

CURRICULUM VITAE

Tara L. Petersen MD, MSED

**Associate Professor
Department of Pediatrics
Division of Critical Care**

OFFICE ADDRESS:

Children's Wisconsin - Milwaukee Hospital
8915 W Connell Court
Milwaukee, WI 53226

EDUCATION:

08/1997 - 05/2001 Bachelor of Science (Biology), University of Wisconsin-Eau Claire, Eau Claire, WI
08/2002 - 06/2006 Medical Doctorate (M.D.), University of Wisconsin School of Medicine and Public Health, Madison, WI
08/01/2016 - 08/31/2018 Master's Degree: Scientist in Medical Education, University of Pennsylvania Graduate School of Education & Perelman School of Medicine, Philadelphia, PA

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/2006 - 06/2009 Resident, Department of Pediatrics, Perelman School of Medicine at the University of Pennsylvania, The Children's Hospital of Philadelphia, Philadelphia, PA
07/2009 - 06/2010 Chief Resident, Department of Pediatrics, Perelman School of Medicine at the University of Pennsylvania, The Children's Hospital of Philadelphia, Philadelphia, PA
07/2010 - 06/2013 Fellow, Department of Pediatrics, Division of Critical Care Medicine, Northwestern University Feinberg School of Medicine, Ann & Robert H. Lurie Children's Hospital of Chicago (Formerly Children's Memorial Hospital), Chicago, IL
01/2014 - Present Master Educators Program/Faculty Development in Primary Care - Family Medicine/Internal Medicine/ Pediatrics
01/2014 - 12/2015 Fellow: Master Educators Program/Faculty Development in Primary Care, Family Medicine/Internal Medicine/ Pediatrics Monthly seminar and project-based program to develop curricula for preceptors teaching early clinical learners., Funded by: U.S. Department of Health and Human Services (HRSA, The Medical College of Wisconsin, Milwaukee, WI
08/2014 Pediatric Critical Care Ultrasound Course, The Society of Critical Care Medicine, Chicago, IL
08/2015 - 05/2016 Medical College of Wisconsin (MCW) Leadership Academy: A Faculty Leadership Development Program, Selected through Department Chair nomination based on leadership experiences, abilities and contributions to MCW leadership., The Medical College of Wisconsin and The University of Wisconsin-Milwaukee Sheldon B. Lubar School of Business, Milwaukee, WI
03/2016 - 04/2018 Department of Pediatrics (DOP) Career Development Program: Phase 1, Department of Pediatrics, Selected by the Department of Pediatrics Chair and Executive Committee as 1 of 6 junior faculty members for the inaugural class of the DOP Career Development Program., The Medical College of Wisconsin, Milwaukee, WI
11/2017 Participant: Comprehensive Instructor in Medical Simulation Course, Institute for Medical Simulation (IMS), Harvard University, Boston, MA
04/2018 - 2020 Department of Pediatrics (DOP) Career Development Program: Phase 2, Department of Pediatrics, Selected by the DOP Executive Committee to participate in the second step of the Career Development Program (required nomination and endorsement from Section Chief as well as other faculty), The Medical College of Wisconsin, Milwaukee, WI

FACULTY APPOINTMENTS:

07/2009 - 06/2010 Clinical Instructor, Department of Pediatrics, Perelman School of Medicine, The

Children's Hospital of Philadelphia, Philadelphia, PA
08/2013 - 06/2019 Assistant Professor, Department of Pediatrics, Division of Critical Care, The Medical College of Wisconsin, Milwaukee, WI
10/2018 - Present Medical Director Simulation Center, Department of Pediatrics, Critical Care, Medical College of Wisconsin, Milwaukee, WI
06/2019 - Present Associate Professor, Department of Pediatrics, Critical Care, The Medical College of Wisconsin, Milwaukee, WI

ADMINISTRATIVE APPOINTMENTS:

2015 - 2018 Selected Co-Chair Enterprise Performance Management Investigation Team: Septicemia Care Process, Children's Wisconsin, Milwaukee, WI
2016 - Present Selected Co-Chair: Hospital Code Review Committee,, Children's Wisconsin, Milwaukee, WI
2016 - Present Selected Co-Chair: Hospital Code Review Committee, Children's Wisconsin, Milwaukee, WI
2018 - Present Cabinet Member, Section of Critical Care Leadership Council, Department of Pediatrics, The Medical College of Wisconsin, Milwaukee, WI

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

10/2013 - 06/2017 Clinical Educators Council Pathway Member, Discovery Curriculum, The Medical College of Wisconsin, Milwaukee, WI
07/2014 - 07/2018 Associate Program Director, Pediatric Critical Care Medicine Fellowship Program, Department of Pediatrics, Division of Critical Care Medicine, The Medical College of Wisconsin, Medical College of Wisconsin, WI
07/2014 - Present Director of Simulation Based Education: Pediatric Critical Care Medicine Fellowship Program, Department of Pediatrics, Critical Care, The Medical College of Wisconsin, Milwaukee, WI
08/2015 - Present Faculty Instructor, National Multi-Institutional Pediatric Critical Care Fellow Boot Camp, Washington University, St. Louis, MO
07/2017 - 06/2019 Clinical Clerkship Director, Physician Assistant Students, Pediatric Critical Care Medicine Rotation, Pediatrics and Programs from: Midwestern University, Downers Grove, Illinois Dominican University, River Forest, Illinois, Children's Wisconsin, Milwaukee, WI
08/2018 - 06/2022 Program Director, Pediatric Critical Care Medicine Fellowship, Pediatrics, Critical Care, The Medical College of Wisconsin, Milwaukee, WI
10/2018 - Present Medical Director: "Dairy Cares" Simulation Lab, Children's Hospital of Wisconsin, Milwaukee, WI
11/2019 - 06/2022 Co-Director: National Multi-Institutional Pediatric Critical Care Advanced Fellow Simulation Boot Camp, Medical College of Wisconsin and Children's Wisconsin, Milwaukee, WI
01/2021 - Present Medical Director: The Department of Pediatrics Simulation Program,, Section of Medical Education, The Medical College of Wisconsin, Milwaukee, WI
04/2022 - Present Vice Chair of Education: The Department of Pediatrics, Pediatrics, The Medical College of Wisconsin, Milwaukee, WI
2022 - Present Ex-officio Member:Education Subcommittee of the CSG (Children' Specialty Group) Academic Committee, The Medical College of Wisconsin, Milwaukee, WI
2022 - Present Member, Department of Pediatrics Executive Leadership Team, Pediatrics, Medical College of Wisconsin

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

07/2009 - 06/2010 Fellow, Children's Hospital of Philadelphia, Philadelphia, PA
08/2013 - Present Staff Physician, Critical Care, Children's Wisconsin, Milwaukee, WI

RESEARCH ADMINISTRATIVE APPOINTMENTS:

07/01/2014 - 06/30/2016 Scholarship Oversight Committee Chair for Matthew Oelstrom, Fellow, Pediatrics, Critical Care, The Medical College of Wisconsin, Milwaukee, WI
07/01/2014 - 06/30/2015 Scholarship Oversight Committee Chair for Binod Balakrishnan, Fellow, Pediatrics, Critical Care, The Medical College of Wisconsin, Milwaukee, WI
07/01/2014 - 06/30/2017 Scholarship Oversight Committee Chair for Steven Haasken, Fellow, Pediatrics, Critical Care, The Medical College of Wisconsin, Milwaukee, WI
07/01/2015 - 06/30/2017 Scholarship Oversight Committee member for Andrew Ausmus, Fellow, Pediatrics, Critical Care, The Medical College of Wisconsin, Milwaukee, WI

07/01/2015 - 06/30/2016 Scholarship Oversight Committee member for Nicholas Brown, Fellow, Pediatrics, Critical Care, The Medical College of Wisconsin, Milwaukee, WI
 07/01/2017 - 06/30/2018 Scholarship Oversight Committee Member- Erin Flynn, Fellow, Pediatrics, Critical Care, The Medical College of Wisconsin, Milwaukee, WI
 07/2017 - 06/30/2019 Scholarship Oversight Committee Member- Nital Patel, Pediatrics, Critical Care, The Medical College of Wisconsin, Milwaukee, WI
 07/01/2018 - 06/30/2021 Scholarship Oversight Committee Member- Palak Shah, Pediatrics, Critical Care, The Medical College of Wisconsin, Milwaukee, WI

HOSPITAL STAFF PRIVILEGES:

