

## CURRICULUM VITAE

**Theresa A. Mikhailov MD, PhD**

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

### OFFICE ADDRESS:

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

### EDUCATION:

09/1980 - 06/1984 BS, Northwestern University, Evanston, IL  
09/1982 - 06/1986 MD, Northwestern University Medical School, Chicago, IL  
01/1993 - 05/2011 Ph.D., University of Illinois Chicago School of Public Health, Chicago, IL

### POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/1986 - 06/1989 Resident, Pediatrics, McGaw Medical Center of Northwestern University, Children's Memorial Hospital, Chicago, IL  
07/1989 - 06/1992 Fellow, Moffitt Children's Hospital and Children's Hospital Oakland, University of California San Francisco Medical Center, Pediatric Critical Care Medicine, San Francisco, CA  
01/1993 - 12/1997 Graduate Student, Division of Epidemiology and Biostatistics, School of Public Health, University of Illinois, Chicago, IL  
04/1996 Management Issues in Respiratory and Critical Care, Anesthesia and Respiratory Care, Harvard Medical School, Boston, MA  
01/1998 - 05/2011 Doctoral Candidate, Doctor of Public Health, Epidemiology, awarded May 2011, Division of Epidemiology and Biostatistics Graduate College, University of Illinois, Chicago, IL  
04/2012 The Science of Improvement: Accelerating Your Capacity to Change, Institute of Healthcare Improvement, Chicago, IL  
08/2013 Scientific Grant Writing Workshop, National EMSC Data Analysis Research Center, Chicago, IL  
09/2015 - 11/2015 Pediatric Foundation Grant Course, Medical College of Wisconsin, Milwaukee, WI  
10/2016 Leadership Strategies for Evolving Health Care Executives, T.H. Chan School of Public Health, Harvard University, Boston, MA  
03/2021 - 08/2022 National Research Mentoring Network, Diversity Program Consortium, an NIH-funded research program to improve the experience of medical students in research, affect their decision to pursue research in their future career, to increase research productivity for medical students who are women and/or from a racial or ethnic group that is underrepresented in medicine, University of Chicago Pritzker School of Medicine (Virtual Curriculum), Chicago, IL  
03/2021 - 08/2022 Boosting MENTORS (Mentor Effectiveness in Training of Research Scientists), an NIH-funded research program to improve the experience of medical students in research; affect their decision to pursue research in their future career, to increase research productivity for medical students who are women and/or from a racial or ethnic group that is underrepresented in medicine, Medical College of Wisconsin, Milwaukee, WI

### FACULTY APPOINTMENTS:

07/1992 - 04/1999 Assistant Professor, Department of Pediatrics, Section of Critical Care Medicine, Rush Medical College, Chicago, IL  
05/1999 - 06/2010 Assistant Professor, Department of Pediatrics, Division of Pulmonary and Critical Care Medicine, Medical College of Wisconsin, Milwaukee, WI  
07/2010 - 06/30/2015 Associate Professor, Department of Pediatrics, Division of Critical Care Medicine,

Medical College of Wisconsin, Milwaukee, WI  
 07/01/2015 - Present Professor of Pediatrics, Department of Pediatrics, Division of Critical Care Medicine,  
 Medical College of Wisconsin, Milwaukee, WI  
 2023 - Present Faculty Promotion Committee, Pediatrics, Medical College of Wisconsin, Milwaukee, WI

**HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:**

1992 - 1999 Medical Director, Pediatric Transport Program, Rush-Presbyterian-St. Luke's Medical Center  
 1992 - 1999 Medical Director, Pediatric Transport Program, Cook County Children's Hospital  
 1995 Coordinator, Project Impact Beta Test Site, Rush Children's Hospital Pediatric Intensive Care Unit  
 1999 - Present Associate Medical Director, Pediatric Intensive Care Unit, Pediatrics, Children's Hospital of Wisconsin

**HOSPITAL STAFF PRIVILEGES:**

07/1992 - 04/1999 Attending Physician, Cook County Hospital, 1835 W. Harrison St, Chicago, IL 60212  
 07/1992 - 06/1999 Assistant Attending, Rush-Presbyterian-St. Luke's Medical Center, 1653 W. Congress Parkway, Chicago, IL 60212  
 07/1998 - 04/1999 Associate Attending, Rush-Presbyterian-St. Luke's Medical Center, 1653 W. Congress Parkway, Chicago, IL 60212  
 05/1999 - 10/2000 Courtesy Staff, Children's Hospital of Wisconsin, 9000 W. Wisconsin Ave, Milwaukee, WI 53201  
 11/2000 - 10/2002 Associate Staff, Children's Hospital of Wisconsin, 9000 W. Wisconsin Ave, Milwaukee, WI 53201  
 11/2002 - Present Active Staff, Children's Hospital of Wisconsin, 9000 W. Wisconsin Ave, Milwaukee, WI 53201

