester, MA

**Board Certification**

American Board of Pediatrics, Pediatrics, October 2004, Recertified October 2014

American Academy of Pediatrics, Sub-board of Emergency Medicine, Pediatric Emergency Medicine, March 2009

**Professional Honors & Recognition**

**Regional/National**

2015: National Association of EMS Physicians Award for Best Disaster Research

2012: Academic Pediatric Association Educational Scholars Graduate

2011: The 16th Annual Forrest White Visiting Professorship. Eastern Virginia Medical School

2011: Finalist, Eastern SPR Faculty Young Investigator Award

2008: Winner, Pediatric Academic Societies Fellow’s Clinical Research Award

 2008: Eastern Society for Pediatric Research Travel Grant

 2006: Winner, Inaugural PEMPix Photo Competition at

 American Academy of Pediatrics National Conference and

 Exhibition

 2005: Alpha Omega Alpha, Inducted at Eastern Virginia Medical

 School

**University and School of Medicine**

2014: Yale School of Medicine Humanism in Teaching Scholar

2010: Howard A. Pearson Faculty Teaching Award, Yale University Department of

 Pediatrics

2008: Outstanding Fellow Teaching Award, Yale University Department of Pediatrics

2008: First Place, Yale University Department of Pediatrics Fellows Research Day

2002: Children’s Hospital of the Kings Daughters Resident Teaching

 Award, selected by the medical students rotating in Pediatrics

 2002: Outstanding First Year Resident Award, Eastern Virginia Medical School

 2001: Children’s Hospital of Buffalo Prize, award for outstanding performance by a

 graduating medical student

**Grant/Clinical Trials History:**

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**Grant History**

**Previous Grants**

May 2009 – May 2010: Yale Pediatric Faculty Development Program Grant

Title: Pediatric Disaster Medicine Curriculum Development

Role: Principal Investigator, 20% effort (no salary support)

Total cost: $5729

May 2010 – May 2011: Yale Pediatric Faculty Development Program Grant

Title: Obstacles to Pediatric Disaster Triage Performance: A Qualitative Investigation

 Role: Principal Investigator, 10% effort (no salary support)

 Total cost: $4500

Description of work: This project is a qualitative evaluation of obstacles encountered by paramedics caring for children in disasters. We plan to:

Generate codes and themes to describe the obstacles

Incorporate strategies to overcome the obstacles into future research.

September 2010-June 2014: Emergency Medical Services for Children

Kind of Grant: Targeted Issue Grant

Title of Grant: Small Victims, Big Challenges: Refining Pediatric Disaster Triage Education and Assessing Triage Algorithms in the Prehospital Setting

Role: Principal Investigator of the Entire Project and Yale Site Director

Percent effort: 30%

Total costs: $852,000

Description of work: This project was conducted at Yale University, University of Massachusetts, and Brown University. The goals were:

1. Design a pediatric disaster triage curriculum, including standardized disaster scenarios, evaluation tools, and

 lectures

1. Provide the curriculum to prehospital care professionals and students across our three Southern New England

 states

1. Compare the effectiveness of the three strategies used in our three states, namely Smart triage in CT,

 JumpSTART in MA, and Clinical Judgment in RI.

**Current Grants**

Kind of Grant: AHRQ Grant R18-HS022837

Title of Grant: Computer-Based Simulation For Pediatric Disaster Triage Training

Role: Principal Investigator

Percent Effort: 20%

Total Costs: $720,455

Project term: October 2014 – September 2017

Description of work: This project is conducted at Yale University and Yale-New Haven hospital Center for Emergency Preparedness and Disaster Response. The goals are:

1) Developing a computer-based simulation (CBS) with validated evaluation tools for pediatric disaster triage (PDT) learners.

2) Measuring learners’ triage accuracy, instances of mistriage and simulated patient outcomes using the JumpSTART Pediatric multiple casualty incident triage tool algorithm and pre- and post- training tests. This will be done before, immediately after and three and six months after the educational intervention. Triage accuracy will be determined by comparison of learner triage level selections to standardized triage levels for the simulated victims.

3) Measuring the effectiveness of the CBS PDT in conveying retainable, implementable pediatric disaster triage knowledge and skills.