07/2009 - 06/2010 Children's Hospital of Philadelphia, 34th St and Civic Center Blvd, Philadelphia, PA 19104
 08/2013 - Present Children's Hospital of Wisconsin, 9000 W. Wisconsin Ave, Milwaukee, WI 53226

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
Pediatrics	10/2009	12/2024
Pediatric Critical Care Medicine	11/2014	12/2024

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
Instructor, Pediatric Fundamentals of Critical Care Support	Society of Critical Care Medicine	10/2013	10/2022
PALS	American Heart Association	10/2020	10/2024
Advanced Cardiac Life Support	American Heart Association		None

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin License	61162-20	10/31/2021	10/31/2023

AWARDS AND HONORS:

05/2006 Elected to Alpha Omega Alpha (AOA) Medical Honor Society, University of Wisconsin-Madison School of Medicine and Public Health
 05/2012 Fellow Teacher of the Year: Children's Memorial Hospital, Northwestern University Feinberg School of Medicine
 05/2013 Senior Fellow Clinical Research Project of the Year Award: Using Bloom's Taxonomy to Analyze the Utilization of Questions on Bedside Rounds, Ann & Robert H. Lurie Children's Hospital of Chicago, Northwestern University Feinberg School of Medicine
 11/2015 "Outstanding Teacher of Medical Students" Recognition Pin 2014-2015 Recipient, Medical College of Wisconsin
 08/2016 "Expert Clinician" Award: Department of Pediatrics, Medical College of Wisconsin
 08/2016 "Expert Teacher" Award: Department of Pediatrics, Medical College of Wisconsin
 11/2016 "Outstanding Teacher of Medical Students" 2015-16 recipient, Medical College of Wisconsin
 05/2017 "Expert Teacher": Department of Pediatrics, Medical College of Wisconsin
 05/2017 "Expert Clinician" Award: Department of Pediatrics, Medical College of Wisconsin
 07/2017 Outstanding Teacher of Residents 2016-2017; Department of Pediatrics; Highest award/honor given to a faculty member annually for excellence in medical education, Medical College of Wisconsin
 07/2017 David A Lewis, MD: Outstanding Advisor Award 2016-2017, Department of Pediatrics, Medical College of Wisconsin
 03/2018 "Expert Clinician" Award: Department of Pediatrics, Medical College of Wisconsin
 04/2018 "Expert Teacher" Award: Department of Pediatrics, Medical College of Wisconsin
 11/2018 "Top Doctors" selected, Milwaukee Magazine

11/2018 "Outstanding Teacher of Medical Students" , Medical College of Wisconsin
 05/2019 "Expert Clinician" Award: Department of Pediatrics, Medical College of Wisconsin
 05/2019 "Expert Teacher" Award: Department of Pediatrics, Medical College of Wisconsin
 01/2020 "Expert Clinician" Award, Department of Pediatrics, Medical College of Wisconsin
 01/2020 "Expert Teacher" Award Department of Pediatrics, Medical College of Wisconsin
 01/2020 "Master Clinician" Award, Department of Pediatrics, Medical College of Wisconsin
 01/2020 "Master Teacher" Award: Department of Pediatrics, Medical College of Wisconsin
 12/2020 Selected as Milwaukee Magazine "Top Doctors" 2020
 12/2021 Selected as Milwaukee Magazine "Top Doctors" 2021
 02/2022 The Ellen Rudy Clore Excellence in Scholarly Writing Award 2021, Journal of Pediatric Health Care

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

2002 - 2010 American Medical Association (Member)
 2006 - Present American Academy of Pediatrics (Member)
 2006 - Present Alpha Omega Alpha (AOA) Medical Honor Society (Member)
 2010 - Present Society of Critical Care Medicine (Member)
 2014 - Present Association of Pediatric Program Directors (APPD) (Member)
 2018 - Present International Pediatric Simulation Society (IPSS) (Member)
 2022 - Present Society of Simulation in Healthcare (SSH) (Member)

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2008 - 2010 Member, Intern Selection Committee, Children's Hospital of Philadelphia/Perelman School of Medicine at the University of Pennsylvania
 2009 - 2010 Member, Emergency Task Force, Children's Hospital of Philadelphia
 2009 - 2010 Co-Chair, Pediatric Grand Rounds Organizing Committee, Children's Hospital of Philadelphia
 2009 - 2010 Member, H1N1 Incident Command Center Committee, Children's Hospital of Philadelphia
 2009 - 2010 Member, MPEWS/CAT Team Review Committee, Children's Hospital of Philadelphia
 2009 - 2010 Member, Resuscitation Committee, Children's Hospital of Philadelphia
 2009 - 2010 Member, General Medical Education Committee, Children's Hospital of Philadelphia/Perelman School of Medicine at the University of Pennsylvania
 2009 - 2010 Event Planner/Organizer, Department of Pediatrics Grand Rounds Conference Series, Children's Hospital of Philadelphia/Perelman School of Medicine at the University of Pennsylvania
 2009 - 2010 Member, Transport Review Committee, Children's Hospital of Philadelphia
 2012 - 2013 Member, Code Review Committee, Ann & Robert H. Lurie Children's Hospital of Chicago
 2014 - 2017 Member, Clinical Educators Pathway Advisor Council, Medical College of Wisconsin
 2014 - 2015 Member, Enterprise Performance Management Investigation Team-Septicemia Care Process, Children's Hospital of Wisconsin
 2014 - 2015 Member, Residents as Teachers, Supervisors and Work Group, Medical College of Wisconsin
 2014 - Present Member, Program Evaluation Committee-Pediatric Critical Care Fellowship Program, Medical College of Wisconsin
 2014 - 2016 Member, EDTC to PICU Sepsis Collaborative, Children's Hospital of Wisconsin
 2014 - Present Member, Clinical Competency Committee-Pediatric Critical Care Fellowship Program, Medical College of Wisconsin
 2014 - 2016 Member, W5 Pediatric Intensive Care Unit Clinical Practice Committee, Children's Hospital of Wisconsin
 2015 - 2018 Member, Clinical Competency Committee-Pediatric Residency Program, Medical College of Wisconsin
 2015 - 2016 Co-Chair, Pediatric Critical Care Patient Distribution Work Group, Children's Hospital of Wisconsin
 2015 - 2018 Co-Chair, Enterprise Performance Management Investigation, Children's Hospital of Wisconsin
 2015 - 2016 Member, Transfer Process Improvement Team, Children's Hospital of Wisconsin
 2015 - 2018 Member, Program Evaluation Committee-Pediatric Residency Program, Medical College of Wisconsin
 2016 - 2018 Member, Department of Pediatrics Infectious Disease Section Chief Search Committee, Medical College of Wisconsin
 2016 - Present Co-Chair, Emergent Events Committee, Children's Hospital of Wisconsin
 2016 - Present Member, System Mortality Review Team, Children's Hospital of Wisconsin

2016 - 2018 Faculty Interviewer, Intern Selection Committee-Pediatric Residency Program, Department of Pediatrics, Medical College of Wisconsin
 2016 - Present Member, Pediatric Critical Care (PICU) Code Review Committee, Children's Hospital of Wisconsin
 2016 - Present Co-Chair, Hospital Code Review Committee, Children's Hospital of Wisconsin
 2018 - Present Member, Medical College of Wisconsin General and Community Pediatrics Division Chief Search Committee, Medical College of Wisconsin

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2014 - 2015 Co-Chair, Faculty Development Special Interest Group, American Association of Medical Colleges Central Group on Educational Affairs
 2016 - 2018 Site Co-Chair, Coordinating Council, Improving Pediatric Sepsis Outcomes, Children's Hospital Association
 2016 - 2018 Member, Improving Pediatric Sepsis Outcomes Collaborative, Children's Hospital Association
 2017 - Present Member, The Pediatric Resuscitation Quality Collaborative (pediRES-Q)
 2019 - Present Member, Education in Pediatric Intensive Care (E.P.I.C.) Research Collaborative
 2020 - 2021 Member, OPEN Pediatrics Pediatric Critical Care Program Director Leadership Council
 2021 - Present Selected National Mentor, Pediatric Critical Care National Mentorship Program: GUARDIANS, Sponsored by the Pediatric Executive Committee of the Society of Critical Care Medicine (SCCM)
 2022 - Present Selected representative by the American Board of Pediatrics Section of Critical Care (ABP-SOCC), Milestones 2.0 Workgroup, Accreditation Council for Graduate Medical Education (ACGME)
 2022 - Present Member, Pediatric Subspecialty Milestones 2.0 Workgroup Accreditation Council for Graduate Medical Education (ACGME)

