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Signature

KATHLEEN MEERT, MD, FCCM

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EDUCATION

Wayne State University, Detroit, MI 6/80 B.S. Degree with High Distinction (Biophysics)
Wayne State University, Detroit, MI 6/84 M.D. Degree

POSTGRADUATE TRAINING

Detroit Medical Center, Detroit, MI
7/84-6/87 Pediatric Residency
7/87-6/89 Pediatric Critical Care Medicine Fellowship

FACULTY APPOINTMENTS

Wayne State University School of Medicine, Detroit, MI
7/89-7/96 Assistant Professor, Pediatrics (Clinician-Educator)
7/96-7/02 Associate Professor, Pediatrics (Clinician-Educator)
7/02-4/09 Professor, Pediatrics (Clinician-Educator)
4/05-2016 Affiliate Faculty Member, Prevention Research Center
2/06-present Scientific Member, Population Studies and Prevention Program, Karmanos
Cancer Institute
4/09-4/2020 Professor, Pediatrics (Research-Educator with Tenure)

Central Michigan University, Mt. Pleasant, MI
1/2020- present Professor, Pediatrics
1/2020-present Chairman, Discipline of Pediatrics

HOSPITAL APPOINTMENTS

Children's Hospital of Michigan, Detroit, MI
7/89-present Staff Attending, Pediatric Critical Care
3/12-1/2020 Chief, Division of Pediatric Critical Care Medicine
2/2020-present Specialist-in-Chief, Pediatrics, Detroit Medical Center

MAJOR PROFESSIONAL SOCIETIES

Society of Critical Care Medicine
American College of Critical Care Medicine
Midwest Society for Pediatric Research
Society for Pediatric Research
American Pediatric Society
Association of Medical School Pediatric Department Chairs

MEDICAL LICENSURE

1984 Michigan Medical License (#405269)

BOARD CERTIFICATION

1985 National Board of Medical Examiners
1988 American Board of Pediatrics
1990 American Board of Pediatrics, Sub-Board on Critical Care Medicine
1996 American Board of Pediatrics, Recertification in General Pediatrics
1997 American Board of Pediatrics, Recertification in Critical Care Medicine
2003 American Board of Pediatrics, Recertification in Critical Care Medicine
2005 American Board of Pediatrics, Recertification in General Pediatrics
2010 Basic Life Support for Healthcare Providers
2010 Pediatric Advanced Life Support Course
2012 Pediatric Advanced Life Support Course
2014 Board of Pediatrics, Recertification in Critical Care Medicine (#272, expires 2024)
2014 Board of Pediatrics, Recertification in General Pediatrics (#37955, expires 2024)
2015 Basic Life Support for Healthcare Providers
2015 Pediatric Advanced Life Support Course
2025 Board of Pediatrics, Recertification in General Pediatrics (#37955)
2025 Board of Pediatrics, Recertification in Critical Care Medicine (#272)

HONORS AND AWARDS

1976-1980 Wayne State University Merit Scholarship
1979 Phi Beta Kappa Honor Society
1987 Children's Hospital of Michigan Sanford Cohen Award for outstanding service during pediatric residency
1989 Children's Hospital of Michigan Evergreen Award for investigative pursuits
1993 Clinical Research Award, American Academy of Pediatrics, Critical Care Section
1995 Clinical Research Award American Academy of Pediatrics, Critical Care Section (Served as faculty mentor for fellow trainee).
1996 Best Research Poster Award, Clinic Days, Children's Hospital of Michigan
2001 Wayne State University College Teaching Award
2003 Women of Wayne Recognition Award
2004 Research Citation, Society of Critical Care Medicine 33rd Critical Care Congress

2005 Fellowship, American College of Critical Care Medicine
 2005 Best Doctors in America 2005-2006
 2005 Wayne State University College Teaching Award
 2005 Membership, American Pediatric Society
 2007 Best Doctors in America 2007-2008
 2008 Top Docs - Detroit Hour magazine
 2009 Top Docs - Detroit Hour magazine
 2009 Best Doctors in America 2009-2010
 2011 Best Doctors in America 2011
 2010 Top Docs - Detroit Hour magazine
 2011 Detroit Super Doctors (The Detroit News and Detroit Free Press websites)
 2011 Top Docs - Detroit Hour magazine
 2012 Best Doctors in America 2012
 2013 Top Docs - Detroit Hour magazine
 2013 Best Doctors in America 2013-2014
 2014 Detroit Super Doctors (The Detroit News and Detroit Free Press websites)
 2014 Society of Critical Care Medicine Ethics Specialty Award (for excellence in critical care ethics research)
 2014 Top Docs - Detroit Hour magazine
 2015 Best Doctors in America 2015-2016
 2015 Top Docs - Detroit Hour magazine
 2016 Top Docs – Detroit Hour magazine
 2017 Children’s Hospital of Michigan Alumni Association Distinguished Alumni Award
 2017
 2017 Best Doctors in America 2017-2018
 2017 Top Docs – Detroit Hour magazine
 2018 Top Docs – Detroit Hour magazine
 2019 Society of Critical Care Medicine Star Research Achievement Award
 2019 Top Docs – Detroit Hour magazine
 2019 Best Doctors in America 2019-2020
 2019 Wayne State University College Teaching Award
 2020 Fellow, Central Michigan University Academy of Medical Educators
 2020 Top Docs – Detroit Hour magazine
 2020 Schotanus Family Endowed Chair of Pediatrics
 2021 Top Docs – Detroit Hour magazine
 2022 Society of Critical Care Medicine Bronze Research Snapshot Award for Excellence in Critical Care Research
 2022 Society of Critical Care Medicine Star Research Achievement Award
 2022 Society of Critical Care Medicine Vidyasagar Award for professional prominence as a result of personal character, leadership, clinical practice, and contributions to research, education, program development, and advocacy for pediatric critical care medicine.
 2022 Top Docs – Detroit Hour magazine

SERVICE

Wayne State University

1996-1997	Vice Chairman, Pediatric Institutional Review Board, Wayne State University
1997-2000	Chairman, Pediatric Institutional Review Board, Wayne State University
1996-2000	Human Institutional Review Board Steering Committee, Wayne State University
1998-2008	Medical Student Education Committee, Dept. of Pediatrics, Wayne State University
2007	Founding member of the WSU Center to Advance Palliative Care Excellence (WSU CAPE). CAPE is a network of researchers, educators and clinicians from various academic departments at WSU and health and hospice organizations within the Michigan. The group worked collaboratively to teach a graduate level course titled "End-of-Life Issues," and conduct research, and produce educational materials.
2007-2014	Department of Pediatrics Promotion and Tenure Committee
2007-2014	WSU School of Medicine Research Committee
2010	WSU University Promotion and Tenure Committee
2012	WSU University Promotion and Tenure Committee
2013-2014	President-elect, WSU School of Medicine Executive Committee of the Faculty Senate
2013-2014	Committee to select WSU SOM Outstanding Research Achievement Award
2014-2015	WSU School of Medicine Strategic Plan Committee; member
2014-2015	Search Committee for WSU/CHM Neonatal & Perinatal Medicine Division Chief
2014-2017	President, WSU School of Medicine Executive Committee of the Faculty Senate (This is the WSU School of Medicine Promotion and Tenure Committee, and Selective Salary Review Committee)
2016-2017	WSU School of Medicine Executive Committee Factors and Guidelines Subcommittee (to revise and update WSU SOM promotion and tenure factors and guidelines).
2018	WSU University Promotion and Tenure Committee
2019	WSU University Promotion and Tenure Committee

Central Michigan University

2020-present	Board member, Central Michigan University Academy of Medical Educators
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University Pediatricians

2007-2009	University Pediatricians Advisory Board
2017-2019	University Pediatricians Board Member
2020-present	President, University Pediatricians

Children's Hospital of Michigan

1. Patient Care – Attending Physician for Pediatric Intensive Care Unit at Children's Hospital of Michigan since 7/89.

2. Committees

1991-2005	Nutritional Support Committee, Children's Hospital of Michigan
1991-1992	Infection Control Committee, Children's Hospital of Michigan
1992-1994	Child Protection Team, Children's Hospital of Michigan
1992-1994	Institutional Review Board, Children's Hospital of Michigan
1994-1995	Vice Chairman, Institutional Review Board, Children's Hospital of Michigan
1994-1997	Research Committee, Children's Hospital of Michigan
1999-2001	Children's Research Center of Michigan Research Grant Committee
2001-2012	Blood and Blood Components Committee, Children's Hospital of Michigan
2001-2007	Trauma Committee, Children's Hospital of Michigan
2001-2009	Pediatric Resident Research Committee, Children's Hospital of Michigan
2005-2007	Head Injury Team, Children's Hospital of Michigan
2005-2012	Children's Hospital of Michigan Sedation Committee
2006-present	Critical Care Medicine Scholarly Oversight Committee
2009-2013	Children's Hospital of Michigan Family Centered Care Research Committee
2012-2013	CHM Foundation (Fund Raising, Award & Grant Committee)
2019	CHM Cardiology Division Chief Search Committee
2019	CHM Organ Donation after Cardiac Death Committee
2019-2020	CHM Extracorporeal Life Support (ECLS) Committee
2020-present	CHM Board of Trustees
2020-present	Medical Staff Operations Committee

Professional Service

1994-1995	Project Impact - Society of Critical Care Medicine Committee for the development of a national ICU database. Served in the development of the database intended for research and patient care.
2010-present	Pediatric Critical Care Scientist Development program K12 National Advisory Committee (NICHD). This committee interviews and selects scholars for the program and conducts site visits for successful scholars.

2010-2014	Data Safety Monitoring Board Committee Member for the project “Improving Family Outcomes with a Communication Intervention in the Pediatric Intensive Care Unit.” PI: R. Hays, University of Washington, Seattle, WA, NINR, 5R01NR011179-02, Project Period: 9/29/09–6/30/14
2010-2012	Data Safety Monitoring Board Committee Member for the project “Comparison of the Effectiveness of CAM therapies in pediatric patients undergoing procedural sedation.” PI: A. Mathur, Wayne State University, Detroit, MI, National Center for Complementary and Alternative Medicine, 1RC1AT005699-01, Project Period 9/30/09-9/29/11
2014-present	Data Safety Monitoring Board Committee Member for the project “Phase 1-2 Study of Aerosolized Survanta for the Treatment of Neonatal Respiratory Distress Syndrome” PI: Sood, Wayne State University, Detroit, MI, NIH 1R01FD004793
2014-2017	Study Outcome Adjudication Committee for the project “Fluid Therapy and Cerebral Injury in Pediatric Diabetic Ketoacidosis.” (U01HD062417; PI: Kupperman); Role: member of 3 person committee to adjudicate outcomes for this multicenter clinical trial conducted by the Pediatric Emergency Care Applied Research Network.
2017	Promotion and Tenure reviewer for Northwestern University Feinberg School of Medicine.
2018	Promotion and Tenure reviewer for University of Pittsburgh School of Medicine.
2019	Promotion and Tenure reviewer for University of Colorado School of Medicine.
2019	Promotion and Tenure reviewer for University of Maryland.
2019	Promotion and Tenure reviewer for University of Johns Hopkins School of Medicine.
2019	Promotion and Tenure reviewer for University of Alabama.
2022	Promotion and Tenure reviewer for Duke University.

2024	Promotion and Tenure reviewer for University of Utah.
2025	Promotion and Tenure reviewer for Vanderbilt University

Community Service

1999- Medical Mission Physician Volunteer for Operation Smile - Served as pediatric intensivist for a 2 week volunteer position at the Stomatologic Institute in Moscow, Russia, 3/1999. Dr. Meert was responsible for pre-operative screening and evaluation of potential patients, and post-operative care. Approximately 200 children underwent corrective surgical procedures during this mission.

Consulting Service

2015 - Cincinnati Children's Hospital Foundation – Review of Cincinnati Children's Hospital Critical Care Medicine program and research portfolio (2/15).

Scholarly Service

1. Editorial Activity

1998-2012: Editor for the Internet Pediatric Critical Care Medicine Evidenced-Based Journal Club (http://pedscm.wustl.edu/EBJournal_club.html). The goals of this publication are: (1) To bring important publications of clinical trials to the attention of the pediatric critical care medicine community, (2) To provide critical appraisals of such trials in a systematic fashion, and (3) To teach an evidenced based approach to the medical literature and the care of patients. Responsible for selection of clinical trials to undergo review, mentoring critical care medicine trainees in U.S. and internationally in completing systematic journal reviews, and editing reviews.

2003-2009: Assistant Editor for *Synopsis: A Current Survey of World Literature in Pediatrics*. This journal provides pediatricians and pediatric specialists with an edited compilation of recently published articles. Responsible for selection of clinical trials to undergo review, mentoring trainees from Children's Hospital of Michigan in completing systematic reviews, and editing reviews.

2015-2019: Associate Editor for *Progress in Pediatric Cardiology* Cardiac Intensive Care section; Elsevier Publishing.

2017: Guest Editor for *Pediatric Clinics of North America* Pediatric Critical Care Medicine. Elsevier Publishing.