4) Achieving a success rate of >80% of learners performing pediatric disaster triage with accuracy that is >/=90% in the post-training test and the two retention evaluations that will be given: 1) three months after training is completed and 2) six months after training.

5) Determining the cost-effectiveness and efficacy of CBS learning strategies for paramedics learning PDT.

# Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale:

**National and International Presentations**

2015 “Pediatric Disaster Triage.” At The 2015 National Pediatric Disaster Coalition Conference.

November 2, 2015. Phoenix, Arizona.

2015 "Small Victims, Big Challenges: Advocacy for Pediatric Emergency Medicine Disaster

 Preparedness" Plenary at the American Academy of Pediatrics National Convention and

 Exhibition. October 23, 2015. Washington, DC.

2015 “60 Seconds to Survival: Pediatric Disaster Triage.” Webinar for the Agency for Healthcare

 Research and Quality. September 9, 2015.

2015 “Small Victims, Big Challenges: Pediatric Disaster Education and Preparedness.” At Current

 Trends and New Horizons in Forensic and Nationals Security Sciences: Opportunities and

 Challenges. Distinguished Lecture Series. May 7, 2015. Syracuse, New York

2015 “Cards Against ESP Insanity: An Introduction to the APA Educational Scholars Program.” At

 the Pediatric Academic Societies meeting. April 24, 2015. San Diego, California.

2014 “Evaluation of Pediatric Disaster Education.” Webinar with a national audience, hosted by

 Emergency Medical Services for Children. October 28, 2014.

2014 “Pediatric Disaster Triage: One Chance to Get It Right.” At the Massachusetts Emergency

 Medical Services Conference. October 18, 2014. Springfield, Massachusetts.

2014 “Learning in Disaster Health.” At the National Center for Disaster Medicine and Public Health.

 September 10, 2014. Washington, DC.

2014 “Pediatric Disaster Triage: Doing The Most Good For the Most Patients in the Least Time.” At

 the Tennessee Emergency Medical Services for Children Conference. March 28, 2014.

 Knoxville, Tennessee.

2014 “Families in the Eye of the Storm: Disaster Preparedness Begins in the Home.” At the American

 Academy of Pediatrics Healthy Children Expo. March 9, 2014. Rosemont, Illinois.

2014 “Small Victims, Big Challenges: Pediatric Disaster Preparedness, Response and Recovery.” At the Massachusetts EMSC Education Day. February 18, 2014. Northampton, Massachusetts.

2014 “EMSC Successes: Grant Recipients and Findings.” At the National Association of Emergency Medical Service Physicians Annual Meeting. January 17, 2014. Tucson, Arizona.

2014 “Pediatric Simulation Preconference: Pediatric Disaster Triage.” At the National Association of Emergency Medical Service Physicians Annual Meeting. January 14, 2014. Tucson, Arizona.

2013 “Pediatric Disaster Triage: Doing The Most Good For the Most Patients in the Least Time” and “In the Center of it All: EMS and The Trauma Center in Pediatric Disaster Planning and Response.” At the Annual Vermont EMS Conference. October 23 and 24, 2013. Jay Peak, Vermont.

2013 “Multi-Modal, Multiple Patient Simulation: How to Orchestrate a Disaster.” Webinar with an international audience, hosted by the International Pediatric Simulation Society. July 25, 2013.

2013 “Pediatric Disaster Triage: Doing The Most Good For the Most Patients in the Least Time.” Grand

 Rounds at Omaha Children’s Hospital, June 7, 2013. Omaha, Nebraska.

2013 “In the Center of it All: The Pediatric Trauma Center in Disaster Preparedness and Response.” At the

 7th Annual Treatment and Rehabilitation of the Pediatric Trauma Patient Conference. The Alexis Verzal Children’s Rehabilitation Hospital at Madonna. June 7, 2013. Omaha, Nebraska.

2013 Producer for “NYC Apartment Fire”, Opening Simulation, International Pediatric Simulations

 Societies Symposia and Workshops, April 23, 3013 New York, New York.

2013 “Pediatric Disaster Triage: Doing The Most Good For the Most Patients in the Least Time.” At Iowa Emergency Medical Services for Children. February 7, 2013. Council Bluffs, Iowa.