**SPECIALTY BOARDS AND CERTIFICATION:**

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Pediatrics	10/04/1989	12/31/1997
ABP-Pediatric Critical Care Medicine	05/17/1994	12/31/2001
American Board of Pediatrics	06/16/1997	12/31/2004
ABP-Pediatric Critical Care Medicine	05/17/2000	12/31/2008
American Board of Pediatrics	12/22/2004	12/31/2011
ABP-Pediatric Critical Care Medicine	10/29/2008	12/31/2020
American Board of Pediatrics General Pediatrics	11/23/2011	12/31/2024
Pediatrics	11/23/2011	12/31/2016

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
PALS Instructor		09/1990	06/2005
BLS Provider		04/21/2022	04/21/2024
PALS Provider		04/21/2022	04/21/2024

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin License		04/21/1999	10/31/2023

**AWARDS AND HONORS:**

09/1980 - 06/1986 Honors Program in Medical Education, Northwestern University Medical School  
 2009 - Present Golden Key International Honor Society, University of Illinois Chapter  
 10/2012 CARE Award Finalist, Children's Hospital Association (CHA)  
 2012 Included in "Who's Who in America 2013"

2012 Included in "M Magazine's Top Doctors Listing"

2013 Vars Candidate and Abstract of Distinction. Clinical Nutrition Week 2013, Presented as an oral abstract at Clinical Nutrition Week 2013

2013 Included in "M Magazine's Top Doctors Listing"

2013 Included in "Best Doctors in America"

2013 Nomination-Based Award, Specialty Award (chosen as one of top ten abstracts in GI/Nutrition specialty) for Society of Critical Care Medicine 2013 Annual Meeting, Society of Critical Care Medicine

2014 Robert Chambliss Award for best abstract submitted, Section of Transport Medicine, American Academy of Pediatrics National Conference and Exhibit, October 2014

2014 Included in "Best Doctors in America"

2014 Included in "The Global Directory of Who's Who (Top Doctors) Listing"

2014 Included in "M Magazine's Top Doctors Listing"

2015 Included in "M Magazine's Top Doctors Listing"

2015 Nominated for Children's Specialty Group Advanced Practice Provider Advocate Award, received 4 nominations, Children's Hospital of Wisconsin

2019 Abstract of Distinction - "Routine measurement of gastric residual volumes impairs delivery of enteral nutrition and does not predict adverse events in the pediatric ICU", American Society of Parenteral and Enteral Nutrition

2019 Selected for Continuing Education Module - "PICU Enteral Feeding Protocol", PNCB

2019 Selected as Best Quality Improvement Poster - "PICU Enteral feeding protocol", Pediatric Critical Care Regional Meeting on PICU Liberation

2019 Biz Times Media Health Care Heroes Award for role in collaborating to uncover the vaping and EVALI crisis, Biz Times

2019 Standing Ovation Award for role in collaborating to uncover the vaping and EVALI crisis, Children's Hospital of Wisconsin

2019 Abstract of Distinction - "Continuous vs Bolus NG feeding in intubated pediatric patients (COBO2)", American Society of Parenteral and Enteral Nutrition

2019 Included in "M Magazine's Top Doctors Listing"

2019 Included in "Best Doctor's in America"

2021 Abstract of Distinction- "nutritional status at admission associated with clinical outcomes in critically ill children", American Society of Parenteral and Enteral Nutrition

2021 Candidate, Drug Nutrient Interaction Section Poster of Merit Award, American Society of Parenteral and Enteral Nutrition

2022 Nominated for Excellence in Professionalism Team Award, Children's Specialty Group Professional Development Committee for CSG APP Fellowship Team

**MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:**

07/1988 - 06/1993 American Academy of Pediatrics (Candidate Fellow)

08/1990 - Present Society of Critical Care Medicine (Full Member)

09/1992 - 06/1999 Chicago Pediatric Society (Member)

06/1993 - Present American Academy of Pediatrics (Fellow)

11/2001 - 12/2007 Wisconsin Medical Society (Member)

11/2001 - 12/2007 American Medical Association (Member)

11/2001 - 12/2007 Medical Society of Milwaukee County (Member)

07/2011 - Present Golden Key International Honor Society (Member)

01/2020 - 12/2021 American Heart Association (Professional Member)

02/2021 - Present American Society of Parenteral and Enteral Nutrition (Member)

**EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:**

Editorship

2022 - Present Review Editor, Frontiers in Pediatrics

2023 - Present Patient Safety and Health Care Quality in Vulnerable Hospitalized Populations

Editorial Board

2022 - Present Guest Editor, Nutrients Special Issue, Nutrition Practices and Outcomes in Pediatric Patients