2. Journal Reviewer

Reviewer of manuscripts submitted to the Journal of Pediatrics, Pediatrics, Critical Care Medicine, Pediatric Critical Care Medicine, Journal of American Medical Association, Journal of Critical Illness, Acta Paediatrica, Journal of Healthcare Engineering, Journal of Pain and Symptom Management, Journal of Palliative Care, Journal of Palliative Medicine, Palliative Medicine, Illness, Crisis and Loss, Progress in Pediatric Cardiology and several

other journals.

3. Abstract Reviewer

Reviewer for abstracts for the Annual Education and Research Meeting of the Society of Critical Care Medicine (1998-2002).

Reviewer for Sheldon Brenner Resident research abstracts and presentations (2013, 2015-2017, 2019, 2024)

Reviewer for Wolf Zuelzer Fellow research abstracts and presentations (2013, 2015-2017, 2019, 2024)

Wayne State University/Michigan State University Pediatric Research Day Abstract Reviewer and Poster Judge 3/2017.

Wayne State University/Michigan State University Pediatric Research Day Abstract Reviewer and Poster Judge 3/2018.

Wayne State University/Michigan State University Pediatric Research Day Abstract Reviewer and Poster Judge 3/2019.

Central Michigan University Medical School 7th Annual Medical Student Research Forum Oral Presentation Judge

4. Grant Reviewer

2002: Reviewer for National Institutes of Health, National Center for Medical Rehabilitation Research at NICHD, Special Emphasis Panel RFA HD-01-007 "Cooperative Multicenter Traumatic Brain Injury Clinical Trials Network" (4/02, 11/02).

2008-2012: Reviewer for National Institutes of Health, National Institute of Child Health and Human Development Scientific Review Group Pediatrics Subcommittee CHHD-A (SRA Dr. Rita Anand). Dr. Meert was a full member of the committee.

2010-present: National Institutes of Health, National Institute of Child Health and Human Development Pediatric Critical Care and Trauma Scientist Development Program (K12). Dr. Meert is a full member of this committee. Dr. Meert reviews grants, interviews candidates, performs site visits for awarded scholars and attends yearly K12 retreat with scholars.

2010: Reviewer for National Institutes of Health, National Institute of Child Health and Human Development Special Emphasis Panel ZGM1 PPBC-5(CT) (SRA Dr. Brian Pike).

2012-present: Reviewer for Ashok and Ingrid Sarnaik Endowment for Resident and Fellow Research at Children's Hospital of Michigan.

2012-2014: Reviewer for WSU Dept. of Pediatrics Junior Faculty Research Grant Committee.

2014: Reviewer for National Institutes of Health Scientific Review Group: ZRG1 SBIB-V 55 R, Small Business PAR Panel: Safe and Effective Instruments and Devices for Use in Neonatal and Pediatric Care Settings. 3/26/14, SRA Dr. John Firrell.

2017-present: Administrative oversight of program and grant reviewer for Sarnaik Junior Faculty Research Grant Program in the Department of Pediatrics, WSU.

2025: Reviewer for National Institutes of Health Special Emphasis Panel Respiratory, cardiac and Circulatory Sciences ZRG1RCCS-C(95). 8/1/25 SRA Dr. Rupali Das.

5. Moderator for professional Meetings

1998: Moderator for Poster Rounds (Burns/Trauma section) at the 27th Society of Critical Care Medicine Educational and Scientific Symposium, San Antonio, TX, 2/98.

TEACHING

Teaching at Wayne State University

1. Thirty years, Wayne State University School of Medicine, Detroit, Michigan (1989-2020)
2. Attending for Medical Student Rounds 1989-1995
3. Medical Student Education Committee - participation in curriculum development for third year medical student pediatric rotation and medical student evaluation; grader for medical student history and physicals; proctor for medical student OSCE examinations (1998-2008)
4. Course Instructor for Wayne State University Interdisciplinary Studies Program (course 7510) "End-of-Life Issues" (2002-2008)
5. Leader in Dept. of pediatrics for WSU 4th Year Medical Student Ethics Elective (2017-2019)

Teaching at Children's Hospital of Michigan

1. Co-Director of Critical Care Medicine Fellowship Program - 1995-1996
2. Director of Critical Care Medicine Fellowship Program - 1996-1998
3. Program advisor and abstract reviewer for Children's Research Center of Michigan Resident & Fellow Research Program 2012-2020

Mentorship

1. Mentor for critical care medicine fellows reviewing articles for the Pediatric Critical Care Medicine Evidence-Based Journal Club (1998-2006). Reviews available at http://pedscem.wustl.edu/EBJournal_club.html.

2. Mentor for Kelly Michelson, MD, Children's Memorial Hospital, Chicago, IL, NICHD, K23HD054441 "Developing a Pediatric Advance Care Planning Worksheet." Project Period: 2/5/07-1/31/12.
3. Mentor for Markita Suttle, MD, Nationwide Children's Hospital, Columbus, OH, for project titled "Parent-Provider Alliance in Pediatric Intensive Care." 2016-2022.
4. Mentor for Jonna Clark, MD, Seattle Children's Hospital, Seattle, WA, for project titled "Life after LAPSE: An Exploratory Qualitative Analysis of the Lived Experiences and Morbidities for Children Surviving Severe Sepsis." 2016-2020.
5. Mentor for Mohammed Najaar, MD for APEX Teaching Program 2016.
6. Mentor for Katherine Cashen, DO, Wayne State University, Detroit, MI, for project titled, Bleeding and Thrombosis During ECMO –Secondary Analyses, 2016-2019.
7. Mentor for Year II WSU student Matthew Ashbrook for research project titled, Clinical Characteristics and Course of Human Metapneumovirus in Critically Ill Infants and Children: A Multisite Study in Michigan (2016-2019).
8. Mentor for Nina Laudato, MD, CHM Critical Care Medicine Fellow for project titled, Informational Needs of Parents in PICU (2016-2019).
9. Advisor for Pediatric Resident Dr. Razan Daffalla (2016-2017)
10. Mentor for Alexandra Murphy, PhD, Psychologist from Seattle Children's Hospital on project titled "Psychosocial Determinants of Caregiver and Family Outcomes after Severe Sepsis in Children" (2017-2020).
11. Mentor for Lauren Yagiela MD, on project "PICU Parent-to-Parent: Identifying and Supporting At-Risk Parents during a PICU admission." Dr. Yagiela received a NICHD K12 Career Development Award for this project (K12HD047349) (2020-2022).
12. Mentor for Lauren Yagiela MD, on project "Building and testing feasibility of EMPOWER, a skill-based psychosocial intervention for parents of critically ill children." Dr. Yagiela received a NICHD K23 Career Development Award for this project (K23HD108319) (2023-2026)
13. Guardians Mentorship Program: Dr. Meert is a faculty mentor for this national pediatric critical care mentoring program for junior faculty (2019-2022).
14. Mentor for Andrew Prout MD, on secondary analyses of data from the Life after Pediatric Sepsis Evaluation (LAPSE) study (2020-2023)
15. Mentor for Andrew Prout MD, on project "Depletion of Commensal Anaerobes and Immune Paralysis in Infants after Cardiopulmonary Bypass" Dr. Prout received a NICHD K12 Career Development Award for this project (K12HD047349) (2024-2026).
16. Critical Care Medicine Fellows mentored (1989-2017): 1. Richard Hackbarth, 2. Bassam Gebbara, 3. Nabil Hassan, 4. Beth Abella, 5. Andreas Theodorou, 6. Michael Pappas, 7. Okechukwe Anene, 8. Rashed Hasan, 9. Herbert Uy, 10. Maria Asi-Bautista, 11. Alina Witkowski, 12. Meena Kalyanaraman, 13. Mahmood Khichi, 14. Girish Deshpande, 15. Varsha Gharpure, 16. Praveen Ballabh, 17. Kshama Daphtary, 18. Srivaths Poyapakkam, 19. Jeff Clark, 20. Michael Fiore, 21. Sujatha Kannan, 22. Ishmael Burney, 23. Mahesh Sharma, 24. Judith Ugale, 25. Alex Santos, 26. Sonale Mehta, 27. Marvin Mata, 28. Anne-Marie Yered, 29. O. Elsabagh, 30. Michael Stargardt, 31. Penelope Sandifer, 32. Kevin Valentine, 33. Sarah Elhadi, 34. Latasha McCaulley, 35.

Kurt Piggott, 36. Angela Mata, 37. Hitish Sandhu, 38. Rekha Solomon, 39. Suwannee Phmeethan, 40. Thiyagu Ganesan, 41. Monika Chauhan, 42. Keshava Gowda. 43. Elizabeth Rosner, 44. Elizabeth Prentice, 45. Robin McKinney, 46. Viswanath Gajula, 47. Saurabh Chiwane, 48. Taemyn Hollis, 49. Gwendolyn (Nicole) Sinclair. 50. Mario Colletti, 51. Rahul Raman, 52. David Langford, 53. Yamini Kapileshwarkar, 54. Nina Laudato, 55. Jui Shah, 56. Raya Alshawi, 57. Ji-Yeon Kim, 58. Amarilis Cornejo Martin, 59. Jordan Schneider, 60. Ahmed Aly, 61. Yu-Shan Tseng, 62. Razan Daffalla, 62. Yasir Khan, 63. Mohammad Khan.

Dissertation Committees

1. Dissertation Committee member and mentor for Andrea Kline: Division of Nursing Sciences, Rush University College of Nursing. Title of dissertation project “An Exploration of the Impact of Body Mass Index During Critical Illness.” 2016

Course Development

1. Research Design and Statistics Course for Critical Care Medicine Fellows, Children's Hospital of Michigan; 1989-1996, 1998-2003, 2008-2010
2. Resident Journal Club, Children's Hospital of Michigan; 1989-1996
3. Pediatric Critical Care Medicine Fellowship Board Review Course, Children's Hospital of Michigan; 1993–1998; 2005-2006
4. Evidence Based Medicine Journal Club for Critical Care Medicine Fellows; 1998-2014
5. Evidence Based Medicine Journal Club for Pediatric Residents; 2001-2003
6. Statistics & Research Design course for critical care fellows – weekly multiple choice question and critique (2017 – 2020).

Educational Materials

1. Thurston CS, Meert KL. Telling Bad News: The First Step in Healing. An educational video for health care professionals. Children’s Hospital of Michigan and HKO Media, Film Ideas, Inc., 2004.
2. Meert K, DelSignore L, Burns JP. Parental Bereavement in the PICU: Lessons Learned for Clinicians. 11/2016. Online Video. OPENPediatrics.
<https://learn.openpediatrics.org/learn/course/internal/view/elearning/3216/parental-bereavement-in-the-picu-lessons-learned-for-clinicians>

GRANTS, CONTRACTS, AND OTHER FUNDING

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| 2024-2029 | NIH/National Institute of Neurologic Disorders and Stroke: R01NS135628 P-ICECAP Extended. PI: S. Suskauer. Dr. Meert is co-investigator. |
| 2023-2028 | NIH/ National Institute of Child Health and Human Development: R01HD110921 Pediatric Sepsis Induced MODS: Relationship of Immune Phenotypes and |

Antibiotic Exposures (PRESCRIBE). PI: K. Downes. Dr. Meert is site-investigator.

2021-2026 **NIH/National Institute of Child Health and Development: RL1HD107773 Collaborative Pediatric Critical Care Research Network. PI: K. Meert, MD.**

2021-2028 NIH/ National Heart Lung Blood Institute: 1UG3HL159134-01 ½ Pediatric Influence of Cooling duration on Efficacy in Cardiac Arrest Patients (P-ICECAP). PI: F. Moler, MD. Dr. Meert is Co-investigator.

2021-2024 NIH/National Institute of Child Health and Human Development: R61HD105610 and R33HD105610 Salivary Predictors Integrating Salivary Transcriptomics and Proteomics with Multi Neural Network Intelligence in SARS-COV2 Infection in Children (SPITS MISC). PI: U. Sethuraman, MD. Dr. Meert is Co-investigator.

2014-2020 **NIH/National Institute of Child Health and Development: UG1HD050096 Collaborative Pediatric Critical Care Research Network. PI: K. Meert, MD,**

2009-2018 NIH/National Heart Lung Blood Institute: U01HL094345 Therapeutic Hypothermia after Pediatric Cardiac Arrest (THAPCA) Trials. PI: F. Moler, MD; Data Coordinating Center PI: JM Dean, MD. Dr. Meert is a co-investigator.

2013-2018 NIH/National Institute of Child Health and Human Development: R01HD073362 Life after Pediatric Sepsis Evaluation (LAPSE). PI: J. Zimmerman; Seattle Children’s Hospital. Dr. Meert is site-investigator.

2016-2021 NIH/National Heart Lung Blood Institute: R01HL131544 Improving Outcomes After Pediatric Cardiac Arrest. PI: R. Sutton; Children’s Hospital of Philadelphia. Dr. Meert is a site investigator

2014-2019 NIH/National Heart Lung Blood Institute: R01HL124103 The Microbiome, Virome and Host Responses Preceding Ventilator-Associated Pneumonia. PI: P. Mourani, Children’s hospital of Denver. Dr. Meert is a site-investigator

2011-2018 NIH R01GM094203 GM-CSF For Immunomodulation Following Trauma (GIFT) Trial. PI: M. Hall; Nationwide Children’s Hospital. Dr. Meert is a site-investigator.