2013 Refining Pediatric Disaster Triage Algorithms and Education in the Prehospital Setting: Simulations and Debriefings. ” At Creighton University. February 7, 2013. Omaha, Nebraska.

2012 “Small Victims, Big Challenges: Pediatric Disaster Triage and Education.” At the Annual Vermont EMS Conference. October 29, 2012. Burlington, Vermont.

2012 “Refining Pediatric Disaster Triage Algorithms and Education in the Prehospital Setting.” Webinar with national audience, hosted by Emergency Medical Services for Children and the American Academy of Pediatrics. June 20, 2012.

2012 “It’s About Collaboration: How EMSC State Partnerships Helped Our Project Take Flight.” At EMSC Annual Grantees Conference. May 9, 2012. Bethesda, Maryland.

2012 “Small Victims, Big Challenges: Pediatric Disaster Triage, Treatment and Recovery.” Webinar with national audience, Yale Center for Emergency Preparedness and Disaster Response. January 26, 2012.

2011 “Pediatric Disaster Triage Education: Design, Evaluation, and Impact of Multiple-Patient Simulation.” At the New England Council on Emergency Medical Services Annual Meeting. November 21, 2011. York, Maine.

2011 “Preparing For the Worst: How to Practice and Survive after a Community Wide Disaster.”

Facilitator. At The American Academy of Pediatrics National Convention and Exhibition.

October 17, 2011. Boston, Massachusetts

2011 *“*Small Victims, Big Challenges:Pediatric Triage, Treatment and Recovery in Disasters.” At

 Inclusive Emergency Planning Live Event, Massachusetts Medical Society. June 7, 2011.

 Waltham, Massachusetts

2011 “Pediatric Disaster Life Support©: Psychosocial Issues of Children and Families in Disasters.”

 & “Pediatric Disaster Triage” At the Pediatric Disaster Life Support Course.

 June 13 & 14, 2011. Salt Lake City, Utah

2011 “Infectious Disasters: Little Victims, Big Challenges.” At the Mount Sinai RBaby Pediatric

 Infectious Disease Symposium. April 27, 2011. New York City, New York

2011 “High Stakes, Fast Pace & Vulnerable Patients: A Primer on Pediatric Emergency Ethics.”

 At Eastern Virginia Medical School, 13th Annual Pediatric Emergency Medicine Update.

 April 14, 2011. Norfolk, Virginia

2011 “Small Victims, Big Challenges: Pediatric Disaster Triage, Treatment & Education.” At

 Eastern Virginia Medical School, 13th Annual Pediatric Emergency Medicine Update.

 April 14, 2011. Norfolk, Virginia

2010 “Pediatric Triage: What’s the Plan?” At The 22nd Annual Kiwanis Pediatric Trauma

 Management Seminar. December 2, 2010. Providence, Rhode Island

2010 “Pediatric Disaster Triage Education: Design, Evaluation, and Impact of Multiple-Patient

Simulation.” At the National Center for Disaster Preparedness of Columbia University

November 18, 2010. New York City, New York

2010 “Low Cost Tabletop Simulation For Pediatric Disaster Preparedness, Triage, and

 Treatment.” At the 3rd Annual International Pediatric Simulation Symposia and

 Workshops. September 30, 2010. Madrid, Spain

2010 “Small Victims, Big Challenges: Pediatric Disaster Preparedness, Response, and

 Recovery.” At Annual Health Care Systems Emergency Preparedness Conference. June 3, 2010.

 Hershey, Pennsylvania

2010 “The Not So Pacific Northwest: Pediatric Disaster Triage, Response and Recovery.”

 Workshop at Pediatric Academic Societies Meeting. May 1, 2010, Vancouver, British

 Columbia

2009 “Pediatric Disaster Triage: Doing the Most Good for The Most Patients in the Least

 Time.” Presentation at Pediatric Disaster Medicine Update.

 May 18, 2009, Augusta, Maine

2009 “Hurricane Ana vs. the Children of Baltimore: A Pediatric Disaster Preparation,

 Response and Recovery Drill.” Workshop at Pediatric Academic Societies meeting.