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title: American Academy of Pediatrics (AAP):
Section on Critical Care Small Grant
Award
 Source: American Academy of Pediatrics (AAP)
 Role: Primary Investigator (PI)
 PI: Tara Petersen, MD, MEd
 Dates: 07/01/2015 - Present
 Direct Funds: \$3,000

Title: Utilizing the Milestones: Assessment of
a Trainee's Awareness and Practice of
Cost-Effective Medicine
 Source: Medical College of Wisconsin
Department of Pediatrics, Division of
Critical Care Medicine MCW IRB:
PRO00024602
 Role: Principal Investigator
 PI: Tara Petersen, MD, MEd
 Dates: 2015 - Present

Title: Department of Pediatrics Internally
Funded Research Grant
 Source: Children's Hospital of Wisconsin:
Department of Pediatrics
 Role: Primary Investigator (PI)
 PI: Tara Petersen, MD, MEd
 Dates: 07/01/2016 - Present
 Direct Funds: \$9,500

Title:	Laerdal Medical Simulation Grant Award
Source:	International Nursing Association for Clinical Simulation and Learning (INACSL)
Role:	Co-Primary Investigator (co-PI)
Dates:	12/17/2018 - Present
Direct Funds:	\$1,000
Title:	Cerebral Oximetry During Pediatric In-hospital Cardiac Arrest
Source:	pediRES-Q (Pediatric Resuscitation Quality Collaborative) International Research Collaborative
Role:	Site Study Investigator
Dates:	2019 - Present
Title:	Virtual Recruitment and Interviewing 2020: The National Pediatric Subspecialty Fellowship Director Experience
Source:	E.P.I.C (Education in Pediatric Intensive Care) Investigators National Research Collaborative and Collaboration with CoPS (National Council of Pediatric Subspecialties) and APPD (American Pediatric Program Directors)
Role:	Study Principal Investigator (Multi-Institutional Study)
Dates:	2020 - Present
Title:	Measuring Workload of Code Team Members During Actual Pediatric In-Hospital Events Requiring Cardiopulmonary Resuscitation
Role:	Study Investigator
Dates:	2020 - Present
Title:	Central Venous Catheter Insertion Competency in Pediatric Critical Care Medicine Fellows
Source:	E.P.I.C (Education in Pediatric Intensive Care) Investigators National Research Collaborative
Role:	Site Primary Investigator
Dates:	2021 - Present
Title:	Improving Resident Education in the Pediatric Intensive Care Unit
Source:	E.P.I.C (Education in Pediatric Intensive Care) Investigators National Research Collaborative
Role:	Site Primary Investigator
Dates:	2022 - Present

Non-Peer Review

Title: Pediatric Resuscitation Program
Source: Wisconsin "Dairy Cares" Foundation
Role: Institutional Program Co-Steward
Dates: 07/01/2020 - Present
Direct Funds: \$330,000 (\$290,000 in 2020 (annual fundraiser) \$330,000 in 2021 (annual fundraiser))

Title: "A Good Day for Kids" Pediatric Resuscitation Training Grant
Source: Orbis Corporation Foundation
Role: Program Lead/Foundation Steward
Dates: 08/2021 - Present
Direct Funds: \$230,000 (Annual Award - 2021: \$193,000 2022: \$230,000)

Prior
Peer Review

Title: Prospective, Qualitative Study of Resident Education in the Era of Work-Hour Restriction
Source: Northwestern University Feinberg School of Medicine Department of Pediatrics, Division of Critical Care Medicine Mentor: Melissa Brannen, MD MEd
Role: Principal Investigator
PI: Tara Petersen, MD, MEd
Dates: 2010 - 2013

Title: Department of Pediatrics Internally Funded Research Grant
Source: Children's Hospital of Wisconsin: Department of Pediatrics
Role: Primary Investigator (PI)
PI: Tara Petersen, MD, MEd
Dates: 07/01/2015 - 06/30/2016
Direct Funds: \$8,203

Title: Multicenter Analysis of Emergency Department Utilization After Fontan Palliation
Source: Children's Hospital of Wisconsin; Department of Pediatrics, Division of Critical Care Medicine CHW IRB: 783385-1
Role: Site Principal Investigator
Dates: 2015 - 2019

Title: Before Rotation Introductory Essentials for Faculty (BRIEF)
Source: Medical College of Wisconsin MCW IRB: PRO00025492
Role: Project Team Member
PI: Mary Ann Gilligan, MD
Dates: 2015 - 2016

Title:	Perceptions Surrounding Fellow Competency in Performance of the Brain Death Exam: A National Survey of Training Programs
Source:	Medical College of Wisconsin Department of Pediatrics, Division of Critical Care Medicine MCW IRB: PRO00025270
Role:	Faculty Research Mentor
PI:	Andrew Ausmus, MD
Dates:	2015 - 2018
Title:	Multicenter Analysis of Central Line Use and Safety in the Critically Ill Child CHW IRB: 881343-1
Source:	Medical College of Wisconsin Department of Pediatrics, Division of Critical Care Medicine
Role:	Faculty Research Mentor
PI:	Nital Patel, DO
Dates:	2016 - 2019
Title:	Comparison of Complication Rates in Central Lines vs. Peripherally Inserted Central Catheters
Source:	Medical College of Wisconsin Department of Pediatrics, Division of Critical Care Medicine
Role:	Faculty Research Mentor
PI:	Patrick Noonan, DO
Dates:	2016 - 2018
Title:	Vasoactive Infusion Score (VIS) as a Predictor of Pediatric Sepsis Outcomes
Source:	Medical College of Wisconsin Department of Pediatric, Division of Critical Care Medicine
Role:	Faculty Research Mentor
PI:	Palak Shah, DO
Dates:	2018 - 2022
Title:	Advanced Practice Provider Leadership of Rapid Response Events: A Needs Assessment for Educational Curriculum
Source:	Medical College of Wisconsin Department of Pediatrics, Division of Critical Care Medicine CHW IRB: 2018-67
Role:	Co-Principal Investigator
Dates:	2018 - 2021
Title:	Influence of Fluid Balance on Morbidity and Mortality of Pediatric Patients Treated with Extracorporeal Membrane Oxygenation
Source:	Medical College of Wisconsin

	Department of Pediatrics, Division of Critical Care Medicine
Role:	Study Investigator
Dates:	2018 - 2022

Non-Peer Review

Title:	(1) The role of immunomodulators in renal allograft tolerance (2) Clinical trial: The use Alemtuzmab (Campath)in Renal Transplantation
Source:	University of Wisconsin School of Medicine and Public Health, Department of Surgery, Division of Transplant Medicine
Role:	Research Assistant
PI:	Mentors: Stuart Knechtle, MD and Clifford Cho, MD
Dates:	2001 - 2002

Title:	Pediatric Critical Care Ultrasound Course (Education Travel Grant)
Source:	Marcdante Educational Fund
Role:	Institutional Education Leader
Dates:	08/17/2014 - 08/18/2015
Direct Funds:	\$2,800

Title:	Pediatric Critical Care Simulation for Trainees Grant
Source:	Wisconsin Dairy Cares
Role:	Institutional Program Lead
Dates:	07/01/2017 - 06/30/2018
Direct Funds:	\$13,000

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Petersen TL, "The Use of Questions on Bedside Rounds," Master Educators Faculty Development in Primary Care, Medical College of Wisconsin, Milwaukee, WI, 04/14/2014

Pickett M, Meyer MT, Petersen TL, Pediatric Sepsis Case Review and Management in the Emergency Department, Pediatric Emergency Medicine Multidisciplinary Conference, Children's Hospital of Wisconsin: Milwaukee, WI, 06/18/2014

Petersen TL, "The Utilization of Questions as a Teaching and Assessment Tool on Bedside Rounds", Residents as Teachers/Supervisors/Leaders Conference, Children's Hospital of Wisconsin, Milwaukee, WI, 10/06/2014

Petersen TL, Bluemel TS, Duthie E, "Bedside Teaching – the Role of Asking Questions.", Clinical Educators Pathway Workshop, Medical College of Wisconsin, Milwaukee, WI, 02/12/2015

Petersen TL, Marcadante K, "Creating a Sustainability Plan in Scholarly Projects.", Clinical Educators Pathway Workshop, Medical College of Wisconsin, Milwaukee, WI, 03/26/2015