2014-2016 American Association of Critical Care Nursing: Testing Feeding Tube Placement in Infants. PI: Norma Metheny; St. Louis University. Funded \$50,000; Dr. Meert is co-investigator.

2012-2017 NIH/ National Heart Lung Blood Institute: R01HL112745 Impact of Hypothermia on Midazolam/Morphine Pharmacokinetics. PI: A Zuppa, MD; Children’s Hospital of Philadelphia. Dr. Meert is site-investigator.

2012-2014 NIH/National Institute of Child Health and Human Development: R21HD061870 Translating an Adult Ventilator Computer Protocol to Pediatric Critical Care. PI: C Newth, MD, and K Sward, PhD; Children’s Hospital Los Angeles. Dr. Meert is site-investigator.

2009-2014 **NIH/National Institute of Child Health and Development: U10HD050096 Collaborative Pediatric Critical Care Research Network. PI: K. Meert, MD,**

2008-2010 NIH/National Institute of Child Health and Development: R03 HD048487-01A2 Spiritual Needs of Bereaved Parents. PI: K. Meert, MD.

2005-2009 NIH/National Institute of Mental Health: 1R01MH076488-01 Bereavement and

- psychosocial needs among children orphaned by AIDS in China. PI: Xiaoming Li, PhD, (Funded \$1,320,000). Dr. Meert is co-investigator.
- 2005-2009 **NIH/National Institute of Child Health and Development: U10 HD050096 Collaborative Pediatric Critical Care Research Network. PI: K. Meert, MD.**
- 2005-2010 DHHS National Vaccine Program: Critical Pertussis in US Children: Severe Morbidity, Sequelae, and Mortality. PI: C. Nicholson, MD. Dr. Meert is site-investigator.
- 2006-2008 Spiritual Needs of Bereaved Parents: Children's Research Center of Michigan. PI: K. Meert, MD.
- 2003-2005 National Institutes of Child Health and Development: Hypothermia for Pediatric Cardiac Arrest Planning Grant. (PI: Frank Moler, MD, University of Michigan, Ann Arbor). Dr. Meert is site-investigator.
- 2003-2005 Canadian Institute of Health Research: Transfusion Requirements in Pediatric Intensive Care Units-Canadian Clinical Trials Group. (PI: Jacques LaCroix, MD, St. Justine Hospital, Montreal). Dr. Meert is site-investigator.
- 2003-2005 Ronald McDonald Children's Charities: Pediatric Acute Lung Injury and Sepsis (PALISI) Investigators' Network. (PI: Adrienne Randolph, MD, Children's Hospital Boston). Dr. Meert is site-investigator.
- 2002-2003 Women of Wayne Alumni Association: Meeting parental Needs While Providing End-of-Life Care in the Pediatric Intensive Care Unit. PI: K. Meert.
- 2002-2003 Sarnaik Resident Research Award (Served as faculty mentor for resident Mahesh Sharma). Parent's End of Life Decision Making for Children: A Qualitative Study.
- 2001-2002 Children's Research Center of Michigan Grant: Intensive Caring and Parental Bereavement Outcome. PI: K. Meert, MD
- 2000-2003 Blue Cross Blue Shield of Michigan Health Foundation Grant: Enteral Nutrition for Critically Ill Children: The Use of Gastric vs Small Bowel Feeds. PI: K. Meert, MD.
- 1999-2001 Sarnaik Resident Research Award (Served as faculty mentor for resident Sujatha Kannan): Bleeding and Coagulopathy in Children and Adolescents Undergoing Spinal Surgery.
- 1999-2001 Ronald McDonald Children's Charities: Pediatric Acute Lung Injury and Sepsis (PALISI) Investigators' Network. (PI: Adrienne Randolph, MD, Children's Hospital Boston). Dr. Meert is site-investigator.
- 1997-1999 Children's Research Center of Michigan Grant: Use of Cisapride or Erythromycin for Feeding Tube Placement. PI: K. Meert, MD.
- 1995-1998 Children's Hospital of Michigan Research Grant: Mechanisms of Altered Cellular Immunity after Injury. PI: K. Meert, MD.
- 1992-1994 ICN Pharmaceuticals Grant: Efficacy of Ribavirin during Mechanical Ventilation: PI: K. Meert.
- 1991 Wayne State University Supplemental Research Equipment Fund.
- 1990-1991 Children's Hospital of Michigan Research Grant: Immune and Metabolic Effects of Arginine in Critically Ill Children: PI: K. Meert, MD.

1989-1990 Children's Hospital of Michigan Research Grant: Clinical and Metabolic Study of Guanidino Compounds; PI: K. Meert, MD.

CLINICAL TRIAL ACTIVITIES

1999-2007 Dr. Meert served as Principal Investigator at Children's Hospital of Michigan/WSU for the Pediatric Acute Lung Injury and Sepsis Investigators' Network (PALISI). This is a network of >40 pediatric intensive care units in the US and Canada that have joined together to perform multi-center studies on issues pertinent to pediatric critical care medicine.

2005-present Dr. Meert serves as Principal Investigator for the National Institutes of Health/ National Institute of Child Health and Human Development Collaborative Pediatric Critical Care Research Network (CPCCRN). This is an NIH funded network of 8-24 pediatric intensive care units in the United States. The goal of the CPCCRN is to investigate the efficacy and safety of treatment and management strategies to care for critically ill children, as well as the pathophysiologic basis of critical illness and injury in childhood.

PUBLICATIONS

Peer-Reviewed Publications

Reports of Original Work

1. Knoth J, Handloser (Meert) K, Njus D. Electrogenic Epinephrine Transport in Chromaffin Granule Ghosts. *Biochemistry* 1980; 19:2938-2942.
2. Heidemann SM, Meert K, Perrin EV, Sarnaik AP. Primary Clostridial Meningitis in Infancy. *Ped Infect Dis J* 1989; 8:126-128.
3. Meert K, Heidemann S, Lieh-Lai M, Sarnaik AP. Clinical Characteristics of Respiratory Syncytial Virus Infections in Healthy Versus Previously Compromised Host. *Pediatric Pulmonol* 1989; 7:167-170. Featured in Oski, F., Stockman, J. III (eds.) *The Year Book of Pediatrics* 1991.
4. Meert KL, Kauffman RW, Deshmukh DR, Sarnaik AP. Impaired Oxidative Metabolism of Salicylate in Reye's Syndrome. *Develop Pharmacol & Therap* 1990; 15:57-60.
5. Meert KL, Heidemann S, Abella B, Sarnaik AP. Does Prematurity Alter the Course of Respiratory Syncytial Virus Infection? *Crit Care Med* 1990; 18:1357-1359.

6. Deshmukh DR, Singh KR, Meert K, Deshmukh GD. Failure of L-Carnitine to Protect Mice Against Hyperammonemia Induced by Ammonium Acetate or Urease Injection. *Ped Res* 1990; 28:256-260.
7. Meert K, Lieh-Lai M, Sarnaik I, Sarnaik A. Role of Intensive Care in Managing Childhood Cancer. *Amer J Clin Oncol* 1991; 14:379-382.
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15. Meert KL, Eggly S. Interventions to Reduce Psychological Morbidity after PICU Discharge: Challenges to Establishing Efficacy. *Pediatr Crit Care Med* 2017; 18:387-388. (PMC5382805)
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1. Meert KL, Deshmukh DR, Marescau B, De Deyn PP, Sarnaik AP. Guanidino Compound Metabolism in Hyperammonemic Rats. In: Marescau B, DeDeyn PP. (eds.), *Guanidino Compounds in Biology and Medicine*. John Libbey Company Limited, June, 1992, pp. 139-144.
2. Deshmukh DR, Meert KL, Sarnaik AP, Marescau B, DeDeyn PP. Guanidino Compound Metabolism in Arginine-Free Diet Induced Hyperammonaemia. In: Marescau B, DeDeyn PP. (eds.), *Guanidino Compounds in Biology and Medicine*. John Libbey Company Limited, June, 1992, pp. 133-138.

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17. Meert KL, Prout A, Martin A, Kamerkar A, Markovitz BL. Evidence Based Medicine. In: Rogers Textbook of Pediatric Intensive Care. 6th Edition. Lippincott, Williams & Wilkins, Philadelphia, 2023.
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PUBLISHED ABSTRACTS (For last 5 years only)

1. Morgan RW, Berg RA, Reeder RW, Meert KL, Yates AR, Landis WP, Graham K, Locandro C, Telford R, Tilford B, Wolfe HA, Nadkarni VM, Sutton RM for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN), and the NHLBI ICU-RESUScitation Project Investigators. Hemodynamic Response to Epinephrine during Pediatric Cardiac Arrest is Associated with Outcome. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
2. Morgan RW, Telford R, Reeder RW, Meert KL, Yates AR, Graham K, Landis WP, Kilbaugh TJ, Nadkarni VM, Berg RA, Sutton RM, NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN), and the Pediatric Intensive Care Quality of Cardio-Pulmonary Resuscitation (PICqCPR) Investigators. Hemodynamics during Cardiopulmonary Resuscitation for Bradycardia with Poor Perfusion. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
3. Pollack M, Banks R, Holukov R, Meert KL for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN). Morbidity & Mortality in Critically Ill Children. Part I. Pathophysiologies and Potential Therapies. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.

4. Meert KL, Banks R, Holukov R, Pollack M for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN). Morbidity & Mortality in Critically Ill Children. Part II. Details derived from Individual Patients. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
5. Pawluszka A, Coleman W, Suttle M, McKenzie A, Beers S, Willey R, Grosskreuz R, October T, DiLiberto AM, Amey D, Meert KL, Hall M, Mourani P, Berg R, Zuppa A, Wessel D, Pollack M, Carcillo J, McQuillen P, Fink E. CPCCRN Family Network Collaborative: Engaging Families in Pediatric Critical Care Research. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
6. Wolfe HA, Sutton RM, Reeder RW, Meert KL, Pollack MM, Yates AR, Berger JT, Newth CJL, Carcillo JA, McQuillen PS, Harrison RE, Moler FW, Carpenter TC, Notterman DA, Holubkov R, Dean JM, Nadkarni VM, Berg RA, for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN) Pediatric Intensive Care Quality of Cardiopulmonary Resuscitation (PICqCPR) Investigators. Cardiopulmonary Resuscitation Quality Measured by Diastolic Blood Pressure during Day versus Night. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
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8. Suttle M, Hall MW, Pollack MM, Berg R, McQuillen PS, Mourani P, Sapru A, Carcillo J, Startup E, Holubkov R, Notterman DA, Meert K. Therapeutic Alliance between Bereaved Parents and Physicians in the Pediatric Intensive Care Unit (PICU). Accepted for presentation at the Pediatric Academic Societies Meeting, Philadelphia, PA, 4/2020.
9. Fink E, Maddux A, Pinto N, Carcillo J, Berg R, Zuppa A, Pollack M, Meert K, Hall M, Sapru A, McQuillen P, Mourani P, Dean J, Notterman D, Smith M, Sorenson S, Ringwood M, Houtrow A, Long D, Carvalho W, Demirkol D, Knoester H, Sankar J, Manning J, Argent A, Choong K, Slomine B, Lee JH, Arias Lopez M, Grosskreuz R, Butts W, Curley M, Amey D, Morrows B, Olson L, Watson RS. A Core Outcome Set for Pediatric Critical Care Research. Accepted to World Federation of Pediatric Intensive and Critical Care Society (WFPICCS), Mexico City, Mexico, 6/2020.
10. Garcia R, Meert K, Safa R, Aggarwal S. Noninvasive measurement of CVP after cardiac

surgery. Pediatric Cardiac Intensive Care Society 16th Annual Meeting. Miami, FL, 12/2020.