 May 4, 2009, Baltimore, Maryland

2008 “Bending, Not Breaking: Promoting Resiliency in Children Before Disasters.” At the Western Regional Preparedness Conference. July 2008, Las Vegas, Nevada

2008 “Childhood Trauma: Katrina’s Effect on Children and Families.” At Western Regional Preparedness Conference. July 2008, Las Vegas, Nevada

2008 “Small Victims Big Challenges: Pediatric Disaster Preparedness, Triage, Treatment and

 Recovery. Workshop at Pediatric Academic Societies meeting. May 2008, Honolulu, Hawaii

**Regional Presentations**

2013 “Mental Health Needs of Children in Disasters.” At the Connecticut Emergency Medical Services

 for Children Conference. November 2, 3013. Rocky Hill, Connecticut

2012 “Small Victims, Big Challenges: Pediatric Disaster Triage and Education” and “A Simulated School Bus Crash: Workshop for Pediatric Disaster Triage.” At the Annual CT-EMSC Conference. October 27, 2012. Rocky Hill, Connecticut

2012 “Connecticut School Disaster Tool Kit” At Connecticut School Based Health Care Association Annual Conference. April 27, 2012. New Haven, Connecticut

2012 “Small Victims: Big Challenges: Pediatric Disaster Triage, Treatment and Recovery.” At the Sharon EMS Symposium. March 10, 2012. Lakeville, Connecticut

2011 “Pediatric Disaster Life Support©: Psychosocial Issues of Children and Families in Disasters.”

 At the Pediatric Disaster Life Support Course. June 3, 2011. Danbury, Connecticut

2010 “Abdominal Pain in Children: a Survey By Age, Gender, and Geography.” At the

 Connecticut Emergency Nurse Association Annual Conference. November 4, 2010.

 Rocky Hill, Connecticut

2010 “Don’t Put Me In Coach, I’m NOT Ready To Play: A Pediatric Concussion Update.” At

 the Connecticut Emergency Medical Services for Children Conference. October 23,

 2010. Hartford, Connecticut

2009 "Pediatric Disaster Triage and Scene Assessment: The Prehospital Care Perspective." At Wallingford Fire Training Grounds. December 1, 2009. Wallingford, Connecticut

2009 “Pediatric Disaster Assistance Toolkit: A Half-Day Course in Pediatric Disaster Medicine.”

 June 25, 2009, At Connecticut Hospital Association, Wallingford, Connecticut

**Selected Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated With Yale**

Aviles T, Auerbach M, **Cicero M.** Serious Play: Feedback to Improve and Pediatric Disaster Triage Video Game. At the National Association of EMS Physicians Annual Conference (poster). January 2016. San Diego, CA.

Claudius I, Kaji A, Santillanes G, **Cicero M**, Donofrio J, Gausche-Hill MA, Srinvasan S, Chang T. Comparison of Computerized Patients versus Live Moulaged Actors for a Mass Casualty Disaster Drill. At Society for Academic Emergency Medicine Annual conference (poster). May 13, 2015. San Diego, CA.

O'Dea CL, Lorch S, **Cicero MX**, Newton Buchanan, Roberta L. Hales, Heather M. French. Evaluation of Prioritization Skills in Neonatology Fellowship Trainees. At Pediatric the Pediatric Academic Societies Meeting. April 27, 2015. San Diego, CA.

Cheung V, McCarthy M, **Cicero MX**, Leventhal J, Weitzman C. Interactions Between Emergency Medical Responders and People with Autism Spectrum Disorder (poster). At the Pediatric Academic Societies Meeting. April 27, 2015. San Diego, CA.

Donofrio J, Kaji A, Claudius I, Chang T, Santillanes G, **Cicero M**, Srinivasan S, Gausche-Hill M. Development of a Mass Casualty Triage Algorithm Validation Tool (poster). At Pediatric the Pediatric Academic Societies Meeting. April 26, 2015. San Diego, CA.

**Cicero M,** Walsh B,Solad Y, Whitfill T, Paesano G, Kim K, Baum C, Cone D.Do You See What I See? Insights From Using Google Glass for Disaster Telemedicine Triage. At the National Association of EMS Physicians Annual Conference (poster). January 23, 2015. New Orleans, CA.