Petersen TL, Mahr R, Duthie E, "Bedside Teaching: How to Teach and Assess by Asking Questions.", Clinical Educators Pathway Workshop., Medical College of Wisconsin: Milwaukee, WI, 02/02/2016

Petersen TL, Holland K, Kaucic M, Lee KJ, Pigina O., Process Improvement through Intra-Institutional Collaboration: Transition of Medically Complex Pediatric Patients.", Medical College of Wisconsin Leadership Academy Capstone Presentation Day., Milwaukee, WI, 05/04/2016

Petersen TL, Rodgers A, Shuh A, Pearce J, "Faculty Development in Medical Simulation: Session 1: Stages of a Simulation: From Pre-Brief to Debrief.", Department of Pediatrics Lunch and Learn Faculty Development Lecture, Medical College of WI, Milwaukee, WI, 06/05/2019

McDermott K, Pearce J, Shuh A, Rodgers A, Petersen TL., "Simulation Curriculum Development.", Medical

National

- Petersen TL, Redfern W, Gray MP, "Data: How To...EMR-Enabled Screening.", Children's Hospital Association (CHA) Improving Pediatric Sepsis Outcomes (IPSO) Collaborative Meeting and Workshop, Chicago, IL, 06/19/2017 - 06/20/2017
- Petersen TL, "Utilizing Diagnostic Point of Care Ultrasound at the Bedside: An Adjunct to the Critical Care of Our Pediatric Patients.", Neonatal, Critical Care and Anesthesia 2017 Ultrasound Course, Children's Hospital of Philadelphia (CHOP), Philadelphia, PA, 11/18/2017 - 11/19/2017
- Petersen TL, "Bedside Ultrasound Utilization in Cardiac Arrest.", Neonatal, Critical Care and Anesthesia 2017 Ultrasound Course, Children's Hospital of Philadelphia, Philadelphia, PA, 11/19/2017
- Petersen TL, Manga A, Nadkarni V, "Pediatric Shock: A Case Based Discussion." Invited Lecture, First Year Pediatric Critical Care Fellow Simulation Bootcamp, Washington University, St. Louis, MO, 07/2019

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

Regional

- Petersen TL. Oral Platform Presentation., "An Analysis of Teaching on Bedside Rounds: How Are We Doing?" Oral Platform Presentation, Medical College of Wisconsin Innovations in Medical Education Conference, Milwaukee, WI, 04/23/2015
- Maatman TC, Petersen TL, Griesbach S, Kusch J, Mitchell J., "Utilizing a Video Profile for Early Clinical Learners Entering their First Clinical Experience." Oral Presentation, Society for General Internal Medicine (SGIM) Regional Conference, Cleveland, OH, 08/27/2015 - 08/28/2015
- Kusch J, Maatman TC, Griesbach S, Petersen TL, Gilligan MA, "Enhancing Medical Education for Early Clinical Learners Through Before Rotation Introductory Essentials for Faculty (BRIEF)." Poster presentation, The Medical College of Wisconsin Research Day, Milwaukee, WI, 10/09/2015
- Ausmus A, Petersen TL (faculty research mentor), "Brain Death Education in Pediatric Critical Care Medicine Fellowships: A National Perspective." Poster Presentation, Medical College of Wisconsin Fellow Research Day, Milwaukee, WI, 04/12/2016
- Rood, C, Cater D, Waslawski SF, Petersen TL (faculty research mentor), Cashen K, Mastropietro CW, "Emergency Department Utilization After Fontan Palliation." Oral Presentation, Midwest Pediatric Cardiology Society (MWPCS) Annual Meeting, Madison, WI, 09/15/2016 - 09/16/2016
- Ausmus A, Simpson P, Petersen TL (faculty research mentor), "National Survey of Critical Care Fellows Experience and Education Surrounding the Brain Death Exam." Poster Presentation, Medical College of Wisconsin Fellow Research Day, Milwaukee, WI, 04/11/2017
- Noonan P, Hanson SJ, Simpson P, Petersen TL (faculty research mentor)., "Comparing Complication Rates in Central Venous Catheters (CVC) Versus Peripherally Inserted Central Catheters (PICC)." Poster Presentation., Medical College of Wisconsin Fellow Research Day, Milwaukee, WI, 04/11/2017
- Petersen TL, "Can the EHR help us recognize sepsis in real time? The CHW experience." Podium Presentation, . Pediatric Critical Care Regional Meeting. University of Wisconsin-Madison School of Medicine and Public Health, Madison, WI, 05/23/2018
- Shah P, Petersen TL, Yan K, Zhang L, Thompson NE, Vasoactive-Inotrope Scores in Pediatric Sepsis.", Best Practices in Pediatrics Annual Conference, Wisconsin Dells, WI, 03/05/2020 - 03/07/2020
- Snooks KC, Meyer MT, Petersen TL., Creation of a Resource Website for COVID-19 Collaboration and Education, Poster Presentation. Pediatric Critical Care Regional Meeting. Gunderson Lutheran Hospital System La Crosse, WI, (Virtual), 04/09/2021 - Present

National

- Scheunemann TL, Heitmann D, Carello C, "How Body Size Affects Metabolic Efficiency and Lower Limb Joint Kinematics" Poster Presentation, Society for Integrative and Comparative Biology Annual Convention, Chicago, IL, 01/03/2001 - 01/07/2001
- Scheunemann TL, Carello C, "The Effects of Surface Grades on Joint Kinematics During Running" Poster Presentation, National Conference on Undergraduate Research, Lexington, KY, 03/15/2001 - 03/17/2001
- Petersen TL, Ryan CB, Brannen ML, "Resident Education in 2012: A Prospective Observational Study of PICU Rounds and Perceptions Survey," Poster Presentation, Pediatric Academic Societies (PAS)

Annual Meeting, Washington DC, 05/04/2013 - 05/07/2013

Petersen TL,, "Utilizing Bloom's Taxonomy in the Assessment of Trainees on Bedside Rounds" Oral Platform Presentation, Association of American Medical Colleges (AAMC): Central Group on Educational Affairs (CGEA) Conference, Cleveland, OH, 03/27/2014 - 03/29/2014

Petersen TL, Lindemann J, Marcdante K, "Improving Resident and Faculty Questioning during Bedside Teaching" Workshop Presentation, Association of American Medical Colleges (AAMC): Central Group on Educational Affairs (CGEA) Conference, Cleveland, OH, 03/27/2014 - 03/29/2014

Petersen TL, Marcdante K, Bergl P, Chan E, Kusch J, Mitchell J, Jackson T, Meurer L, Morzinski J, Simpson D, "Identifying M1-2 Preceptor Development Needs at a Time of Health Care Transformation." Poster Presentation, Association of American Medical Colleges (AAMC): Joint Meeting (CGEA/CGSA/COSR), Columbus, OH, 04/09/2015 - 04/12/2015

Marcdante K, Petersen TL, Gedeit R, "Dealing with Workplace Bullies: You can make a difference!" Workshop Presentation, Association of American Medical Colleges (AAMC): Joint Meeting (CGEA/CGSA/COSR), Columbus, OH, 04/09/2015 - 04/12/2015

Simpson D, Petersen TL, Rivera K, Marcdante K, "Exploring How Medical Students Can Add Value during Clinical Experiences" Small Group Presentation, Association of American Medical Colleges (AAMC): Joint Meeting (CGEA/CGSA/COSR), Columbus, OH, 04/09/2015 - 04/12/2015

Kusch J, Maatman TC, Griesbach S, Petersen TL, Mitchell J, "Before Rotation Introductory Essentials for Faculty (BRIEF): Using Technology to Improve Experiences of Early Clinical Learners. Oral Presentation, Society of Teachers in Family Medicine (STFM) National Conference on Medical Student Education, Phoenix, AZ, 01/28/2016 - 01/31/2016

Bone M, Petersen TL, Van Der Velden M, "Improving Teaching Skills Through Peer Mentoring." Workshop Presentation., Association of Pediatric Program Directors (APPD) Forum for Fellowship Directors, Baltimore, MD, 04/29/2016

Gray M, Petersen TL, Drendel A, McArthur J, Ciener D, Redfern WS, "Improving Guideline Based Care of Children with Fluid Refractory Septic Shock." Poster Presentation, Pediatric Academic Societies (PAS) Annual Meeting, Baltimore, MD, 04/30/2016 - 05/03/2016

Petersen TL, Atwood D, Siegel K, Murkowski K, Marcdante K, "Analysis of Education Surrounding Cost Effective Medicine on Bedside Rounds." Oral Platform Presentation, American Academy of Pediatrics (AAP) National Conference & Exhibition, San Francisco, CA, 10/22/2016 - 10/25/2016