11. Miya T, Furlong-Dillard J, Sizemore J, Meert K, Dalton H, Reeder R, Bailly D. The Association of Ventilator Settings and Mortality among Pediatric Patients receiving Extracorporeal Membrane Oxygenation for Respiratory Failure. 31st Annual ELSO Virtual Conference, 9/2020
12. Suttle M, Hall MW, Pollack MM, Berg RA, McQuillen PS, Mourani PM, Sapru A, Carcillo JA, Startup E, Holubkov R, Dean JM, Notterman DA, Meert KL, for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN). The Impact of Therapeutic Alliance on Parental Health Outcomes Following a Child's Death in the PICU. Presented at the virtual Society of Critical Care Medicine Annual Meeting 2/2021
13. Pinto NP, Berg RA, Zuppa A, Newth CJ, Pollack MM, Meert KL, Hall MW, Quasney M, Sapru A, Carcillo JA, McQuillen PS, Mourani PM, Wong H, Chima RS, Holubkov R, Dean JM, Reeder RW, Zimmerman JJ, and the Life After Pediatric Sepsis Evaluation (LAPSE) Investigators. Improvement in Health-Related Quality of Life After Community Acquired Pediatric Septic Shock. Presented at the Society of Critical Care Medicine Annual Meeting 2/2021
14. Suttle M, Hall MW, Pollack MM, Berg RA, McQuillen PS, Mourani PM, Sapru A, Carcillo JA, Startup E, Holubkov R, Dean JM, Notterman DA, Meert KL, for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN). Complicated Grief, Depression and Post-Traumatic Stress Symptoms among Bereaved Parents following their Child's Death in the Pediatric Intensive Care Unit: A Follow-up Study. Presented at the Pediatric Academic Society Meeting, Virtual Meeting, 4/2021
15. Evans LL, Jensen AR, Meert KL, Van Buren JM, Richards R, Holubkov R, Pollack MM, Burd RS for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN). All Body Region Injuries are Not Equal: Differences in Pediatric Discharge Functional Status based on Abbreviated Injury Scale (AIS) Body Region and Severity Scores. Presented at the Western Pediatric Trauma Conference, Virtual Meeting, 2021
16. Hicks S, Zhu D, Kannikeswaran N, Meert KL, Suresh S, Chen W, Warren K, Kumaravel V, Kannikeswaran S, Fisher-Ruiz AJ, Sethuraman U. MicroRNA Profiles in Saliva of Children with and without Severe Disease due to Severe Acute Respiratory Syndrome Corona Virus 2 Infection. Presented at the American Academy of Pediatrics National Conference, Philadelphia, PA, 10/2021.
17. Sethuraman U, Zhu D, Meert KL, Kannikeswaran N, Chen W, Sambor P, Halstead S, Suresh S, Hicks S. Salivary Cytokines in Children with and without Severe Disease due to SARS-CoV-2 Infection. Presented at the American Academy of Pediatrics National

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19. Morgan R, Wolfe H, Reeder R, Alvey J, Frazier A, Friess S, Maa T, McQuillen P, Meert K, Nadkarni V, Siems A, Sharron M, Yates A, Berg R, Sutton R. The impact of the COVID-19 Pandemic on Pediatric Cardiopulmonary Resuscitation Quality and Outcomes. Presented to the Society of Critical Care Medicine Annual Research and Educational Conference, Virtual, 2/2022.
20. Cashen K, Meert K, Reeder R, Berg RA, Cooper KM, Diddle JW, Graham K, Horvat C, Kilpatrick T, Morgan R, Nadkarni V, Page K, Danna Q, Wolfe H, Yates A, Sutton R. Caution for Calcium use during Pediatric CPR: Do Select Resuscitation Scenarios that Benefit? Presented to the Society of Critical Care Medicine Annual Research and Educational Conference, Virtual, 2/2022. Recipient of the Bronze Research Snapshot Award for excellence in critical care research.
21. Kernan KF, Gonzalez L, Vockley J, Lamb J, Hollingshead D, Sethi R, Park HJ, Carcillo J, Berg R, Wessel D, Pollack M, Meert K, Hall M, Newth C, Lin J, Doctor A, Shanley T, Cornell T, Harrison R, Zuppa A. Pathogenic and Potentially Pathogenic Inborn Errors of Immunity Variants in Pediatric Severe Sepsis. Presented to the Society of Critical Care Medicine Annual Research and Educational Conference, Virtual, 2/2022.
22. Kienzle MF, Morgan R, Reeder R, Berg R, Cooper K, Friess S, Graham K, Meert K, Nadkarni V, Wolfe H, Sutton R. Epinephrine Dosing Intervals are Associated with Pediatric Cardiac Arrest Outcomes. Presented to the Society of Critical Care Medicine Annual Research and Educational Conference, Virtual, 2/2022. Project received a 2022 Star Research Achievement Award.
23. Horvat C, Fabio A, Nagin D, Banks R, Qin Y, Park HJ, Kernan KF, Canna S, Berg R, Wessel D, Pollack M, Meert K, Hall M, Newth C, Lin J, Doctor A, Shanley T, Cornell T, Carcillo J. Group-Based Multi-Trajectory Analysis of C-Reactive Protein and Ferritin Levels in Pediatric Sepsis. Presented to the Society of Critical Care Medicine Annual Research and Educational Conference, Virtual, 2/2022.
24. Berg R, Morgan R, Reeder R, Cooper K, Graham K, McQuillen P, Meert K, Palmer C, Tilford B, Wolfe H, Yates A, Nadkarni V, Sutton R. Diastolic Blood Pressure Threshold during Pediatric CPR and Outcomes: a Multicenter Validation Study. Presented to the Society of Critical Care Medicine Annual Research and Educational Conference, Virtual, 2/2022. Project received a 2022 Star Research Achievement Award.

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26. Logan GE, Miller K, Mourani PM, Bennett TD, Bourque SL, Meert K, Zimmerman J, Reeder R, Banks R, Maddux AB. Development of a Desirability of Outcome Ranking Scale for Pediatric Septic Shock Clinical Trials. Presented at the Society of Critical Care Medicine Annual Research and Educational Conference, San Francisco, CA, 1/2023.
27. Stenson EK, Banks RK, Reeder RW, Maddux A, Zimmerman J, Meert KL, Mourani PM, for the Life After Pediatric Sepsis Evaluation (LAPSE) Investigators. Fluid Overload is Associated with Worsened Health-Related Quality of Life after Pediatric Sepsis. Presented at the Society of Critical Care Medicine Annual Research and Educational Conference, San Francisco, CA, 1/2023.
28. O'Halloran A, Reeder RW, Berg RA, Cooper K, Graham K, Kienzle MF, Kilbaugh TJ, Meert KL, Nadkarni VM, Topjian AA, Wolfe HA, Yates AR, Sutton RM, Morgan RW. Early Epinephrine Administration during Pediatric Cardiopulmonary Resuscitation for Bradycardia with Poor Perfusion. Presented at the AHA Resuscitation Science Symposium, Philadelphia, PA, 11/2023. Abstract received the 2023 Paula Dudley White International Award for the highest ranked abstract from the United States.
29. Morgan RW, Reeder RW, Bender D, Cooper KK, Friess SH, Graham K, Meert KL, Mourani PM, Murray R, Nadkarni VM, Nataraj C, Palmer CA, Srivastava N, Tilford B, Wolfe HA, Yates AR, Berg RA, Sutton RM. The Association of End-tidal Carbon Dioxide During Pediatric Cardiopulmonary Resuscitation with Survival Outcomes. Presented to AHA Resuscitation Science Symposium, Philadelphia, PA, 11/2023.
30. Yagiela L, Ma N, Austin T, Eggly S, Meert K. Parent stressors and coping strategies during a child's PICU admission. Presented at the Society of Critical Care Medicine Annual Research and Educational Conference, Phoenix, AZ, 1/2024
31. O'Halloran A, Reeder RW, Berg RA, Cooper K, Graham K, Kienzle MF, Kilbaugh TJ, Meert KL, Nadkarni VM, Topjian AA, Wolfe HA, Yates AR, Sutton RM, Morgan RW. Progression to Pulselessness Among Children Receiving CPR for Bradycardia with Poor Perfusion. Presented at Society of Critical Care Medicine Annual Research and

Educational Conference, Phoenix, AZ, 1/2024

32. Meert KL. Family Dysfunction Associated With a Child Encountering Sepsis Requiring Critical Care. Presented at Society of Critical Care Medicine Annual Research and Educational Conference, Phoenix, AZ, 1/2024
33. Odetola F, Yu M, Friedman E, Sinamo J, Hess S, Eikstadt R, Meert K, Ye W. Outcomes of Transfer to Level I Pediatric Intensive Care units in Michigan. Presented at the Pediatric Academic Societies Meeting, Toronto, Canada, 5/2024
34. Yagiela L, Harper F, Meert KL. Psychosocial risk screening for parent posttraumatic stress symptoms post PICU discharge. To be presented at the Society of Critical Care Medicine Annual Research and Education Conference, Orlando, FL, 2/25.
35. Prout A, Meert K, Dickson R. Composition of the Intestinal Microbiome and Clinical Outcomes in Infants after Cardiopulmonary Bypass. To be presented at the Society of Critical Care Medicine Annual Research and Education Conference, Orlando, FL, 2/25.
36. Kernan KF, Shaik M, Fuhrman D, Horvat CM, Berg R, Pollack M, Meert K, Newth C, Carcillo J, Aneja R. Phoenix Sepsis Criteria Applied to a Pediatric Sepsis Cohort Defined by SIRS and Organ dysfunction. To be presented at the Society of Critical Care Medicine Annual Research and Education Conference, Orlando, FL, 2/25.
37. Meurer W, Topjian A, Berg RA, Kirschen MP, Yeatts SD, Meert KL, Slomine B, Moler F. Baseline Characteristics of the First 150 Patients in Pediatric Influence of Cooling Duration on Efficacy in Cardiac Arrest Patients (P-ICECAP) Trial. To be presented at the American Heart Association Resuscitation Science Symposium (ReSS), Chicago, 11/24.

PRESENTATIONS

A. Invited and/or Refereed Internationally or Nationally

1. Meert, K., Heidemann, S.M., Shayevitz, J.R., Sarnaik, A.P. Clinical Characteristics of Respiratory Syncytial Infections in Healthy versus Previously Compromised Host. *Chest* 94:57S, 1988. Presented at the 54th Annual Scientific Assembly of the American College of Chest Physicians, Anaheim, CA, 10/88.
2. Meert, K.L., Kauffman, R.E., Sarnaik, A.P. Impaired Oxidative Metabolism of Salicylates in Reye's Syndrome (RS). *Ped. Res.*, 25:71A, 1989. Presented at the Society for Pediatric Research Annual Meeting, Washington, DC, 5/89.
3. Meert, K.L., Heidemann, S., Lieh-Lai, M., Sarnaik, A. Does Prematurity Alter Course of

- Respiratory Syncytial Virus Infection? American Review of Respiratory Diseases, 139:A317, 1989. Presented at the American Thoracic Society Conference, Cincinnati, Ohio, 5/89.
4. Sarnaik, A.P., Meert, K., Heidemann, S.M., Lieh-Lai, M. Effect of Underlying Illness on Clinical Characteristics of Respiratory Syncytial Virus (RSV) Infection. In: Aochi, O., Amaha, K., Takeshita, H. (eds.), Intensive and Critical Care Medicine. Elsevier Publishers, Netherlands, 1990; p. 976. Presented at the 5th World Congress on Intensive & Critical Care Medicine, Kyoto, Japan, 9/89.
 5. Sarnaik, A., Meert, K., Lieh-Lai, M., Sarnaik, I., Kopec, J. Role of Intensive Care in Managing Childhood Cancer (CA). In Aochi, O., Amaha, K., Takeshita, H. (eds.), Intensive and Critical Care Medicine. Elsevier Publishers, Netherlands, 1990; p. 988. Presented at the Fifth World Congress in Critical Care Medicine, Kyoto, Japan, 9/89.
 6. Sarnaik, A., Meert, K.L., Hackbarth, R.M. Treatment of Symptomatic Hyponatremia with Hypertonic Saline. Ped. Res., 27:348A, 1990. Presented at the 58th American Academy of Pediatrics Section on Critical Care Medicine Meeting, Chicago, IL, 10/89.
 7. Meert, K., Lieh-Lai, M., Sarnaik, I., Kopec, J., Sarnaik, A. Role of Intensive Care in Management of Childhood Cancer. Presented at the Third Pediatric Critical Care Colloquium, Santa Monica, CA, 10/89.
 8. Lieh-Lai, M., Zablocki, H., Meert, K., Belenky, W., Hotaling, A., Sarnaik, A. Laryngotracheoplasty: A Report of 13 Cases. Presented at the Third Pediatric Critical Care Colloquium, Santa Monica, CA, 10/89.
 9. Deshmukh, D.R., Meert, K., Singh, K. Failure of Carnitine to Protect Mice Against Ammonia Toxicity. Ped. Res., 27:189A, 1990. Presented at the Society for Pediatric Research Meeting, Anaheim, CA, 5/90. Also accepted for presentation at the First International Congress on Inherited Metabolic Diseases Meeting. Monterey, CA, 6/90.
 10. Rosenberg, N., Meert, K., Yee, H., Kauffman, R. Occult Cocaine Exposure. Ped. Res., 29:64A, 1991. Presented at the Society for Pediatric Research Meeting, New Orleans, LA, 4/91.
 11. Rosenberg, N., Meert, K., Yee, H., Kauffman, R. Occult Cocaine Exposure. Presented at the American Academy of Pediatrics Meeting, New Orleans, LA, 10/91.
 12. Meert, K., Gelmini, M., Lieh-Lai, M., Sarnaik, A.P. Metabolic Response to Severe Head Injury. Ped. Res., 29:31A, 1991. Presented at the Society for Pediatric Research Meeting, New Orleans, LA, 4/91.