**Cicero M,** Brown L, Overly F, Walsh B, Yarzebski J, Shabanova V, Auerbach M, Agarwal A, Baum C. An Evaluation Instrument For Prehospital Pediatric Disaster Triage Simulations. At the Pediatric Academic Societies Meeting (poster). May 2, 2014. Vancouver, British Columbia, Canada.

Whitney R, Lehman-Huskamp K, Gitanjili A, Burke R, Park D, Leung N, **Cicero M.** On Shaky Ground: A Tabletop Simulation for Earthquake Trauma. At Eastern Society for Pediatric Research (poster). March 21, 2014. Philadelphia, Pennsylvania –and- the Pediatric Academic Societies Meeting (poster). May 2, 2014. Vancouver, British Columbia, Canada.

Thornton M, **Cicero M**, McCabe M, Chen L. The Effect of Legislation on the Availability of Automated External Defibrillators Among Connecticut High Schools. At Eastern Society for Pediatric Research (poster). March 23, 2014. Philadelphia, PA.

Thornton M, McCabe M, Chen L, **Cicero M**. Disparities in the Availability of Automated External Defibrillators Among Connecticut High Schools. At Eastern Society for Pediatric Research (poster). March 23, 2014. Philadelphia, Pennsylvania and- the Pediatric Academic Societies Meeting (poster). May 2, 2014. Vancouver, British Columbia, Canada.

Nadeau N, **Cicero M.** Pediatric Disaster Triage System Utilization Across the United States. At The American Academy of Pediatrics National Conference and Exhibition (poster).October 25, 2013. Orlando, FL.

Koziel J, Acker D, Brown L, Meckler G, Torino M, Walsh B, **Cicero M.** The Greatest Challenges to Doing the Greater Good: A Qualitative Investigation of Pediatric Disaster Triage. At The American Academy of Pediatrics National Conference and Exhibition (poster).October 25, 2013. Orlando, FL.

Cross K, **Cicero M**. Head-to-Head Comparison of Pediatric Disaster Triage Methods. the Pediatric Academic Societies' Annual Meeting (poster). May 7, 2013. Washington, DC.

**Cicero M**, Overly F, Brown L, Yarzebski J, Meckler G, Auerbach M, Riera A, Northrup V, Walsh B, Cone D, Baum CR. “Simulated Disasters to Assess the Accuracy of Three Pediatric Disaster Triage Strategies” At Eastern Society for Pediatric Research (platform), March 23, 2013. Philadelphia, PA, The 5th International Pediatric Simulation Symposia and Workshops. April 23-25, 2013. New York, NY. –and- the Pediatric Academic Societies' Annual Meeting (poster). May 7, 2013. Washington, DC.

Cross K, **Cicero M.** “Head-to-Head Comparison of Disaster Triage Methods in Pediatric, Adult and Geriatric Patients” At the National Association of EMS Physicians Annual Conference. January 10, 2013. Bonita Springs, Florida.

**Cicero M**, Koziel J. "Obstacles to Pediatric Disaster Triage Performance: A Qualitative Investigation" At Eastern Society for Pediatric Research (platform), April 1, 2012 Philadelphia, PA –and- The Pediatric Academic Societies’ Annual Meeting (poster), April 29, 2012, Boston MA. –and- The EMSC Grantees Biennial Meeting (platform), May 9, 2012. Bethesda, MD

**Cicero M,** Brown L,Overly F,Riera A, Northrup V, Auerbach M, and Baum C. Creation and Delphi-Method Refinement of Prehospital Pediatric Disaster Triage Simulations. At Eastern Society for Pediatric Research (platform), April 1, 2012 –and- Philadelphia, PA –and- the Pediatric Academic Societies' Annual Meeting (poster). April 29, 2012. Boston MA

**Cicero M**, Cross K. Predictive Value of Initial Glasgow Coma Scale in Pediatric Trauma Patients. At Eastern Society for Pediatric Research (platform), April 1, 2012. Philadelphia, PA –and- the Pediatric Academic Societies' Annual Meeting (poster), May 1, 2012. Boston, MA

Cross K, **Cicero M.** Validation of the Sacco Disaster Triage Method in Pediatric Patients. At Pediatric Academic Societies' Annual Meeting (platform). April 28, 2012. Boston, MA

Brown L**, Cicero M,** Overly F**,** Riera A, Northrup V, Auerbach M, and Baum C. A Simulation-Based Curriculum for Paramedics Improves Pediatric Disaster Triage (PDT) Performance. At Pediatric Academic Societies' Annual Meeting (poster). May 1, 2012. Boston, MA

**Cicero M,** Riera A, Northrup V, Li F, Auerbach M, and Baum C. Validation of a Pediatric Resident Disaster Triage Evaluation Tool. At Pediatric Academic Societies' Annual Meeting (poster).