Journal Review

1996 - 1997 Critical Care Medicine  
 2014 - 2016 Journal of Nutrients  
 2014 Grant Reviewer - Digestive Disease Center, Medical College of Wisconsin  
 2015 - 2016 New England Journal of Medicine  
 2016 - Present PLOS ONE  
 2017 - Present Critical Care Medicine  
 2017 - Present Nutrients  
 2017 - Present BMC Research Notes  
 2017 - Present Journal of Pediatrics and Child Health  
 2018 - Present Pharmaceutics  
 2018 - Present Lidsen Publishing  
 2018 - Present Pediatrics  
 2018 - Present Pharmacy  
 2018 - Present Journal of Pediatric Infectious Diseases  
 2019 - Present Journal of Pediatric Gastroenterology & Nutrition  
 2019 - Present The Egyptian Heart Journal  
 2019 - Present BMC Pediatrics  
 2020 - Present International Journal of Environmental Research and Public Health  
 2021 - Present Scientific Reports  
 2021 - Present Critical Care Explorations  
 2022 - Present Children

**LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:**

1992 - 1999 Medical Director, Pediatric Transport Program, Rush-Presbyterian-St. Luke's Medical Center  
 1992 - 1999 Medical Director, Pediatric Transport Program, Cook County Children's Hospital  
 1993 - 1994 Ad Hoc Search Committee for Director of Pediatric Medical Education, Department of Pediatrics, Cook County Children's Hospital  
 1994 Interviewer of Rush Medical College Applicants, Rush Medical College  
 1994 - 1999 Transfusion Committee, Department of Pediatrics, Cook County Children's Hospital  
 1994 - 1995 PICU Planning Committee, Cook County Children's Hospital  
 1995 Coordinator, Project Impact Beta Test Site, Rush-Presbyterian-St. Luke's Medical Center  
 1995 - 1999 Co-Chair, Pediatric House Staff Journal Club Committee, Rush Medical College  
 1995 - 1999 Pediatrics House Staff Selection Committee, Rush Medical College  
 1995 - 1997 Chair, Ad Hoc Committee on Pediatric Transport, Department of Pediatrics, Cook County Children's Hospital  
 1996 - 1999 Chair, Pediatric Transport Committee, Rush-Presbyterian-St. Luke's Medical Center  
 1997 Ad Hoc Search Committee for Medical Director, Pediatric Intensive Care Unit and Head, Division of Critical Care, Cook County Children's Hospital  
 1997 - 1999 Combined Internal Medicine-Pediatrics Program, House Staff Selection Committee, Rush Medical College  
 1997 Interviewer of Rush Medical College Applicants, Rush Medical College  
 1998 - 1999 Pediatric residency Program, House Staff Evaluation Committee, Rush Medical College  
 1999 - Present Associate Medical Director, Pediatric Intensive Care Unit, Children's Hospital of Wisconsin  
 1999 - 2006 Blood Usage Committee, Children's Hospital of Wisconsin  
 1999 - 2001 Associate Chair, Codes and Resuscitation Committee, Children's Hospital of Wisconsin  
 2000 - 2003 Pediatric Outcomes Research Workgroup, Department of Pediatrics, Medical College of Wisconsin  
 2000 - 2004 Communication Subgroup, Pediatric Intensive Care Unit Collaborative Practice Committee, Children's Hospital of Wisconsin  
 2000 - 2007 Pediatric Intensive Care Unit, Collaborative Practice Committee, Children's Hospital of Wisconsin  
 2000 - 2003 Chair, Clinical Expertise Subgroup, Pediatric Intensive Care Unit Collaborative Practice Committee, Children's Hospital of Wisconsin  
 2001 - 2009 Outcomes Research Consultant, Codes and Resuscitation Committee, Children's Hospital of Wisconsin  
 2001 - 2002 Rapid Cycle Improvement Internal Collaborative: Improving Work Processes, PICU Team, Children's Hospital of Wisconsin