13. Theodorou, T., Holtrop, T., Marshall, J., Meert, K., Sarnaik, A. Cocaine Exposed Newborns in an Inner City Community Hospital. *American Journal of Diseases of Children*, 145:408, 1991. Presented at the Ambulatory Pediatric Association Meeting, New Orleans, LA, 4/91.
14. Sarnaik, A., Hackbarth, R., Meert, K., Deshmukh, D., Arciniegas, E. Plasma Fibronectin in Children after Cardiovascular Surgery. *Ped. Res.*, 29:33A, 1991. Presented at the Society for Pediatric Research Meeting, New Orleans, LA, 5/91.
15. Deshmukh, D., Meert, K., Sarnaik, A., Marescau, B., DeDeyn, P. Guanidino Compound Metabolism in Arginine-Free Diet Induced Hyperammonemia. Presented at the Third International Symposium on Guanidino Compounds in Biology and Medicine, Antwerp, Belgium, 9/91.
16. Meert, K., Deshmukh, D. Marescau, B., DeDeyn, P., Sarnaik, A. Effect of Ammonium Acetate Induced Hyperammonemia on Metabolism of Guanidino Compounds. Presented at the Third International Symposium on Guanidino Compounds in Biology and Medicine, Antwerp, Belgium, 9/91.
17. Stewart, G., Meert, K., Rosenberg, N. Trauma in Infants Less than Three Months of Age. *Pediatric Emergency Care*, 8:303, 1992. Presented at the American Academy of Pediatrics Meeting, San Francisco, CA, 10/92.
18. Heidemann, S., Meert, K. Outcome Predictors of Late Onset Group B Strep Meningitis. Presented at the First World Congress of Pediatric Intensive Care, Baltimore, MD, 6/92.
19. Lieh-Lai, M., Hassan, N., Meert, K., Theodorou, A., Tolia, V., Sarnaik, A. Stress Gastrointestinal (GI) Hemorrhage and Nosocomial Pneumonia (NP) in Mechanically-Ventilated Children Receiving Stress Ulcer Prophylaxis. Presented at the North American Society for Pediatric Gastroenterology and Nutrition Meeting, Chicago, IL, 10/92.
20. Rosenberg, N., Meert, K., Marino, D., Yee, H., Kauffman, R. Occult Cocaine and Opiate Exposure and Associated Physical Findings. *Ped. Res.*, 33:68A, 1993. Presented at the Society of Pediatric Research Meeting, Washington, DC, 5/93.
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 69. Sharman M, Meert KL, Sarnaik AP. What influences parents' decisions to limit or withdraw life support. *Crit Care Med* 2005; 32:A89. Presented at the Society of Critical Care Medicine Congress, Phoenix, AZ, 1/05.
 70. Meert KL, Markovitz B, McPherson M. Basic Tools and Techniques of Evidence-Based Medicine Workshop. Presented at the Society for Pediatric Research, San Francisco, CA, 04/06.
 71. Meert KL. End of Life Care in the Pediatric Intensive Care Unit. Presented at the United Kingdom Paediatric Intensive Care Society, Nottingham, England, 9/07
 72. Lacroix J, Hebert PC, Hutchison JS, Hume HA, Tucci M, Ducruet T, Gauvin F, Collet JP, Toledano BJ, Robillard P, Joffe A, Biarent D, Meert K, Peters MJ. (in press). Transfusion requirements in pediatric intensive care units study – A multicenter randomized controlled

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83. Meert, KL. How physicians cope with death. Presented at the Society of Critical Care Medicine, Miami, FL, 1/10.
84. Meert KL. Complex grief. Presented at the American Psychological Association, Washington, DC, 8/11.
85. Sarnaik A, Clark J, Meert K, Sarnaik AP. Views of pediatric intensivists on ethics of donation after circulatory determination of death. Crit Care Med 2011; 39: 120. Presented at the Society of Critical Care Medicine, Houston, TX, 2/12.
86. Eggly S, Meert K for the NICHD Collaborative Pediatric Critical Care Research Network. Physicians' conceptualization of "closure" as a benefit of physician-parent follow-up meetings after a child's death in the Pediatric Intensive Care Unit. Presented at the Society for Behavioral Medicine, New Orleans, LA, 4/12.
87. Meert KL, Michelson K, Morrison W, Hackbarth R, Custer J, Schim S, Briller S, Thurston C, Templin T. Reliability and construct validity of the PICU bereaved parent needs assessment (BPNA). Presented at the Pediatric Academic Society, Boston, MA, 4/12.
88. Meert KL, Morrison W, Michelson K, Hackbarth R, Custer J, Templin T. Unmet Parental Needs Around the Time of a Child's Death in the PICU Contribute to Parental Grief. Presented at the Society of Critical Care Medicine, San Juan, Puerto Rico, 1/13.
89. Meert KL, Eggly S, for the NICHD Collaborative Pediatric Critical Care Research Network. Feasibility Study of Physician-Parent Follow-up Meetings after a Child's Death in the Pediatric Intensive Care Unit (PICU). Presented at the Society of Critical Care Medicine, San Juan, Puerto Rico, 1/13.
90. Eggly S, Meert KL, for the NICHD Collaborative Pediatric Critical Care Research Network. Feasibility and Acceptability of Physician-Parent Meetings after a Child's Death in a Pediatric Intensive Care Unit (PICU). Presented at the Society of Behavioral Medicine, San Francisco, CA, 3/13
91. Sutton RM, Holubkov R, Dean JM, Meert K, Moler F, Newth C, Nicholson C, Nadkarni VM, Berg RA, for the NICHD Collaborative Pediatric Critical Care Research Network. General Ward Cardiopulmonary Resuscitation Events are Becoming Near "Never Events": A Report from the Get with the Guidelines - Resuscitation Registry. Presented at American Heart Association Resuscitation Science Symposium, Los Angeles, Ca, 11/12.

92. Doctor A (leader), Berger J, Carcillo J, Dalton H, Dean J, Holubkov R, Meert K, Nicholson C, Pollack M, Wessel D (co-leaders in alphabetical order). Pragmatic Conduct of Multi-Center Research in the Acute Care Setting. Workshop to be presented at the Pediatric Academic Society, Washington, DC, 5/13.
93. Meert KL, Eggly S, Kavanaugh K, for the NICHD Collaborative Pediatric Critical Care Research Network. Do Follow-up Meetings after a Child's Death in the PICU Facilitate Parent Meaning Making? *Crit Care Med* 2013; 41: A716. Presented at the Society of Critical Care Medicine, San Francisco, CA, 1/14.
94. Eggly S, Slatcher, Meert KL, for the NICHD Collaborative Pediatric Critical Care Research Network. Parents' Language Use and their Perceptions of Follow-Up Meetings after a Child's Death in the PICU. *Crit Care Med* 2013; 41: A2. Presented at the Society of Critical Care Medicine, San Francisco, CA, 1/14.
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96. Manning M, Eggly S, Slatcher S, Meert K. Linguistic Patterns of Bereaved Parents during Physician-Parents Follow-up Meetings: An Actor-Partner Interdependence Analysis. Presented at the Society of Behavioral Medicine, Philadelphia, PA, 4/14.
97. Browning B, Page K, Kuhn R, Pawluszka A, DiLiberto M, Golson E, Deschenes J, Taillie E, Holubkov R, Dean JM, Moler FW, Meert K, Pemberton VL. Nurses' Attitudes toward Clinical Research: Experience of the Therapeutic Hypothermia after Pediatric Cardiac Arrest (THAPCA) Trials. Presented at the Pediatric Academic Society, Vancouver, Canada, 5/14.
98. Kline AM, Keithley J, Jegier B, McLeod R, Meert KL. Evaluating the Impact of Obesity in Critically Ill Children: A Pilot Project. Presented at the National Association of Pediatric Nurse Practitioners Conference, Boston, MA, 3/14.
99. Kavanaugh K, Savage T, Eggly S, Nantais-Smith LM, Kimura R, Meert KL, Kilpatrick SJ. Shared Decision Making for Prenatal Life Support Decisions for Extremely Premature Infants. To be presented at the 12th International Conference on Communication in Healthcare, Amsterdam, Netherlands, 9/14.
100. Meert KL, Keele L, Clark A for the NICHD Collaborative Pediatric Critical Care Research Network. Variability in End-of-Life Practice among U.S. Tertiary Care Pediatric Intensive Care Units (PICUs). *Crit Care Med* 2014; 42 (12):389. Presented at the Society of Critical

Care Medicine, Phoenix, AZ 1/15.

101. Meert K, Caverly M, Kelm L, Metheny N. Use of pH as an Indicator of Nasogastric Feeding Tube Placement in Critically Ill Children. *Crit Care Med* 2014; 42 (12):338. Presented at the Society of Critical Care Medicine, Phoenix, AZ 1/15.
102. Kumar B, Meert K, Harper F, Eggly S, Penner L, Albrecht T. Family Centered Rounds and Outcomes for Families of Children Hospitalized with Asthma. Presented at the Pediatric Academic Society, San Diego, CA, 2015
103. Keele L, Funai T, Pollack M, Meert K. Clinical Characteristics and Outcomes of PICU Patients Whose Families are Asked to Consider Limitation or Withdrawal of Life Support. Presented at the Pediatric Academic Society, San Diego, CA, 2015
104. Berg R, Clark A, Nadkarni VM, Moler F, Sutton RM, Wessel DL, Berger JT, Meert K, Dean JM, Pollack M. Incidence and Outcomes of CPR in PICUs. Presented at the American Heart Association, Orlando, FL, 11/15
105. Meert KL, Slomine BS, Christensen J, Telford R, Holubkov R, Dean JM, Moler FW. Family burden after out-of-hospital cardiac arrest in children. Presented at the Pediatric Academic Society, Baltimore, MD, 5/16.
106. Pituch K, Giacomazza M, October T, Meert K. "But the Parents Wanted Us to "Do Everything". Using Values Guided Decision Support in Pediatric ICU's." To be presented at the 2017 Annual Assembly of Hospice & Palliative Care, Phoenix, AZ, 2/17.
107. Meert KL, Pawluszka A, Lulic M, Metheny N. Accuracy of pH as a Bedside Indicator of NG Feeding Tube Placement in Critically-Ill Infants. *Crit Care Med* 2016; 44 (12) Supplement:453. Presented at the Society of Critical Care Medicine, Hawaii 1/17.
108. Meert KL, Telford R, Holubkov R, Slomine BS, Christensen JR, Dean JM, Moler RW. Safety and Efficacy of Therapeutic Hypothermia after Near-Miss Sudden Unexpected Infant Death (SUID). *Crit Care Med* 2016; 44 (12) Supplement:264. Presented at the Society of Critical Care Medicine, Hawaii 1/17.
109. Meert KL, Telford R, Holubkov R, Slomine BS, Christensen JR, Dean JM, Moler RW. Characteristics of Pediatric Out-of-Hospital Cardiac Arrest and their Association with Outcomes. *Crit Care Med* 2016; 44 (12) Supplement:277. Presented at the Society of Critical Care Medicine, Hawaii 1/17.
110. Cashen K, Reeder R, Dalton H, Meert KL for the NICHD Collaborative Pediatric Critical Care Research Network. Functional Status of Neonatal and Pediatric Patients after Extracorporeal Membrane Oxygenation. Presented at the Pediatric Academic Societies, San

Francisco, CA 2017

111. Cashen K, Reeder R, Shanti C, Dalton H, Dean JM, Meert KL. Is Therapeutic Hypothermia during Neonatal ECMO associated with Intracranial Hemorrhage? Presented at the 2018 Society of Critical Care Medicine, San Antonio, TX 2/18
112. Cashen K, Reeder R, Dalton H, Meert KL, for the Collaborative Pediatric Critical Care Research Network. Hyperoxia and Hypocapnia during Pediatric ECMO: Associations with Outcomes. Presented at the 2018 Society of Critical Care Medicine, San Antonio, TX 2/18
113. Meert KL, Slomine BS, Christensen JR, Telford R, Holubkov R, Dean JM, Moler FW, on behalf of the Therapeutic Hypothermia after Pediatric Cardiac Arrest (THAPCA) Trial Investigators. Caregiver Burden after a Child's In-Hospital Cardiac Arrest. Presented at the Pediatric Academic Societies Meeting, Toronto, Canada, 2018
114. Cashen K, Reeder R, Dalton H, Meert KL for the NICHD Collaborative Pediatric Critical Care Research Network. Acquired Infection during Neonatal and Pediatric Extracorporeal Membrane Oxygenation. Presented at the Pediatric Academic Societies Meeting, Toronto, Canada, 2018
115. Pituch K, Meert. Decision-support in Pediatric and Neonatal ICUs. We Can Do Better! Workshop presented at the 2018 Pediatric Academic Societies Meeting, Toronto, Canada, 5/18.
116. Sutton RM, Reeder RW, Landis WP, Meert KL, Yates AR, Berger JT, Newth CJL, Carcillo JA, McQuillen PS, Harrison RE, Moler FW, Pollack MM, Carpenter TC, Notterman DA, Holubkov R, Dean JM, Nadkarni VM, Berg RA, for the NICHD Collaborative Pediatric Critical Care Research Network. Ventilation Rates and Pediatric In-hospital Cardiac Arrest Survival Outcomes. Presented at the American Heart Association Resuscitation Science Symposium. Chicago, IL, 11/2018.
117. Yates AR, Sutton RM, Locandro C, Reeder RW, Meert KL, Fernandez R, Berger JT, McQuillen PS, Wessel DL, Carcillo JA, Carpenter TC, Newth CJ, Harrison RE, Moler F, Notterman DA, Dean JM, Nadkarni VM, Berg RA, for the NICHD Collaborative Pediatric Critical Care Research Network. Invasive Hemodynamics during CPR in Pediatric Cardiac Patients from a Multi-Center Research Network. Presented at the Pediatric Cardiac Intensive Care Society Meeting, Miami, FL, 12/2018.
118. Berg RA, Reeder RW, Meert KL, Yates AR, Berger JT, Newth CJL, Carcillo JA, McQuillen PS, Harrison RE, Moler FW, Pollack MM, Carpenter TC, Notterman DA, Holubkov R, Dean JM, Nadkarni VM, Sutton RM. End-Tidal Carbon Dioxide during Pediatric In-Hospital Cardiac Arrest is not Associated with Survival. Presented at the American Heart Association Resuscitation Science Symposium. Chicago, IL, 11/2018