May 3, 2011. Denver, CO.

**Cicero M,** Riera A, Northrup V, Li F, Auerbach M, and Baum C. Validation of a Pediatric Resident Disaster Triage Evaluation Tool. At Eastern Society for Pediatric Research Meeting (poster), March 26, 2011. Philadelphia, PA

**Cicero M,** Northrup V, Li F, Santucci K. Impact of an Economic Disaster on Access to Child Healthcare and Utilization of the Pediatric Emergency Department. At Pediatric Academic Societies' Annual Meeting (poster). May 1-4, 2010. Vancouver, British Columbia, Canada

 **Cicero M,** Auerbach M, Zigmont J, Ching K, Riera A, Baum C. "Post-Simulation Debriefing Is Crucial to Residents’ Disaster Triage Performance and Patient Outcomes", at the Pediatric Academic Societies' Annual Meeting (poster). May 1, 2010. Vancouver, British Columbia, Canada

Lacoursiere S, **Cicero M,** Chen L. Pediatric Disaster Preparedness Of Emergency Departments:
Is Connecticut Ready? At Children’s Hospital of Los Angeles National Pediatric Trauma and Disaster Services Summit (poster), September 11, 2008. Los Angeles, CA

**Cicero M,** Weibel C, Korngold C, Kahn J. Rhinovirus Epidemiology, Disease Spectrum, and Association with Serious Bacterial Infections in Febrile Young Infants. At Pediatric Academic Societies Meeting (poster), May 3, 2008. Honolulu, HI

**Cicero M,** Weibel C, Korngold C, Kahn J. Rhinovirus Epidemiology, Disease Spectrum, and Association with Serious Bacterial Infections in Febrile Young Infants. At Eastern Society for Pediatric Research Meeting (platform), March 29, 2008. Philadelphia, PA

Martens K, Haydar S, **Cicero M,** Baum C, Paturas J. A novel curriculum in disaster medicine. At 15th World Congress on Disaster and Emergency Medicine (platform). May 13-16, 2007. Amsterdam, The Netherlands.

**Cicero M**, Brown L, Blake E, Guerro M, Baum C. Impact of an educational intervention on residents’ knowledge of pediatric disaster preparedness, response and recovery. At Ambulatory Pediatric Association Region I Meeting (platform). April 13, 2007. Sturbridge, MA

**Cicero M,** Brown L, Blake E, Gallant N, Baum C**.** Impact of an educational intervention on residents’ knowledge of preparedness, response and recovery. At Pediatric Emergency Medicine Fellows’ Conference (platform). February 25, 2007. Miami, FL

Fisher R, **Cicero M**, Tabangin M, Hungerford R. Epidemiology of anemia in children infected with HIV in the era of highly active retroviral therapy. 2003 – 2004. Oral presentation at 2004 CHKD/ EVMS research day (platform). Norfolk, VA

**Professional Service**

***Peer Review Groups/Grant Study Sections:***

2015 Reviewer, Academic Pediatric Association Region I Abstracts

2013 Reviewer, National Association of EMS Physicians Annual Meeting Abstracts

2012 Grant Reviewer, Emergency Medical Services for Children, Healthcare Resources and

 Services Administration

2011 – Present Reviewer, Eastern Society for Pediatric Research Abstracts

2009 – Present Reviewer, Pediatric Academic Societies Meeting Workshop Abstracts

2009 – 2013 Reviewer, Emergi-Quiz Competition, AAP Section of Emergency Medicine

 2007 – Present Reviewer, PEMPix photo contest, AAP Section of Emergency Medicine

***Advisory Boards and Boards of Directors***

2008 – Present. Board Member. Connecticut EMSC Advisory Committee. Emergency Medical Services for

 Children.