Ausmus A, Petersen TL (faculty research mentor), "Experience of United States Pediatric Critical Care Medicine Fellows with Brain Death Examinations." Poster Presentation, American Academy of Pediatrics (AAP) National Conference & Exhibition, San Francisco, CA, 10/22/2016 - 10/25/2016

Cashen K, Petersen T, Cater D, Waslawski S, Rood C, Mastropietro C, "Multicenter Analysis of Emergency Department Utilization after Fontan Palliation." Poster Presentation, Pediatric Cardiac Intensive Care Society (PCICS) National Meeting, Miami, FL, 12/08/2016 - 12/11/2016

Noonan P, Hanson SJ, Simpson P, Petersen TL (faculty research mentor), "Comparing Complication Rates in Central Lines Versus Peripherally Inserted Central Catheters." Research Snapshot Presentation, Society of Critical Care Medicine 2017 Congress, Honolulu, HI, 01/21/2017 - 01/25/2017

Ausmus A, Simpson P, Petersen TL (faculty research mentor),). "A Needs Assessment of Brain Death Education in Pediatric Critical Care Medicine Fellowships." Research Snapshot Presentation. **Abstract awarded the SCCM Gold Snapshot Award. This award is intended to recognize excellence in critical care research and the top ten scoring abstracts are considered for the award, Society of Critical Care Medicine 2017 Congress, Honolulu, HI, 01/21/2017 - 01/25/2017

Marcdante KW, Petersen TL, Bergstrom C, Riddle J, "Using Peer Coaching to Improve Your Teaching." Workshop Presentation, Association of American Medical Colleges (AAMC): Joint Meeting (CGEA/CGSA/COSR), Chicago, IL, 03/29/2017 - 03/31/2017

Marcdante KW, Petersen TL, Bone M, Mason K, "How do I Improve as a Teacher? Peer Coaching may be the Answer!" Workshop Presentation, Pediatric Academic Societies (PAS) Annual National Meeting, San Francisco, CA, 05/06/2017 - 05/09/2017

Cater D, Cashen K, Petersen TL, Waslawski S, Rood C, Mastropietro C, "Emergency Department Utilization After Fontan Palliation." Poster Presentation, Pediatric Academic Societies (PAS) Annual National Meeting, San Francisco, CA, 05/06/2017 - 05/09/2017

Rajapreyar P, Andres J, Matuszak A, McDermott K, Gray C, O'Brien K, Petersen TL, Wakeham M, Gedeit R, Development of Standardized Clinical Assessment and Management Plan for Pediatric ARDS, Society of Critical Care Medicine's 47th Critical Care Congress, San Antonio, TX, 02/28/2018

Patel N, Petersen TL (co-faculty research mentor), Feng M, Simpson P, Hanson SJ, Complication Rates of

- Central Venous Catheter Types in Critically Ill Children, Society of Critical Care Medicine's 48th Critical Care Congress, San Diego, CA, 02/17/2019 - 02/20/2019
- McDermott K, Schindler C, Olson K, Petersen TL, Interprofessional Team Leaders? Nurse Practitioner's Perceptions of Themselves as Leaders. (presented via web-based platform due to COVID-19 Pandemic), The National Organization of Nurse Practitioner Faculties 46th Annual Conference, Chicago, IL, 04/22/2020 - 04/26/2020
- Esangbedo ID, Rajapreyar R, Kirschen M, Hanna R, Niles DE, Zhang X, Griffis HM, Francoeur C, Wakeham MK, Petersen TL, Topjian AA, Nadkarni VM, Raymond TT., Cerebral Oximetry During Pediatric In-hospital Cardiac Arrest, American Heart Association Resuscitation Science Symposium (ReSS) 2020, A Virtual Event, 11/14/2020 - 11/16/2020
- McDermott K, Schindler C, Petersen TL., A Virtual Approach to Performing a Needs Assessment for Simulation-Based Education., The International Pediatric Simulation Symposia and Workshops (IPSSV2021), A Virtual Experience, 09/17/2021 - 09/19/2021
- Rosenblatt S, Schuette J, Zurca A, Mason K, Mink R, Tchamitchi H, Whalen A, Good R, King JC, Albert B, Derespina K, Srinivasan S, Petersen T, Levin A, Turner D, Nielsen K, Poepelman R, Coronado Munoz AJ, Munoz Pareja JC, Werner J, Boyer D., Validity Evidence for a Central Line Insertion Competency Checklist for Pediatric Critical Care Fellows and Its Association to Entrustment and Global Rating Scales., Pediatric Academic Societies (PAS) Annual National Meeting, Denver, CO, 04/21/2022 - 04/25/2022
- Stiles S, McDermott KL, Petersen TL., QGenda for Hospital-Based Simulation Center Scheduling: Transparency and Data Management., International Nursing Association for Clinical Simulation and Learning (INACSL) National Conference 2022, Milwaukee, WI, 06/2022
- Pfister JK, McDermott KL, Rajapreyar P, Schindler CA, Petersen TL (research mentor)., Introduction of an Interprofessional Simulation Into a Transport Medicine Curriculum, International Nursing Association for Clinical Simulation and Learning (INACSL) National Conference 2022, Milwaukee, WI, 06/2022
- Pfister JK, McDermott KL, Rajapreyar P, Schindler CA, Petersen TL (research mentor)., Feasibility of Experiential Consistency Within an Interfacility Transport Medicine Rotation., The American Academy of Pediatrics (AAP) National Conference and Exhibition. Oral Presentation, Anaheim, CA, 10/07/2022 - 10/11/2022
- Roman A, Petersen TL, McDermott K, Rajzer K, Szadkowski A, Rajapreyar P, Scanlon M., Measuring Workload During Actual Pediatric Resuscitation Events: A Pilot Study, Society of Critical Care Medicine Congress 2023. Research Snapshot Presentation, San Francisco, CA, 01/21/2023 - 01/24/2023
- Rosenblatt S, Zurca A, Mink R, Albert B, Coronado-Munoz AJ, Derespina K, Good R, Kind JC, Levin A, Nielsen K, Munoz J, Petersen TL, Poepp R, Srinivasan S, Tchamitchi M, Turner D, Werner J, Schwartz A, Boyer DL., Validity Evidence for a CVC Insertion Competency Checklist for Pediatric Critical Care Fellows., Society of Critical Care Medicine Congress 2023. Research Snapshot Presentation., San Francisco, CA, 01/21/2023 - 01/24/2023

International

- McDermott K, Petersen TL, Nurse Practitioners as Rapid Response Team Leaders: Using Simulation to Promote Role Congruity and Leadership Self-Identification., The International Pediatric Simulation Symposia and Workshops (IPSSW) April 26-29, 2020 (rescheduled to October 23-26 due to the COVID-19 Pandemic)., St. Petersburg, FL, 10/23/2020 - 10/26/2020
- McDermott K, Schindler C, Olson K, Petersen TL, Nurse Practitioners as Rapid Response Team Leaders: Using Qualitative Methods in Simulation Design, International Pediatric Simulation Symposia and Workshops (IPSSV2020), A virtual experience, 10/23/2020 - 10/26/2020
- Henningfeld J, Flanagan G, Graf D, Griffith C, Jacobson H, Kump T, Lynn J, Meyer MT, Molkentine L, Petersen TL, Wade T, Yan K, Zhang L, Lang C., Simulation Training in Pediatric Tracheostomy and Home Ventilator Population., The 2022 American Thoracic Society (ATS) International Conference. Oral Presentation, San Francisco, CA, 05/13/2022 - 05/18/2022
- Pfister JK, McDermott KL, Rajapreyar P, Schindler CA, Petersen TL (research mentor)., There is No "I" in Team...Unless it is an IPE Simulation for Interfacility Transport, The International Pediatric Simulation Symposia and Workshops (IPSSW2020)., St. Petersburg, FL, 06/10/2022 - 06/13/2022

COMMITTEE SERVICE:

Medical College of Wisconsin

- 2014 - 2017 Member, Clinical Educators Pathway Advisory Council, Medical College of Wisconsin
- 2014 - Present Member, Clinical Competency Committee-Pediatric Critical Care Fellowship, Critical Care, Department of Pediatrics, Medical College of Wisconsin
- 2014 - 2015 Member, Residents as Teachers, Supervisors and Leaders Work Group, Department of Pediatrics, Medical College of Wisconsin
- 2014 - Present Member, Program Evaluation Committee-Pediatric Critical Care Fellowship Program, Critical Care, Department of Pediatrics, Medical College of Wisconsin
- 2015 - 2018 Member, Clinical Competency Committee-Pediatric Residency Program, Department of Pediatrics, Medical College of Wisconsin
- 2015 - 2018 Member, Program Evaluation Committee-Pediatric Residency Program, Department of Pediatrics, Medical College of Wisconsin
- 2016 - 2018 Member, Pediatric Infectious Disease Section Chief Search Committee, Department of Pediatrics, Medical College of Wisconsin
- 2016 - 2018 Faculty Interviewer, Intern Selection Committee-Pediatric Residency Program, Department of Pediatrics, Medical College of Wisconsin
- 2018 - 2020 Member, The Medical College of Wisconsin General and Community Pediatrics Division Chief Search Committee, Medical College of Wisconsin
- 2019 - Present Member, The Nelson's Team: Pediatric Undiagnosed and Rare Disease Program., Medical College of Wisconsin

Hospital

- 2008 - 2010 Member, Intern Selection Committee, Children's Hospital of Philadelphia/Perelman School of Medicine at the University of Pennsylvania
- 2009 - 2010 Member, Transport Review Committee, Children's Hospital of Philadelphia
- 2009 - 2010 Co-Chair, Pediatric Grand Rounds Organizing Committee, Children's Hospital of Philadelphia
- 2009 - 2010 Member, Emergency Task Force, Children's Hospital of Philadelphia
- 2009 - 2010 Member, H1N1 Incident Command Center Committee, Children's Hospital of Philadelphia
- 2009 - 2010 Member, General Medical Education Committee, Children's Hospital of Philadelphia/Perelman School of Medicine at the University of Pennsylvania
- 2009 - 2010 Member, Resuscitation Committee, Children's Hospital of Philadelphia
- 2009 - 2010 Member, MPEWS/CAT Team Review Committee, Children's Hospital of Philadelphia
- 2012 - 2013 Member, Code Review Committee, Ann & Robert H. Lurie Children's Hospital of Chicago
- 2014 - 2016 Member, EDTC to PICU Sepsis Collaborative, Children's Hospital of Wisconsin
- 2014 - 2015 Member, Enterprise Performance Management Investigation Team-Septicemia Care Process, Children's Hospital of Wisconsin
- 2014 - Present Member, Education in Pediatric Intensive Care (E.P.I.C.)
- 2014 - 2016 Member, W5 Pediatric Intensive Care Unit Clinical Practice Committee, Children's Hospital of Wisconsin
- 2015 - 2018 Co-Chair, Enterprise Performance Management Investigation Team-Septicemia Care Process, Children's Hospital of Wisconsin
- 2015 - 2016 Member, Transfer Process Improvement Team, Children's Hospital of Wisconsin
- 2015 - 2016 Co-Chair, Pediatric Critical Care Patient Distribution Work Group, Children's Hospital of Wisconsin
- 2016 - 2018 Member, Improving Pediatric Sepsis Outcomes (IPSO) Collaborative, Children's Hospital Association(CHA)
- 2016 - Present Co-chair, Hospital Code Review Committee, Children's Hospital of Wisconsin
- 2016 - Present Member, Pediatric Critical Care (PICU) Code Review Committee, Children's Hospital of Wisconsin
- 2016 - Present Co-chair, Emergent Events Committee, Children's Hospital of Wisconsin
- 2016 - Present Member, System Mortality Review Team, Children's Hospital of Wisconsin
- 2017 - Present Member, The Pediatric Resuscitation Quality Collaborative (pediRES-Q)
- 2018 - Present Operations Leadership Team, Dairy Cares of Wisconsin Simulation Lab

MEDICAL COLLEGE TEACHING ACTIVITIES:

Medical Student Education

2013 - 2014 History and Physical Exam Advisor: Medical Students Pediatric Clerkship
2014 - 2018 Instructor and Small Group Facilitator, Clinical Educator Pathway
03/2017 Invited Lecturer Respiratory Physiology MS4 Elective: "Pediatric ARDS"

Resident and Fellow Education

06/2014 - 2019 Faculty Mentor/Facilitator: Pediatric Resident and Acute Care Nurse Simulated Management of Critical Situations (SMOCs), Instruct 3-4 one-hour long sessions per year
07/2014 Instructor: Critical Care Fellow Orientation Procedure Workshop: Bedside Ultrasound, Vascular Access and Airway Skills
11/2014 Invited Instructor: Pediatric Resident Board Review Conference Series "Guest Content Expert"
2014 - Present Faculty Coordinator and Instructor: Pediatric Critical Care Fellow Simulation Education Series, lead 9-13 90-minute sessions annually
06/2015 - 2019 Faculty Instructor: Pediatric Resident Mock Codes, lead 1-3 four-hour long sessions annually
07/2015 Instructor: Critical Care Fellow Orientation Procedure Workshop, Bedside Ultrasound, Vascular Access and Airway Skills
07/2015 Instructor: Pediatric Intern Orientation Procedure Workshop Airway Skills Station
02/2017 Faculty Instructor: Code Blue and Team Leadership. Pediatric Intern Retreat: Presentation and Small Group Sessions
02/2018 Faculty Instructor: Code Blue and Team Leadership. Pediatric Intern Retreat
02/2018 Invited Instructor for Pediatric Resident Board Review Conference Series "Guest Content Expert"
09/2018 Faculty Instructor: Fellows as Teachers Internal Medicine Critical Care Simulation Bootcamp
11/08/2019 - 11/10/2019 Co-Director and Instructor: The Sadie Abel Advanced Critical Care Fellow Simulation Boot Camp
03/01/2022 - 03/02/2022 Co-Director and Instructor: Advanced Critical Care Fellow Simulation Bootcamp (Hybrid Virtual/In-Person)

Continuing Medical Education

12/03/2014 Rajapreyar P, Petersen TL. "Airway Pressure Release Ventilation (APRV) for the Critical Care Practitioner," Critical Care Medicine CME Conference
06/24/2015 "Utilization of Point of Care Ultrasound for the Pediatric Intensivist." Critical Care Medicine CME Conference
10/23/2020 "Simulation Curriculum Development." DOP Faculty Development in Medical Simulation Lecture Series; Presenters: Petersen TL, Pearce J, McDermott K, Rogers A, Schuh A.
12/11/2020 "Modalities in Medical Simulation." DOP Faculty Development in Medical Simulation Lecture Series; Petersen TL, Pearce J, McDermott K, Rogers A, Schuh A.

EXTRAMURAL TEACHING:

Community/Lay Public

06/16/2016 Children's Hospital of Wisconsin, Faculty Physician Presenter: Children's Med School 101: Simulation Center Event for the Children's Circle of Care
2016 - Present Children's Hospital of Wisconsin, Faculty Physician Presenter: Children's: Experience the Mission, 7-10 30-minute sessions annually
2016 - 2019 Children's Hospital of Wisconsin, Faculty Physician Presenter: "Children's: Experience the Mission" Immersive Patient Experience Event for Children's Hospital of Wisconsin Foundation Members, 3-hour long simulation session annually
2020 - Present Children's Wisconsin, Medical Simulation at Children's Wisconsin Annual presentations to The Dairy Cares of Wisconsin Foundation (CW Foundation Donor).
04/13/2021 American Academy of Pediatrics Wisconsin Delegation Member for the Advocacy Symposium "Day on the Hill." Met with Congressmen and Congresswomen to advocate for Bill HR2347 which strengthens the Vaccine for Children Program and addresses the 11 million routine childhood vaccines missed in 2020
2021 - Present Children's Wisconsin, Medical Simulation and Pediatric Resuscitation; Invited speaker at the Annual Good Day for Kids Fundraising Event sponsored by the Orbis/Menasha Corporation (CW Foundation Donor).