119. Laudato N, Yagiela L, Meert KL. Understanding Parents' Informational Needs in the Pediatric Intensive Care Unit. Presented at 2019 Society of Critical Care Medicine Meeting. San Diego, CA, 2/2019
120. Meert KL, Guergarian A, Barbaro R, Telford R, Dean M, Moler F. Survival and Neurobehavioral Outcome in Children One Year after ECPR for In-Hospital Cardiac Arrest. Presented at 2019 Society of Critical Care Medicine Meeting. San Diego, CA, 2/2019. Project received a 2019 Star Research Achievement Award.
121. Landis WP, Reeder RW, Morgan RW, Meert KL, Yates AR, Berger JT, Carcillo JA, McQuillen PS, Pollack MM, Carpenter TC, Notterman DA, Dean JM, Naim M, Wolfe HA, Nadkarni VM, Berg RA, Sutton RM, and the NICHD Collaborative Pediatric Critical Care Research Network, and the NHLBI ICU-RESUSCitation Project Investigators. Variability in the Science of Cardiopulmonary Resuscitation: Compression Rate Calculation Methods. Presented at Society of Critical Care Medicine Meeting. San Diego, CA, 2/2019.
122. Sutton RM, Morgan RW, Landis WP, Yeung T, Reeder RW, Meert KL, Yates AR, Berger JT, Carcillo JA, McQuillen PS, Pollack MM, Carpenter TC, Notterman DA, Dean JM, Naim M, Wolfe HA, Nadkarni VM, Berg RA, and the NICHD Collaborative Pediatric Critical Care Research Network and the NHLBI ICU-RESUSCitation Project Investigators. End-Tidal Carbon Dioxide to Identify Return of Spontaneous Circulation During Pediatric Cardiac Arrest. Presented to Society of Critical Care Medicine Meeting. San Diego, CA, 2/2019. Project received a 2019 Star Research Achievement Award.
123. Cashen K, Dalton H, Reeder R, Meert K for the NICHD Collaborative Pediatric Critical Care Research Network. Hemolysis during Pediatric Extracorporeal Membrane Oxygenation. Presented at Society of Critical Care Medicine Meeting. San Diego, CA, 2/2019.
124. Banks R, Reeder R, Sorenson S, Berg RA, Newth C, Wessel D, Meert KL, Hall M, Quasney M, Sapru A, Carcillo J, Mourani P, Wong H, Dean M, Holubkov R, Coleman W, McGalliard J, Whitlock K, Tamburro R, Zimmeramn J. Critical Care Determinants of Poor Outcome Among Children With Septic Shock. Presented at Society of Critical Care Medicine Meeting, San Diego, CA, 2/2019.
125. Carcillo JA, Berg RA, Wessel R, Pollack M, Meert KL, Hall M, Newth C, Lin J, Doctor A, Shanley T, Cornell T, Harrison R, Zuppa A, Reeder R, Banks R, Kellum J, Holubkov R, Notterman D, Dean JM, Tamburro R. for the NICHD Collaborative Pediatric Critical Care Research Network. Three Pediatric Sepsis-Induced Multiple Organ Failure Inflammation Phenotypes: A Multicenter Study. Crit Care Med 2019; 47(1):21. Presented at Society of Critical Care Medicine Meeting. San Diego, CA, 2/2019. Project received a 2019 Star Research Achievement Award.

126. Yagiela L, Edgar C, Meert K. Parent Posttraumatic Growth after a Child's Critical Illness. To be presented at the American Thoracic Society Meeting, Dallas, TX, 5/2019.
127. Mourani PM, Wagner B, Sontag M, Williamson K, Carpenter T, Harris JK, Reeder R, Locandro C, Ziegler K, Sierra Y, Langelier C, Zuppa A, Hall MW, Carcillo J, Meert K, Sapru A, Pollack M, McQuillen P, Tamburro R, Dean M, for the NICHD Collaborative Pediatric Critical Care Research Network. Host Lower Airway Immune Responses in Mechanically Ventilated Children with Viral Lower Respiratory Tract Infections: Implications for Development of Secondary Bacterial Pneumonia. To be presented at the American Thoracic Society Meeting, Dallas, TX, 5/2019.
128. Mourani PM, Sontag M, Wagner B, Williamson K, Harris JK, Reeder R, Locandro C, Carpenter TC, Maddux AB, Ziegler K, Simoes E, Osborne CM, Langelier C, Kalantar K, Kamm J, Hall MW, Zuppa A, Carcillo J, Meert K, Sapru A, Pollack M, McQuillen P, Tamburro R, Dean JM, for the NICHD Collaborative Pediatric Critical Care Research Network. Temporal Changes in the Lower Airway Microbiome are Associated with Development of Ventilator Associated Pneumonia in Mechanically Ventilated Children. To be presented at the American Thoracic Society Meeting, Dallas, TX, 5/2019.
129. Osborne CM, Langelier CL, Williamson K, Harris JK, Sontag MK, Wagner BD, Maddux AB, Ziegler K, Kalantar K, Kamm J, Carpenter TC, Simoes E, Reeder RW, Locandro C, Hall MW, Zuppa AF, Carcillo JA, Meert KL, Sapru A, Pollack M, McQuillen PS, Tamburro R, Notterman DA, Dean JM, DeRisi J, Mourani PM, for the NICHD Collaborative Pediatric Critical Care Research Network. Diagnostic accuracy of multiplex RT-PCR compared to next generation RNA sequencing in children with severe viral lower respiratory tract infection. Presented at the Pediatric Academic Societies Meeting, Baltimore, MD, 4/2019.
130. Maddux AB, Osborne CM, Williamson KM, Sontag MK, Wagner BD, Carpenter TC, Harris JK, Reeder RW, Locandro C, Hall MW, Zuppa AF, Carcillo JA, Meert KL, Sapru A, Pollack M, McQuillen PS, Notterman DA, Tamburro R, Dean JM, Mourani PM, for the NICHD Collaborative Pediatric Critical Care Research Network. Feeding and motor morbidities in children who survive acute respiratory failure requiring prolonged mechanical ventilation. Presented at the Pediatric Academic Societies Meeting, Baltimore, MD, 4/2019.
131. Meert KL, Slomine B, Silverstein F, Telford R, Dean JM, Moler F. One-Year Cognitive and Neurologic Outcomes in Survivors of Pediatric Extracorporeal Cardiopulmonary Resuscitation. Presented at the Pediatric Academic Societies Meeting, Baltimore, MD, 4/2019.
132. Morgan RW, Berg RA, Reeder RW, Meert KL, Yates AR, Landis WP, Graham K, Locandro C, Telford R, Tilford B, Wolfe HA, Nadkarni VM, Sutton RM for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN), and the NHLBI ICU-

- RESUScitation Project Investigators. Hemodynamic Response to Epinephrine during Pediatric Cardiac Arrest is Associated with Outcome. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
133. Morgan RW, Telford R, Reeder RW, Meert KL, Yates AR, Graham K, Landis WP, Kilbaugh TJ, Nadkarni VM, Berg RA, Sutton RM, NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN), and the Pediatric Intensive Care Quality of Cardio-Pulmonary Resuscitation (PICqCPR) Investigators. Cardiopulmonary Resuscitation for Bradycardia with Poor Perfusion. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
 134. Pollack M, Banks R, Holukov R, Meert KL for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN). Morbidity & Mortality in Critically Ill Children. Part I. Pathophysiologies and Potential Therapies. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
 135. Meert KL, Banks R, Holukov R, Pollack M for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN). Morbidity & Mortality in Critically Ill Children. Part II. Details derived from Individual Patients. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
 136. Pawluszka A, Coleman W, Suttle M, McKenzie A, Beers S, Willey R, Grosskreuz R, October T, DiLiberto AM, Amey D, Meert KL, Hall M, Mourani P, Berg R, Zuppa A, Wessel D, Pollack M, Carcillo J, McQuillen P, Fink E. CPCCRN Family Network Collaborative: Engaging Families in Pediatric Critical Care Research. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
 137. Wolfe HA, Sutton RM, Reeder RW, Meert KL, Pollack MM, Yates AR, Berger JT, Newth CJL, Carcillo JA, McQuillen PS, Harrison RE, Moler FW, Carpenter TC, Notterman DA, Holubkov R, Dean JM, Nadkarni VM, Berg RA, for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN) Pediatric Intensive Care Quality of Cardiopulmonary Resuscitation (PICqCPR) Investigators. Cardiopulmonary Resuscitation Quality Measured by Diastolic Blood Pressure during Day versus Night. Presented at the Society of Critical Care Medicine Meeting, Orlando, FL, 2/2020.
 138. Leroue MK, Curtin P, Sontag MK, Williamson KM, Wagner BD, Ambroggio L, Bixby M, Busgang S, Murphy SE, Peterson LA, Vevang KR, Sipe CJ, Tang MK, Harris JK, Reeder R, Locandro C, Carpenter TC, Maddux AB, Simoes E, Osborne CM, Ziegler K, Robertson CE, Langelier C, Kamm J, DeRisi JL, Hall MW, Zuppa A, Carcillo J, Meert K, Sapru A, Pollack M, McQuillen P, Nottingham DA, Mourani PM, for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN). The Relationship of Tobacco Smoke Exposure on the Lower Airways Microbiome and Clinical Outcomes of Critically Ill, Mechanically Ventilated Pediatric Patients. Accepted to the Pediatric Academic Societies Meeting,

Philadelphia, PA, 4/2020. (Meeting canceled due to COVID).

139. Suttle M, Hall MW, Pollack MM, Berg R, McQuillen PS, Mourani P, Sapru A, Carcillo J, Startup E, Holubkov R, Notterman DA, Meert K. Therapeutic Alliance between Bereaved Parents and Physicians in the Pediatric Intensive Care Unit (PICU). Accepted to the Pediatric Academic Societies Meeting, Philadelphia, PA, 4/2020. (Meeting canceled due to COVID).
140. Fink E, Maddux A, Pinto N, Carcillo J, Berg R, Zuppa A, Pollack M, Meert K, Hall M, Sapru A, McQuillen P, Mourani P, Dean J, Notterman D, Smith M, Sorenson S, Ringwood M, Houtrow A, Long D, Carvalho W, Demirkol D, Knoester H, Sankar J, Manning J, Argent A, Choong K, Slomine B, Lee JH, Arias Lopez M, Grosskreuz R, Butts W, Curley M, Amey D, Morrows B, Olson L, Watson RS. A Core Outcome Set for Pediatric Critical Care Research. World Federation of Pediatric Intensive and Critical Care Society (WFPICCS), Mexico City, Mexico, 6/2020.
141. Garcia R, Meert K, Safa R, Aggarwal S. Noninvasive measurement of CVP after cardiac surgery. Pediatric Cardiac Intensive Care Society 16th Annual Meeting. Miami, FL, 12/2020.
142. Suttle M, Hall MW, Pollack MM, Berg RA, McQuillen PS, Mourani PM, Sapru A, Carcillo JA, Startup E, Holubkov R, Dean JM, Notterman DA, Meert KL, for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN). The Impact of Therapeutic Alliance on Parental Health Outcomes Following a Child's Death in the PICU. To be presented at the Society of Critical Care Medicine Annual Meeting 2/2021.
143. Pinto NP, Berg RA, Zuppa A, Newth CJ, Pollack MM, Meert KL, Hall MW, Quasney M, Sapru A, Carcillo JA, McQuillen PS, Mourani PM, Wong H, Chima RS, Holubkov R, Dean JM, Reeder RW, Zimmerman JJ, and the Life After Pediatric Sepsis Evaluation (LAPSE) Investigators. Improvement in Health-Related Quality of Life After Community Acquired Pediatric Septic Shock. Presented at the Society of Critical Care Medicine Annual Meeting 2/2021
144. Miya T, Furlong-Dillard J, Sizemore J, Meert K, Reeder R, Bailly D. The Association of Ventilator Settings and Mortality among Pediatric Patients receiving Extracorporeal Membrane Oxygenation for Respiratory Failure. 31st Annual ELSO Virtual Conference, 9/2020
145. Suttle M, Hall MW, Pollack MM, Berg RA, McQuillen PS, Mourani PM, Sapru A, Carcillo JA, Startup E, Holubkov R, Dean JM, Notterman DA, Meert KL, for the NICHD Collaborative Pediatric Critical Care Research Network (CPCCRN). Complicated Grief, Depression and Post-Traumatic Stress Symptoms among Bereaved Parents following their Child's Death in the Pediatric Intensive Care Unit: A Follow-up Study. Presented at the Pediatric Academic Society Meeting, Virtual Meeting, 4/2021