***Journal Service:***

2012 – Present Reviewer for: *Academic Pediatrics*, *Critical Care Nurse, Disaster Medicine and Public Health Preparedness*, *International Nursing Review*, *Pediatrics In Review*, *Pediatric Emergency Care*, *Pediatrics, Prehospital Emergency Care*

***Professional Service for Professional Organizations***

2015 – present Member, Academic Pediatrics Association Educational Scholars Program

 Curriculum Committee

2014 – present Regional Co-Chair, Academic Pediatrics Association

2013 – present Council Member, Eastern Society for Pediatric Research

2013 Moderator, International Pediatric Simulation Society Platform Presentations

2013 Moderator, Eastern Society for Pediatric Research Platform Presentations

2012 Annual Meeting Planning Committee, Emergency Medical Services for Children

2010 Lead Author, CT-EMSC Emergency Departments Approved for Pediatrics Guidelines

2009 Lead Author, CT-EMSC Pediatric Decontamination Protocol

**Yale University Service:**

**At Yale University School of Medicine**

2015 – Present Diversity Representative, Faculty Search Committee

2013 Reviewer, Physician Associate Student Thesis

2012 – 2014 Co-Chair, Pediatrics Resident Research Committee

2008 - Present Pediatric Intern Selection Committee

**At Yale-New Haven Hospital:**

 2011 – 2013 Credentials Committee

 2005 – 2011 Pediatric Ethics Committee

1. – Present Disaster Preparedness Committee

**Public Service:**

2012 - 2015 Vestry, St. Thomas’s Episcopal Church, New Haven, Connecticut

2012 - 2015 Board of Managers, St. Thomas’s Day School, New Haven, Connecticut

**Bibliography:**

**Peer-Reviewed Original Research**

1. Claudius I, Kaji AH, Santillanes G, **Cicero MX**, Donofrio JJ, Gausche-Hill M, Srinivasan S, Chang TP. [Accuracy, Efficiency, and Inappropriate Actions Using JumpSTART Triage in MCI Simulations.](http://www.ncbi.nlm.nih.gov/pubmed/26323610) Prehosp Disaster Med. 2015 Sep 1:1-4. PMID: 26323610

2. Claudius I, Kaji A, Santillanes G, **Cicero M**, Donofrio JJ, Gausche-Hill M, Srinivasan S, Chang TP. [Comparison of Computerized Patients versus Live Moulaged Actors for a Mass-casualty Drill.](http://www.ncbi.nlm.nih.gov/pubmed/26265451) Prehosp Disaster Med. 2015 Aug 12:1-5. PMID: 26265451

3. **Cicero MX**, Walsh B, Solad Y, Whitfill T, Paesano G, Kim K, MD, Baum C, Cone D. Do You See What I See? Insights From Using Google Glass for Disaster Telemedicine Triage. Prehospital Emergency Care.Prehosp Disaster Med. 2015 Jan 9:1-5. PMID: 25571779*.*

4. Koziel J, Meckler G, Brown L, Acker D, Torino M, Walsh B, **Cicero MX**. Barriers to Pediatric Disaster Triage: A Qualitative Investigation. Prehospital Emergency Care. Oct 28, 2014. PMID: 25349899

5. Cross K, Petry M, **Cicero M**. A Better START for Low-Acuity Victims:Data-driven Refinement of Mass Casualty Triage. Prehospital Emergency Care. Aug 25, 2014. PMID: 25153986***.***

6. **Cicero M**, Brown L, Overly F, Yarzebski J, Meckler G, Fuchs S, Tomassoni A, Aghababian R, Chung S, Garrett A, Fagbuyi D, Adelgais K, Goldman R, Parker J, Auerbach M, Riera A, Cone D, Baum C. *Creation and Delphi-Method Refinement of Pediatric Disaster Triage Simulations*. Prehospital Emergency Care. 2014 Jan 8. PMID: 24401167

7. Chung S, Fagbuyi D, Lozon M, Johnson T, Nager A, **Cicero M**, Dahl-Grove D, Costello B, Krug S. *Going Viral: Adapting to Pediatric Surge during the H1N1 Pandemic.*Pediatr Emerg Care. 2013 Nov;29(11):1159-65. PMID: 24168878