Medical Student Education

2009 Perelman School of Medicine at the University of Pennsylvania, Invited Speaker
2010 Northwestern University Feinberg School of Medicine, Pediatric Interest Group: Invited Speaker
2010 Northwestern University Feinberg School of Medicine, Instructor: Problem Based Learning Course

Resident and Fellow Education

2009 - 2010 The Children's Hospital of Philadelphia/Perelman School of Medicine at the University of Pennsylvania, Co-Chair: Resident Morning Report Conference Series
2009 - 2010 The Children's Hospital of Philadelphia/Perelman School of Medicine at the University of Pennsylvania, Co-Chair: Resident Noon Conference Lecture Series
2010 - 2013 Ann & Robert H. Lurie Children's Hospital of Chicago/Northwestern University Feinberg School of Medicine, Chair of Curriculum Design: Critical Care Resident Lecture Series
2011 Ann & Robert H. Lurie Children's Hospital of Chicago/Northwestern University Feinberg School of Medicine, Invited Instructor: Pediatric Resident Board Review Conference Series
07/15/2016 - 07/17/2016 Washington University, St. Louis, Missouri, Instructor: Critical Care Fellow Simulation Boot Camp
07/29/2016 - 07/31/2016 Children's Hospital of Philadelphia, Instructor, Critical Care Fellow Simulation Boot Camp
07/21/2017 - 07/23/2017 Washington University, St. Louis, MO, Instructor: Critical Care Fellow Simulation Boot Camp
11/11/2017 Medical College of Wisconsin, Milwaukee, WI, Instructor: Midwest Region Pediatric Anesthesia Resident and Fellow Simulation Bootcamp, Department of Anesthesia, Division of Pediatric Anesthesia
11/18/2017 - 11/19/2017 Children's Hospital of Philadelphia, PA, Instructor: Pediatric Critical Care and Anesthesia Ultrasound Simulation Workshop
07/13/2018 - 07/15/2018 Washington University, St. Louis, MO, Instructor: Critical Care Fellow Simulation Boot Camp
11/30/2018 - 12/02/2018 John's Hopkins University, Baltimore, MD, Instructor: The Sadie Abel Advance Critical Care Fellow Simulation Boot Camp
07/12/2019 - 07/14/2019 Washington University, St. Louis, MO, Instructor: Critical Care Fellow Simulation Boot Camp
10/16/2020 - 10/18/2020 The Medical College of Wisconsin, Co-Director and Instructor: The Sadie Abel Advanced Critical Care Fellow Simulation Bootcamp (Hybrid Virtual/In-Person),
02/2021 The Medical College of Wisconsin, Fellows as Teachers: Bedside Rounds for Pediatric Critical Care Fellows

Continuing Medical Education

05/13/2013 Children's Wisconsin, Invited Lecturer: Pediatric Critical Care Nursing Orientation
2014 - Present The Medical College of Wisconsin/Children's Hospital of Wisconsin, Instructor: Pediatric Fundamental Critical Care Support Course: Society of Critical Care Medicine (SCCM)
08/2016 - Present Medical College of Wisconsin/Children's Wisconsin, Coordinator and Faculty Instructor: Critical Care In-Situ Multidisciplinary Simulation-Based Mock-Resuscitations. Instruct 5-6 one-hour long sessions/year
06/05/2019 The Medical College of Wisconsin, "Stages of a Simulation from Pre-Brief to Debrief." DOP Faculty Development in Medical Simulation Lecture Series; Presenters: Petersen TL, Pearce J, McDermott K, Rogers A, Schuh A.

Nursing Student Education

11/18/2014 Children's Wisconsin, Invited Lecturer: Pediatric Critical Care Nursing Orientation
2014 - Present Medical College of Wisconsin/Children's Wisconsin, Instructor: Pediatric Fundamental Critical Care Support Course: Society of Critical Care Medicine (SCCM)
03/05/2015 Children's Wisconsin, Invited Lecturer: Pediatric Critical Care Nursing Orientation
07/15/2015 Children's Wisconsin, Invited Instructor: W11/W12 RN Education Days: Airway Skills and "First 5 minutes" Workshop

PROGRAMMATIC DEVELOPMENTS:

Educational Programs

Fellow

- 2014 - Present Curriculum Design and Development: Pediatric Critical Care Fellow Procedural Skills Orientation, The Medical College of Wisconsin
- 2014 - Present Curriculum Design and Development: Pediatric Critical Care Fellow High-Fidelity Simulation Series, Medical College of Wisconsin
- 2018 - Present Co-Director of Curriculum Design and Development: Pediatric Critical Care Multidisciplinary Simulation Education
- 2019 - Present Pediatric Critical Care Fellowship Peer-to-Peer Mentor Program

Faculty

- 2015 - 2016 Student BRIEF (Before Rotation Introductory Essentials for Faculty) Project designed as part of U.S. Department of Health and Human Services (HRSA) Faculty Development Program
- 04/26/2016 - 04/27/2016 Designed, Coordinated and Lead: 2-day faculty workshop: Point of Care Ultrasound for the Critical Care Provider Train the Trainer Course
- 2020 - 2022 Faculty Development Program in Medical Simulation. 6-7 lectures and small group activities provided per year to build faculty knowledge and skills within Medical Simulation.
- 2022 - Present Co-Director of Facilitator/Leadership Development in Medical Simulation Program.

Clinical Programs

- 2015 - 2016 Project Development Team Member: Transition of Medically Complex Pediatric Patients to Adult Care Providers Workgroup: MCW Leadership Academy Capstone Project
- 2015 - 2018 Co-Director: Development of Children's Hospital of Wisconsin Sepsis Management Protocol, Clinical Guideline and Best-Practice EPIC Alert, Children's Hospital of Wisconsin
- 2016 - Present Co-Director: Development of Pediatric Critical Care Code Review Process
- 2016 - 2019 Project Development Team Member: Standardized Clinical Assessment and Management Plan (SCAMP): Pediatric Acute Respiratory Distress Syndrome (ARDS), Children's Hospital of Wisconsin

COMMUNITY SERVICE ACTIVITIES:

- 1998 - 2001 Luther Midelfort Hospital/Mayo Health System (Eau Claire, WI): Aphasia/Stroke Rehabilitation Group Recognized for over 300 volunteer hours
- 2001 - 2002 Madison Community Health Center Clinical Intake Volunteer
- 2002 Doctors Ought to Care Program (DOC) Presentation of Human Anatomy to 5th and 6th graders at Waterloo Elementary School
- 2002 - 2004 Medical Students Offering Maternal Support (MoMS) Program
- 2003 - 2004 University of Wisconsin Medical School Admissions Student Interviewer of Medical School Applicants
- 2003 - 2004 Madison Chapter of American Red Cross Family Advocate at Well Child and Well Teen Clinics
- 2013 Girls in the Game: Chicago Chapter (Provides and promotes sports and fitness opportunities, nutrition and health education, and leadership development to enhance the overall health and well-being of girls) Career Day Mentor

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Torrealba JR, Colburn M, Golner S, Chang Z, Scheunemann T, Fechner JH, Roenneburg D, Hu H, Alam T, Kim HT, Kanmaz T, Oberley T, Knechtle SJ, Hamawy MM. Selenium-binding protein-1 in smooth muscle cells is downregulated in a rhesus monkey model of chronic allograft nephropathy. *Am J Transplant.* 2005 Jan;5(1):58-67.
2. Cho CS, Chang Z, Elkahwaji J, Scheunemann TL, Manthei ER, Colburn M, Knechtle SJ, Hamawy MM. Rapamycin antagonizes cyclosporin A- and tacrolimus (FK506)-mediated augmentation of linker for activation of T cell expression in T cells. *Int Immunol.* 2003 Nov;15(11):1369-78.