146. Hicks S, Zhu D, Kannikeswaran N, Meert KL, Suresh S, Chen W, Warren K, Kumaravel V, Kannikeswaran S, Fisher-Ruiz AJ, Sethuraman U. MicroRNA Profiles in Saliva of Children with and without Severe Disease due to Severe Acute Respiratory Syndrome Corona Virus 2 Infection. Presented at the American Academy of Pediatrics National Conference, Philadelphia, PA, Oct 2021.
147. Sethuraman U, Zhu D, Meert KL, Kannikeswaran N, Chen W, Sambor P, Halstead S, Suresh S, Hicks S. Salivary Cytokines in Children with and without Severe Disease due to SARS-CoV-2 Infection. Presented at the American Academy of Pediatrics National Conference, Philadelphia, PA, 10/2021.
148. Suresh S, Ettinger A, Sethuraman U, Kannikeswaran N, Hicks S, Zhu D, Chen W, Meert KL. Social Determinants of Health in Children with Severe an Non-Severe SARS-CoV-2 Infection. Presented at the American Academy of Pediatrics National Conference, Philadelphia, PA, 10/2021.
149. Morgan R, Wolfe H, Reeder R, Alvey J, Frazier A, Friess S, Maa T, McQuillen P, Meert K, Nadkarni V, Siems A, Sharron M, Yates A, Berg R, Sutton R. The impact of the COVID-19 Pandemic on Pediatric Cardiopulmonary Resuscitation Quality and Outcomes. Presented to the Society of Critical Care Medicine Annual Research and Educational Conference, Virtual, 2/2022.
150. Cashen K, Meert K, Reeder R, Berg RA, Cooper KM, Diddle JW, Graham K, Horvat C, Kilpatrick T, Morgan R, Nadkarni V, Page K, Danna Q, Wolfe H, Yates A, Sutton R. Caution for Calcium use during pediatric CPR: Are there select resuscitation scenarios that benefit? Presented to the Society of Critical Care Medicine Annual Research and Educational Conference, Virtual, 2/2022. Recipient of the Bronze Research Snapshot Award for excellence in critical care research.
151. Kernan KF, Gonzalez L, Vockley J, Lamb J, Hollingshead D, Sethi R, Park HJ, Carcillo J, Berg R, Wessel D, Pollack M, Meert K, Hall M, Newth C, Lin J, Doctor A, Shanley T, Cornell T, Harrison R, Zuppa A. Pathogenic and Potentially Pathogenic Inborn Errors of Immunity Variants in Pediatric Severe Sepsis. Presented to the Society of Critical Care Medicine Annual Research and Educational Conference, Virtual, 2/2022.
152. Kienzle MF, Morgan R, Reeder R, Berg R, Cooper K, Friess S, Graham K, Meert K, Nadkarni V, Wolfe H, Sutton R. Epinephrine Dosing Intervals are Associated with Pediatric Cardiac Arrest Outcomes. Presented to the Society of Critical Care Medicine Annual Research and Educational Conference, Virtual, 2/2022. Project received a 2022 Star Research Achievement Award.
153. Horvat C, Fabio A, Nagin D, Banks R, Qin Y, Park HJ, Kernan KF, Canna S, Berg R,

- Wessel D, Pollack M, Meert K, Hall M, Newth C, Lin J, Doctor A, Shanley T, Cornell T, Carcillo J. Group-Based Multi-Trajectory Analysis of C-Reactive Protein and Ferritin Levels in Pediatric Sepsis. Presented to the Society of Critical Care Medicine Annual Research and Educational Conference, Virtual, 2/2022.
154. Berg R, Morgan R, Reeder R, Cooper K, Graham K, McQuillen P, Meert K, Palmer C, Tilford B, Wolfe H, Yates A, Nadkarni V, Sutton R. Diastolic Blood Pressure Threshold during Pediatric CPR and Outcomes: a Multicenter Validation Study. Presented to the Society of Critical Care Medicine Annual Research and Educational Conference, Virtual, 2/2022. Project received a 2022 Star Research Achievement Award.
 155. Logan GE, Miller K, Mourani PM, Bennett TD, Bourque SL, Meert K, Zimmerman J, Reeder R, Banks R, Maddux AB. Development of a Desirability of Outcome Ranking Scale for Pediatric Septic Shock Clinical Trials. To be presented at the Society of Critical Care Medicine Annual Research and Educational Conference, San Francisco, CA 1/2023.
 156. Stenson EK, Banks RK, Reeder RW, Maddux A, Zimmerman J, Meert KL, Mourani PM, for the Life After Pediatric Sepsis Evaluation (LAPSE) Investigators. Fluid Overload is Associated with Worsened Health-Related Quality of Life after Pediatric Sepsis. To be presented at the Society of Critical Care Medicine Annual Research and Educational Conference, San Francisco, CA 1/2023.
 157. O'Halloran A, Reeder RW, Berg RA, Cooper K, Graham K, Kienzle MF, Kilbaugh TJ, Meert KL, Nadkarni VM, Topjian AA, Wolfe HA, Yates AR, Sutton RM, Morgan RW. Early Epinephrine Administration during Pediatric Cardiopulmonary Resuscitation for Bradycardia with Poor Perfusion. Presented at the AHA Resuscitation Science Symposium, Philadelphia, PA, 11/2023. Abstract received the 2023 Paula Dudley White International Award for the highest ranked abstract from the United States.
 158. Morgan RW, Reeder RW, Bender D, Cooper KK, Friess SH, Graham K, Meert KL, Mourani PM, Murray R, Nadkarni VM, Nataraj C, Palmer CA, Srivastava N, Tilford B, Wolfe HA, Yates AR, Berg RA, Sutton RM. The Association of End-tidal Carbon Dioxide During Pediatric Cardiopulmonary Resuscitation with Survival Outcomes. To be presented at AHA Resuscitation Science Symposium, Philadelphia, PA, 11/2023.
 159. Yagiela L, Ma N, Austin T, Eggly S, Meert K. Parent stressors and coping strategies during a child's PICU admission. To be presented at Society of Critical Care Medicine Annual Research and Educational Conference, Phoenix, AZ, 1/2024
 160. O'Halloran A, Reeder RW, Berg RA, Cooper K, Graham K, Kienzle MF, Kilbaugh TJ, Meert KL, Nadkarni VM, Topjian AA, Wolfe HA, Yates AR, Sutton RM, Morgan RW. Progression to Pulselessness Among Children Receiving CPR for Bradycardia with Poor Perfusion. To be presented at Society of Critical Care Medicine Annual Research and

Educational Conference, Phoenix, AZ, 1/2024

161. Meert KL. Family Dysfunction Associated With a Child Encountering Sepsis Requiring Critical Care. Presented at Society of Critical Care Medicine Annual Research and Educational Conference, Phoenix, AZ, 1/2024
162. Odetola F, Yu M, Friedman E, Sinamo J, Hess S, Eikstadt R, Meert K, Ye W. Outcomes of Transfer to Level I Pediatric Intensive Care units in Michigan. Presented at the Pediatric Academic Societies Meeting, Toronto, Canada, 5/2024
163. Yagiela L, Harper F, Meert KL. Psychosocial risk screening for parent posttraumatic stress symptoms post PICU discharge. To be presented at the Society of Critical Care Medicine Annual Research and Education Conference, Orlando, FL, 1/25.
164. Prout A, Meert K, Dickson R. Composition of the Intestinal Microbiome and Clinical Outcomes in Infants after Cardiopulmonary Bypass. To be presented at the Society of Critical Care Medicine Annual Research and Education Conference, Orlando, FL, 1/25.
165. Kernan KF, Shaik M, Fuhrman D, Horvat CM, Berg R, Pollack M, Meert K, Newth C, Carcillo J, Aneja R. Phoenix Sepsis Criteria Applied to a Pediatric Sepsis Cohort Defined by SIRS and Organ dysfunction. To be presented at the Society of Critical Care Medicine Annual Research and Education Conference, Orlando, FL, 2/25.
166. Meurer W, Topjian A, Berg RA, Kirschen MP, Yeatts SD, Meert KL, Slomine B, Moler F. Baseline Characteristics of the First 150 Patients in Pediatric Influence of Cooling Duration on Efficacy in Cardiac Arrest Patients (P-ICECAP) Trial. To be presented at the American Heart Association Resuscitation Science Symposium (ReSS), Chicago, 11/24.

B. Invited and/or Refereed Locally/Regionally

1. Meert, K.L., Kauffman, R.E., Sarnaik, A.P.: Impaired Oxidative Metabolism of Salicylates in Reye's Syndrome (RS). Presented at the Third Michigan Pediatric Critical Care Medicine Symposium, Flint, MI, 5/89.
2. Hackbarth, R., Meert, K., Sarnaik, A.P., Fleischmann, L.: Management of Hyponatremic Seizures in Children by Rapidly Raising Serum Sodium: A Safe and Effective Strategy. Presented at the Michigan Pediatric Critical Care Symposium, Lansing, MI, 5/90.
3. Meert, K., Gelmini, M., Lieh-Lai, M., Sarnaik, A.: Metabolic Response to Severe Head Injury. Presented at the Fifth Michigan Pediatric Critical Care Medicine Symposium, Detroit, MI 4/91.
4. Meert, K., Deshmukh, D., Marescau, B., Sarnaik, A. Guanidino Compounds During

- Hyperammonemia. Clin. Res., 39:698A, 1991. Presented at the Midwest Society for Pediatric Research, Chicago, IL, 11/91.
5. Lieh-Lai, M., Hassan, N., Meert, K., Theodorou, A., Tolia, V., Sarnaik, A. Stress Gastrointestinal (GI) Hemorrhage and Nosocomial Pneumonia (NP) in Mechanically-Ventilated Children Receiving Stress Ulcer Prophylaxis. Clin. Res., 40:695A, 1992. Presented at the Midwest Society of Pediatric Research Meeting, Chicago, IL, 11/92.
 6. Meert, K., Sarnaik, A., Gelmini, M., Lieh-Lai, M.: Use of Aerosolized Ribavirin in Mechanically Ventilated Children with RSV Lower Respiratory Tract Disease. Presented at Clinic Days, Children's Hospital of Michigan, Detroit, MI, 5/93.
 7. Sarnaik, A., Pappas, M., Lieh-Lai, M., Meert, K.: Efficacy of High Frequency Ventilation (HFV) in Children with Severe Acute Respiratory Failure (SARF). Michigan Pediatric Critical Care Symposium, Frankenmuth, MI, 5/93.
 8. Meert, K., Gelmini, M., Lieh-Lai, M., Sarnaik, A. Aerosolized Ribavirin in Mechanically Ventilated Infants with Respiratory Syncytial virus (RSV) Lower Respiratory Tract Disease. Clin. Res., 41:652A, 1993. Presented at the Midwest Society for Pediatric Research Meeting, Chicago, IL, 11/93.
 9. Sarnaik, A., Pappas, M., Lieh-Lai, M., Meert, K.: Efficacy of High Frequency Ventilation (HFV) in Children with Severe Acute Respiratory Failure (SARF). Presented at the New Jersey State Society of Critical Care Medicine Meeting, Princeton, NJ, 9/93.
 10. Hasan, R., Sarnaik, A., Meert, K., Dabbagh, S., Hakimi, M.: Alterations in Plasma Phosphorus (P), Red Cell 2,3-diphosphoglycerate and P₅₀ in children After Cardiovascular Surgery. Presented at the Fellow Research Presentation, Children's Hospital of Michigan, Detroit, MI, 4/94.
 11. Meert, K., Brownell, A., Kaplan, J., Sarnaik, A. Does Transforming Growth Factor-Beta Mediate Post-Traumatic Immunosuppression? Clinical Research 42: 398A, 1994. Presented at the Midwest Society for Pediatric Research, Chicago, IL, 9/94.
 12. Uy, H., Sarnaik, A., Lieh-Lai, M., Meert, K., Heidemann, S., Whittlesey, G., Klein, M.: Management of Severe Pulmonary Parenchymal Disease in Children with Extracorporeal Life Support: Experience from a Single Institution. Presented at the Fellow Research Presentation, Children's Hospital of Michigan, Detroit, MI, 4/94.
 13. Pappas, M., Sarnaik, A., Lieh-Lai, M., Meert, K.: Efficacy of High Frequency Ventilation in the Treatment of Children with Pulmonary Hemorrhage. Presented at the Fellow Research Presentation, Children's Hospital of Michigan, Detroit, MI, 4/94.