8. Cross K, **Cicero M.** *Head-to-Head Comparison of Disaster Triage Methods in Pediatric, Adult, and Geriatric*

 *Patients.* Annals of Emergency Medicine. 2013 Jun;61(6):668-676. PMID: 23465555*.*

9. **Cicero M,** Riera A, Northrup V, Auerbach M, Pearson K, Baum C. Design, *Validity, and Reliability of a Pediatric Resident JumpSTART Disaster Triage Scoring Instrument*. Academic Pediatrics. 2013 Jan-Feb;13(1):48-54. PMID: 23153602

10.  **Cicero M,** Cross K*. Predictive Value of Initial Glasgow Coma Score in Pediatric Trauma Patients.*

Pediatric Emergency Care. 2013 Jan;29(1):43-8. PMID: 23283262

 11. Cross K, **Cicero M.** *Independent Application of the Sacco Triage Method to Pediatric*

 *Trauma Patients*. Prehospital and Disaster Medicine. 2012 Aug;27(4):306-11. Epub 2012 Jul 5.

 PMID: 22874578*.*

 12. **Cicero M**, Auerbach M, Zigmont J, Riera A, Ching K, Baum C. *Simulation Training with*

 *Structured Debriefing Improves Residents' Pediatric Disaster Triage Performance.* Prehospital

 and Disaster Medicine. 2012 Jun;27(3):239-44. PMID: 22691308

13. **Cicero M,** Northrup V, Li F, Santucci K. *A Recession's Impact on Pediatric Emergency Patients'*

 *Household Spending and Attitudes about Healthcare Reform.* Connecticut Medicine. 2011 Jan;75(1):37-

 42. PMID: 21329291

14. **Cicero M,** Blake E, Gallant N, Chen L, Guerrero M, Baum C. *Impact of an Educational*

 *Intervention on Residents' Knowledge of Pediatric Disaster Medicine.* Pediatric Emergency

 Care. 2009 Jul;25(7):447-51. PMID: 19564807

**Chapters, Books, and Reviews**

15. **Cicero M,** Weiner D. Disaster and Multiple Casualty Incident (MCI) Simulation. In: Cheng A. and Grant V. eds. *The Comprehensive Textbook of Healthcare Simulation: Pediatric Edition*. *In press.*

16. **Cicero M**, Curi M, Mercurio M. *Physician Interactions With the Pharmaceutical Industry.*

 Pediatrics In Review. 2012 Jan;32(1):e1-3. PMID: 21196498

17. **Cicero M.** Musculoskeletal Disorders in Children. In: Cline D, Ma O, Cydulka R, et al eds. *Tintinalli’s Emergency Medicine Manual.* McGraw Hill; 2012:

18. **Cicero M.** Scaphoid Fracture. In: Hoffman R, Wang V, Scarfone R eds. *Fleischer and Ludwig’s 5-Minute Pediatric Emergency Medicine.* Wolters Kluwer | Lippincott Williams & Wilkins. 2011:

19. **Cicero M.** Globe Rupture. In: Hoffman R, Wang V, Scarfone R eds. *Fleischer and Ludwig’s 5-Minute Pediatric Emergency Medicine.* Wolters Kluwer | Lippincott Williams & Wilkins. 2011:

20. **Cicero M.** Chemical Burns. In: Hoffman R, Wang V, Scarfone R eds. *Fleischer and Ludwig’s 5-Minute Pediatric Emergency Medicine.* Wolters Kluwer | Lippincott Williams & Wilkins. 2011:

21. **Cicero M,** Baum C. *Pediatric Disaster Preparedness: Best Planning for the Worst-Case Scenario*.

 Pediatric Emergency Care. 2008 Jul;24(7):478-81; quiz 482-4. Review. PMID: 18633312

**Peer-Reviewed Educational Materials**

22. **Cicero M,** Overly F, Brown L, Yarzebski J, Auerbach M, Riera A, Cone D, Baum C. *Small Victims, Big Challenges: Pediatric Disaster Triage in the Prehospital Setting.* Available from the Emergency Medical Services for Children National Resource Center. Approved for Continuing Medical Education Credits by The Indian Health Service.

**Case Reports, Technical Notes, Letters**

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