3. Cho CS, Elkahwaji J, Chang Z, Scheunemann TL, Manthei ER, Hamawy MM. Modulation of the electrophoretic mobility of the linker for activation of T cells (LAT) by the calcineurin inhibitors CsA and FK506: LAT is a potential substrate for PKC and calcineurin signaling pathways. *Cell Signal*. 2003 Jan;15(1):85-93.
4. Bigelow AM, Scott JP, Hong JC, Cronin DC, Vitola BE, Fons RA, Petersen TL. Human Parechovirus as a Cause of Isolated Pediatric Acute Liver Failure. *Pediatrics*. 2016 Nov;138(5).
5. Cashen K, Petersen TL. Pleural Effusions and Pneumothoraces. *Pediatr Rev*. 2017 Apr;38(4):170-181.
6. Cashen K, Petersen TL. Pediatric pulseless ventricular tachycardia: a simulation scenario for fellows, residents, medical students, and advanced practitioners. *MedEdPORTAL Publications*. 2016;12:10407. http://dx.doi.org/10.15766/mep_2374-8265.10407
7. Cashen K, Petersen T. Pediatric Pulseless Ventricular Tachycardia: A Simulation Scenario for Fellows, Residents, Medical Students, and Advanced Practitioners. *MedEdPORTAL*. 2016 Jun 03;12:10407. PMID: PMC6464469
8. Ausmus AM, Simpson PM, Zhang L, Petersen TL. A Needs Assessment of Brain Death Education in Pediatric Critical Care Medicine Fellowships. *Pediatr Crit Care Med*. 2018 Jul;19(7):643-648.
9. Conlon TW, Kantor DB, Su ER, Basu S, Boyer DL, Haileselassie B, Petersen TL, Su F, Nishisaki A. Diagnostic Bedside Ultrasound Program Development in Pediatric Critical Care Medicine: Results of a National Survey. *Pediatr Crit Care Med*. 2018 Nov;19(11):e561-e568.
10. Noonan PJ, Hanson SJ, Simpson PM, Dasgupta M, Petersen TL. Comparison of Complication Rates of Central Venous Catheters Versus Peripherally Inserted Central Venous Catheters in Pediatric Patients. *Pediatr Crit Care Med*. 2018 Dec;19(12):1097-1105.
11. Noonan PJ, Hanson SJ, Petersen TL. The authors reply. *Pediatr Crit Care Med*. 2019 Jan;20(1):94-95.
12. Cashen K, Petersen T. Diabetic Ketoacidosis. *Pediatr Rev*. 2019 Aug;40(8):412-420.
13. Patel N, Petersen TL, Simpson PM, Feng M, Hanson SJ. Rates of Venous Thromboembolism and Central Line-Associated Bloodstream Infections Among Types of Central Venous Access Devices in Critically Ill Children. *Crit Care Med*. 2020 Sep;48(9):1340-1348.
14. Cashen K, Petersen TL, Rood C, Cater D, Waslawski SF, Slaven JE, Mastropietro CW. Emergency department utilisation and critical readmission in patients with Fontan circulation. *Cardiol Young*. 2020 Dec;30(12):1902-1909.
15. Hanson SJ, Patel N, Petersen TL, Feng M, Simpson PM. The authors reply. *Crit Care Med*. 2021 Jan 01;49(1):e111-e112.
16. Rajapreyar P, Petersen TL, Gedeit R, Matuszak A, McDermott K, Murkowski K, Kasch M, Pano C, O'Brien K, Wakeham M. Development of a Standardized Clinical Assessment and Management Plan for Pediatric Acute Respiratory Distress Syndrome. *Journal of Pediatric Intensive Care*. Accepted for publication on Nov 9, 2020.
17. McDermott KL, Schindler CA, Olson KR, Petersen TL. Acute Care Pediatric Nurse Practitioners as Leaders: Perceptions, Self-Identity, and Role Congruity. *J Pediatr Health Care*. 2021;35(5):559-563.
18. Rajapreyar P, Castaneda L, Thompson NE, Petersen TL, Hanson SJ. Association of Fluid Balance and Survival of Pediatric Patients Treated With Extracorporeal Membrane Oxygenation. *Front Pediatr*. 2021;9:722477. PMID: PMC8481698
19. Shah P, Petersen TL, Zhang L, Yan K, Thompson NE. Using Aggregate Vasoactive-Inotrope Scores to Predict Clinical Outcomes in Pediatric Sepsis. *Front Pediatr*. 2022;10:778378. PMID: PMC8931266
20. Narayan S, Petersen TL. Uncommon Etiologies of Shock. *Crit Care Clin*. 2022 Apr;38(2):429-441.
21. Frazier ME, Brown SR, O'Halloran A, Raymond T, Hanna R, Niles DE, Kleinman M, Sutton RM, Roberts J, Tegtmeier K, Wolfe HA, Nadkarni V, Dewan M, Abulebda K, Atkins D, Balikai S, Berg M, Berg R, Bhalala U, Braga MS, Buysse C, Cecchetti C, Cheng A, Christoff A, Corbett K, DeCaen A, de Jong G, del Castillo J, Donoghue A, Duval-Arnould J, Esangbedo I, Flaherty M, Friess S, Gangadharan S, Gawronski O, Gilleland J, Griffis H, Harvey H, Harwayne-Gidansky I, Haskell S, Hayes J, Heber K, Hunt B, Ikeyama T, Jani P, Jones K, Knight L, Kurosawa H, Lasa J, Lauridsen KG, Lemoine T, Maa T, Martin DA, Masse E, Mejia LM, Meyer M, Mok YH, Morgan R, Nett S, Niles DE, Olson M, Petersen T, Ong G, Rajapreyar P, Ryerson L, Sen A, Singleton M, Skellet S, Stromberg D, Su F, Sutton RM, Sweberg T, Tegg O, Topjian A, Van Ittersum W, Villaescusa JU, Watanabe I, Welsby D, Wenger J, Wolfe HA, Yeo A, Yu P. Risk factors and outcomes for recurrent paediatric in-hospital cardiac arrest: Retrospective multicenter cohort study Resuscitation. December 2021;169:60-66.
22. Rajapreyar P, Andres J, Pano C, O'Brien K, Matuszak A, McDermott K, Powell M, Murkowski K, Kasch M, Hay S, Petersen TL, Gedeit R, Wakeham M. Development of a Standardized Clinical Assessment and Management Plan for Pediatric Acute Respiratory Distress Syndrome. *J Pediatr Intensive Care*. 2022

Sep;11(3):193-200. PMCID: PMC9345670

23. Petersen TL, King JC, Fussell JJ, Gans HA, Waggoner-Fountain LA, Castro D, Green ML, Hamilton MF, Marcdante K, Mink R, Nielsen KR, Turner DA, Watson CM, Zurca AD, Boyer DL. Benefits and Limitations of Virtual Recruitment: Perspectives From Subspecialty Directors. *Pediatrics*. 2022 Oct 01;150(4).
24. Raymond TT, Esangbedo ID, Rajapreyar P, Je S, Zhang X, Griffis HM, Wakeham MK, Petersen TL, Kirschen MP, Topjian AA, Lasa JJ, Francoeur CI, Nadkarni VM, pediatric Resuscitation Quality (pediRES-Q) Collaborative Investigators. Cerebral Oximetry During Pediatric In-Hospital Cardiac Arrest: A Multicenter Study of Survival and Neurologic Outcome. *Crit Care Med*. 2024 May 01;52(5):775-785.

Books, Chapters, and Reviews

1. Petersen TL, Mittal, M. Apparent Life Threatening Events and Sudden Infant Death Syndrome. In: Netter's Pediatrics. Todd A Florin, M.D. and Stephen Ludwig, M.D., Editors. Elsevier Sanders, Philadelphia, PA. pp. 67-71: 2011
2. Petersen TL, Bone M. Disorders and Treatment of the Airway. In: Comprehensive Critical Care: Pediatrics. Jana A. Stockwell, M.D. and Catherine M. Pressig, M.D., Editors. Society of Critical Care Medicine. pp. 217-229: 2012.
3. Petersen TL, Bone M. Disorders and Treatment of the Airway. In: Comprehensive Critical Care: Pediatrics 2nd Edition. Jana A. Stockwell, M.D. and Martha C. Kutko, M.D., Editors. Society of Critical Care Medicine. pp. 167-176: 2016.
4. Rajapreyar P, Petersen TL. Critical Appraisal of: Walsh MA, Merat M, LaRotta G, et al. Airway Pressure Release Ventilation (APRV) Improves Pulmonary Blood Flow in Infants After Cardiac Surgery. *Crit Care Med* 2011; 39(12). In The PedsCCM Evidence-Based Journal Club, February 27, 2015. Available from: <http://pedscm.org/view-review.php?id=989>.
5. Petersen TL, Lee KJ. The Acutely Ill or Injured Child. In: Nelson's Essentials in Pediatrics. Karen J. Marcdante, MD and Robert Kliegman, MD, Editors. Elsevier Sanders, Philadelphia, PA. 2018.
6. Kopp W, Willie C, Petersen TL (faculty mentor). Invasive Vascular Access. In: Pediatric Critical Care: A Primer for All Clinicians. Kane, Wolfson, Berger and Hageman, Editors. Nova Science Publishers, Hauppauge, NY. (in press 2019).
7. Wagner J, Von Saint Andre-Von Arnim A, Stoller J, Basu S, Petersen TL (invited author). Special Considerations in Pediatric and Neonatal Procedural Applications. In: Comprehensive Critical Care Ultrasound 2nd Edition. Society of Critical Care Medicine. Brown, Blaivas, Hirshberg, Kasal, Pustavoitau, Editors. 2019.
8. Petersen TL, Shuh A. The Acutely Ill or Injured Child: In: Nelson's Essentials in Pediatrics: 9th Edition. Elsevier Sanders, Philadelphia, PA. (In press)