14. Anene O, Meert KL, Uy H, Simpson P, Sarnaik AP. Dexamethasone for the Prevention of Post-Extubation Airway Obstruction: A Prospective, Randomized, Double-Blind Trial. *J. Invest. Med.* **43**:417A, 9/95. Presented at the Midwest Society for Pediatric Research, Chicago, IL, 9/95.
15. Meert, K., Ofenstein, J., Genyea, C., Sarnaik, A., Kaplan J. Changes in Lymphocyte Proliferation and Interleukin - 2 (IL-2) Production following Trauma. Presented at Clinic Days, Children's Hospital of Michigan, Detroit, MI, 5/95.
16. Meert, K., Ofenstein, J., Genyea, C., Sarnaik, A., Kaplan, J.: Plasma Concentration of Transforming Growth Factor Correlates with Post-Trauma Immunosuppression. Presented at Clinic Days, Children's Hospital of Michigan, Detroit, MI, 5/96.
17. Heidemann, S.M., Asi-Bautista, M.C., Meert, K.L., Sarnaik, A.P. Protective Effects of a Thromboxane Synthetase Inhibitor (UK 38,485) in Rat Endotoxemia. *J. Invest. Med.* **44**: 367A, 1996. Presented at the Midwest Society for Pediatric Research, Chicago, IL, 9/96.
18. Meert, K., Heidemann, S., Sarnaik, A. Outcome of Children with Carbon Monoxide Poisoning Treated with Normobaric Oxygen. Presented at Clinic Days, Children's Hospital of Michigan, Detroit, MI, 5/97.
19. Meert, K.L., Heidemann, S.M., Sarnaik, A.P. Outcome of Children With Carbon Monoxide Poisoning Treated With Normobaric Oxygen Therapy. *J. Invest. Med.* **45**:340A 1997. Presented at the Midwest Society for Pediatric Research, Chicago, IL, 9/97.
20. Meert, K.L., Ofenstein, J.P., Sarnaik, A.P., Kaplan, J. Traumatic Injury Alters T Helper Cell Cytokine Response. *J. Invest. Med.* **45**:339A, 1997. Presented at the Midwest Society for Pediatric Research, Chicago, IL, 9/97.
21. Witkowski, A.A., Meert, K.L., Sarnaik, A.P. Management of Theophylline Poisoning in Children. *J. Invest. Med.* **45**:339A, 1997. Presented at the Midwest Society for Pediatric Research, Chicago, IL, 9/97.
22. Gharpure, V., Meert, K.L., Sarnaik, A.P., Metheny, N.A. Indicators of Post-Pyloric Feeding Tube Placement. Presented at the Fellow Research Presentation, Children's Hospital of Michigan, Detroit, MI, 5/99.
23. Gharpure, V., Meert, K.L., Sarnaik, and A.P. Use of Erythromycin for Postpyloric Feeding Tube Placement: A Randomized, Double-Blind, Placebo Controlled Study. Presented at the Fellow Research Presentation, Children's Hospital of Michigan, Detroit, MI, 5/00.
24. Meert, K.L., Thurston C.S., Sarnaik A.P. Parental Decisions Regarding Limitation of Care

- and Withdrawal of Life Support in Critically Ill Children. Presented at Clinic Days, Children's Hospital of Michigan, Detroit, MI, 5/00.
25. Kannan, S, Meert, K.L., Mooney, J., Warrier I.: Bleeding and Coagulation Changes in Children and Adolescents Undergoing Spinal Fusion Surgery: A Pilot Study. Presented at the Resident Research Presentation, Children's Hospital of Michigan, Detroit, MI, 5/00.
 26. Meert, KL, Daphtary, KM, Metheny, NA: Pepsin Detection in Tracheal Secretions as an Indicator of Aspiration in Mechanically Ventilated Children. Presented at Clinic Days, Children's Hospital of Michigan, Detroit, MI, 5/01.
 27. Kannan, S., Meert, K.L., Mooney, J., Warrier I. Bleeding and Coagulation Changes in Children and Adolescents Undergoing Spinal Fusion Surgery. *J. Invest. Med.*49:276A, 2001. Presented at the Midwest Society for Pediatric Research, Chicago, IL, 9/01.
 28. Meert, K.L., Kannan, S., Mooney, J.: Clinical predictors of allogeneic and autologous red cell transfusion in children and adolescents undergoing spinal fusion surgery. Presented at Clinic Days, Children's Hospital of Michigan, Detroit, MI, 5/02.
 29. Meert, K.L., Thurston, C.S. Spiritual Needs of Bereaved Parents: A Qualitative Study. Presented at the Wayne State University College of Nursing Research Day, Detroit, MI, 03/04.
 30. Sharma M, Meert KL, Sarnaik AP. What influences parents' decision to limit or withdraw life support? *Ped Res* 2004; 56:672. Presented at the Midwest Society for Pediatric Research, St. Louis, MO, 10/04. (Served as faculty mentor and senior author of this project).
 31. Sharma M, Meert KL, Sarnaik AP. What influences parents' decision to limit or withdraw life support? Presented at the Fellow Research Presentation, Children's Hospital of Michigan, Detroit, MI, 5/05.
 32. Meert KL. Helping Parents Cope with a Child's Death. Presented at the Palliative Care Research Conference, Wayne State University, Detroit, MI, 9/26/08
 33. Schim SM, Briller S, Meert KL. Identifying Needs of Bereaved Parents in the Pediatric Intensive Care Unit. To be presented at the Midwest Nursing Research Conference, Minneapolis, MN, 3/2009.
 34. Schim SM, Briller SH, Meert K, Thurston C. Identifying needs of bereaved parents from the pediatric intensive care unit. To be presented at the Second Annual Regional Palliative Care Collaborative Conference, Dearborn, MI, 10/09.

35. Ball A, Crider B, Harper FWK, Eggly S, Kobayashi H, Meert KL, Penner LA, Gray H, Albrecht TL. Reducing disparities: Engaging family voices in shaping the research agenda. Michigan State/Wayne State 11th Annual Pediatric Research Day. Health Disparities: Newborn to Adolescence. Presented at Children's Hospital of Michigan, Detroit, MI, 3/12.
36. Harper FWK, Eggly S, Crider B, Kobayashi H, Meert KL, Ball A, Penner LA, Gray H, Albrecht TL. Patient- and family-centered care as an approach to reducing disparities in asthma outcomes in urban African American children. Michigan State/Wayne State 11th Annual Pediatric Research Day. Health Disparities: Newborn to Adolescence. Presented at Children's Hospital of Michigan, Detroit, MI, 3/12.
37. Ball A, Crider B, Harper FWK, Eggly S, Kobayashi H, Meert KL, Penner LA, Gray H, Albrecht TL. Reducing disparities: Engaging family voices in shaping the research agenda. Presented at Children's Hospital of Michigan Nursing Conference: Promoting Excellence through Evidence Based Practice: Transforming Health Care in 2012, Detroit, MI, 9/12.
38. Harper FWK, Eggly S, Crider B, Kobayashi H, Meert KL, Ball A, Penner LA, Gray H, Albrecht TL. Patient- and family-centered care as an approach to reducing disparities in asthma outcomes in urban African American children. Presented at Children's Hospital of Michigan Nursing Conference: Promoting Excellence through Evidence Based Practice: Transforming Health Care in 2012, Detroit, MI, 9/12.
39. Kumar B, Meert K, Harper F, Eggly S, Penner L, Albrecht T. Family Centered Rounds and Outcomes for Families of Children Hospitalized with Asthma. Michigan State/Wayne State 14th Annual Pediatric Research Day. Presented at Wayne State University, Detroit, MI, 3/15.
40. Chiwane S, Navalkale P, Callaghan M, Kamat D, Meert K. Utility of Polymerase Chain Reaction (PCR) for Detecting Blood Stream Infections in the Pediatric Intensive Care Unit (PICU): A Comparison with Blood Culture. Presented at the Wolf W. Zuelzer Fellow Research Competition, Children's Hospital of Michigan, Detroit, MI, 4/15.
41. Meert K, Keele L, Tomohiko F. Limiting and Withdrawing Life Support in the PICU: For Whom Are These Options Discussed? Presented at Robust: Researchers of Biobehavioral Health in Urban Settings Today. Wayne State University, Detroit, MI, 10/15
42. Ashbrook M, Pohl K Pawluszka A, Quasney M, Meert, K. Clinical Characteristics and Course of Human Metapneumovirus in Critically Ill Infants and Children: A Multisite Study in Michigan. WSU Medical Student Research Day (presented) 2016. Served as faculty mentor for Matt Ashbrook WSU II student.
43. Meert KL, Slomine BS, Christensen JR, Telford R, Holubkov R, Dean JM, Moler FW, on behalf of the Therapeutic Hypothermia after Pediatric Cardiac Arrest (THAPCA) Trial

Investigators. Caregiver Burden after a Child's In-Hospital Cardiac Arrest. Presented at Michigan State/Wayne State Annual Pediatric Research Day, Flint, MI 3/2018.

44. Laudato N, Yagiela L, Meert KL. Understanding Parents' Informational Needs in the Pediatric Intensive Care Unit. Presented at the Midwest Society for Pediatric Research, Royal Oak, MI 10/2018.
45. Meert KL, Slomine B, Silverstein F, Ichord R, Telford R, Dean JM, Moler F. One-Year Cognitive and Neurologic Outcomes in Survivors of Pediatric Extracorporeal Cardiopulmonary Resuscitation. Presented at the Michigan State/Wayne State Pediatric Research Day, Lansing, MI, 3/2019.

C. Invited Seminars or Lectures (For last 5 years only)

1. "Examining Needs of Bereaved Parents in the PICU" Presented as Grand Rounds at St. Justine Hospital, Montreal, Quebec, 4/8/09
2. "How physicians cope with death." Presented at the Society of Critical Care Medicine, Miami, FL, 1/10.
3. "Parent Bereavement Study." Presented at CHM Fellows Research Lecture, CHM, Detroit, MI, 7/22/10.
4. "Health Outcomes of Parental Bereavement." Presented to NICHD Advisory Board to the Collaborative Pediatric Critical Care Research Network, Washington DC, 6/11/12.
5. "Therapeutic Hypothermia for Pediatric Cardiac Arrest." Presented at CHM Fellows Research Lecture, CHM, Detroit, MI, 11/12.
6. "Therapeutic Hypothermia." Presented at General Surgery Grand Rounds, Children's Hospital of Michigan, June 26, 2013.
7. "Physician-Parent Follow-up Meetings: A New Preventive Intervention for Bereaved Parents." Presented at Pediatric Grand Rounds, Children's Hospital of Michigan, July 19, 2013.
8. Greater Illinois Pediatric Palliative Care Coalition (GIPGCC) Keynote Speaker. "Family Greif and Bereavement after a Child's Death in the PICU." Bloomington, IL, June 11, 2015
9. "Parental Bereavement in PICU" Pediatric Grand Rounds and Visiting Professor at University of Michigan Sept 22, 2015

10. "Parental Bereavement in PICU" Pediatric Grand Rounds at Children's Hospital of Michigan, Nov. 6, 2015
11. "Targeted Temperature Management" Division of Emergency Medicine, Children's Hospital of Michigan, August 31, 2016.
12. "Supporting parents near the time of a Child's Death in the Pediatric Intensive Care Unit" Visiting Professor and Lecture for Dept. of Anesthesia and Critical Care Medicine at Boston's Children's Hospital, Harvard Medical School, Boston, MA, Sept. 6, 2016.
13. "Lessons Learned from Studies of Parental Bereavement for Pediatric Intensive Care Clinicians" Lecture for OpenPediatrics, World Shared Practice Forum, Boston's Children's Hospital, Harvard Medical School, Boston, MA, Sept. 7, 2016.
14. "Parent-Physician Follow-up Meetings after a Child's Death in the Pediatric Intensive Care Unit" Pediatric Palliative Care Conference, Dearborn, MI, Sept 12, 2016.
15. "Application of Targeted Temperature Management: Current Guidelines" General Surgery-Critical Care Joint Educational Session, Children's Hospital of Michigan, November 2016.
16. "Learning More from Research Data." Children's Hospital of Michigan Fellow Conference Nov. 8, 2017.
17. "Career in Clinical Research" NIH/NICHD Pediatric Critical Care and Trauma Scientist Development Program. Park City, Utah, Nov. 10, 2017.
18. Hutzler-Rives Memorial Lecture: Challenges of Clinical Research with Critically ill or Dying Children and Bereaved Families. Johns Hopkins Berman Institute of Bioethics, Baltimore, MD, April 23, 2018.
19. Research as a Standard of Care in the Pediatric Intensive Care Unit. Advocate Children's Hospital 5th Annual Pediatric Research and QI Symposium, Advocate Children's Hospital, Chicago, IL, May 17, 2018. (Dr. Meert served as quest speaker and visiting professor).
20. Outcome Measures in End-of-Life Care. World Federation of Pediatric Intensive and Critical Care Societies, Singapore, June 13, 2018.

21. How Can I Improve End-of-Life Care in My PICU? World Federation of Pediatric Intensive and Critical Care Societies, Singapore, June 13, 2018. (Panel Discussion)
22. Multicenter Research. Children's Hospital of Michigan Fellow Conference. March 10, 2021.
23. Research Ethics Panel Discussion. Central Michigan University virtual conference. Hosted by David Weindorf, PhD, Vice President for Research. March 12, 2021.
24. "Parental Health and Coping after Death of Child in PICU." Children's Hospital Wisconsin. Grand Rounds presentation. Sept, 2021.
25. "Parental Health and Coping after Death of Child in PICU." Cleveland Clinic Pediatric Critical Care Medicine Grand Rounds. January 12, 2022.
26. "NICHD Collaborative Pediatric Critical Care Research Network." CMU College of Medicine Seminar Series Bench to Bedside to Bench. June 14, 2022.
27. Sepsis in Children with Intellectual and Developmental Disabilities. Sepsis Alliance organization. February 2023.
28. "Career Path in Academic Medicine." Pediatric Academic Societies. April 26, 2025.
29. "Interviewing for a Faculty Position." CHM Fellows Conference. April 30, 2025.