2003 - 2004 M1 Medical Information Management Course Redesign Ad Hoc Committee of the Curriculum Evaluation Committee, Medical College of Wisconsin  
 2003 - 2009 Faculty Council, alternate representative, Medical College of Wisconsin  
 2003 - Present Medical Director, Pediatric Critical Care Nurse Practitioner Program, Medical College of Wisconsin  
 2003 - 2004 Family Advisory Committee, Children's Hospital of Wisconsin  
 2005 - 2014 NACHRI, PICU FOCUS Group, Children's Hospital of Wisconsin  
 2006 - 2008 PICU Quality and Data Utilization Committee, Children's Hospital of Wisconsin  
 2006 - 2007 Member, Parliamentary Committee, Children's Hospital of Wisconsin  
 2007 - 2016 Medical Director, Pediatric Critical Care Nutrition Program, Medical College of Wisconsin  
 2007 - Present Chair, Parliamentary Committee, Children's Hospital of Wisconsin  
 2008 - 2010 Physician Lead, LEAN Project in PICU, Children's Hospital of Wisconsin  
 2009 - Present Balanced Score Card Initiative for Prevention of Pressure Ulcers Physician Champion, Children's Hospital of Wisconsin  
 2010 - Present Faculty Council, representative, Medical College of Wisconsin  
 2011 - Present Administrative Leader, Pediatric Palliative Care Nurse Practitioner Program, Medical College of Wisconsin  
 2012 - Present Member, Utilization Committee, Children's Hospital of Wisconsin  
 2014 - 2017 Critical Care Leadership Team, AI's Run Planning Committee, Medical College of Wisconsin  
 2014 - Present Critical Care Leadership Team, TBR Summit Planning Committee, Medical College of Wisconsin  
 2014 - 2015 Ad Hoc Subcommittee of Pharmacy and Therapeutics Committee, D70 Shortage Oversight Committee, Children's Hospital of Wisconsin  
 2015 - 2016 Member, Mentoring Advisory Committee, Medical College of Wisconsin  
 2016 - Present Chair, PICU Bowel Regimen Protocol Development Team, Children's Hospital of Wisconsin  
 2016 - Present Chair, PICU Feeding Protocol Development Team, Children's Hospital of Wisconsin

**NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:**

2007 - 2009 Co-Chair, Advanced Practice Nurse Committee, Pediatric Section, Society of Critical Care Medicine  
 2009 - 2010 Advisor, Advanced Practice Nurse Committee, Pediatric Section, Society of Critical Care Medicine  
 2012 Nominated for Pediatrician At-Large, Pediatric Nursing Certification Board's Board of Directors, Children's Hospital of Wisconsin  
 2014 - Present Subgroup member, Pediatric Acute Lung Injury and Sepsis Investigators (PALISI), PICU NutriNet, International research consortium  
 2014 - 2020 Member, Steering Committee, COBO (Continuous vs. Bolus), Children's Hospital of Wisconsin  
 2016 - 2017 Member, Manuscript Oversight Committee for NPO/NIV Study, Pediatric Acute Lung Injury and Sepsis Investigators (PALISI)  
 2016 - Present Chair, Ancillary Study Review Committee for NPO/NIV Study, Pediatric Acute Lung Injury and Sepsis Investigators (PALISI)  
 2018 - Present Board Liaison for the Acute Care PNP Exam Committee, Pediatrician-At-Large, Pediatric Nursing Certification Board of Directors  
 2018 - Present Member, VPS Advisory Group  
 03/2019 - Present Member, VPS, PICU Quality Measures Task Force  
 07/2021 - Present Leader, VPS, Nutrition Collaborative

**RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:**

**Active**

**Peer Review**

Title:	Microbiome and Nutrition in Severe PARDS: An Ancillary Study Proposal to the PROSpect Trial
Source:	National Institutes of Child Health and Human Development (NICHD)
Role & Effort:	Co-Investigator

PI: Dr. Katri Typpo  
 Dates: 04/2021 - 03/2026  
 Direct Funds: \$509,973

Title: Vaping and the Developing Adolescent Body (The Vaping and DAB Study)  
 Source: Palmen Fund  
 Role & Effort: Principal Investigator  
 PI: Theresa Mikhailov  
 Dates: 01/01/2023 - 12/31/2023  
 Direct Funds: \$22,698

Title: VPS, LLC  
 Source: VPS, LLC  
 Role & Effort: Selected Pediatric Critical Care Clinical Consultant  
 Dates: 07/01/2023 - 06/30/2024  
 Direct Funds: \$31,815 ((0.15 FTE per NIH salary cap) Annual Support to MCW)

**Prior**

**Peer Review**

Title: Genetic and Environmental Risk Factors for Crohn's Disease in Children  
 Source: MCW Digestive Disease Center  
 Role & Effort: Principal Investigator  
 PI: Self  
 Dates: 09/01/2005 - 08/31/2007  
 Direct Funds: \$20,000

Title: Pediatric Measurement Center of Excellence (PMCoE)  
 Source: Agency for Healthcare Research and Quality (AHRQ)  
 Role & Effort: Co-Investigator  
 Dates: 03/01/2011 - 02/28/2016  
 Direct Funds: \$7,000,000

Title: COntinuous vs BOlus Nasogastric Feeding in Mechanically Ventilated Pediatric Patients Phase 2  
 Source: Medical College of Wisconsin, Department of Pediatrics Internal Funding  
 Role & Effort: Site Principal Investigator  
 Dates: 07/01/2015 - 06/30/2016  
 Direct Funds: \$28,500

Title: Screening Hospitalized Children for Malnutrition and Risk of Malnutrition  
 Source: Medical College of Wisconsin, Department of Pediatrics Internal Funding  
 PI: Self  
 Dates: 07/01/2015 - 06/30/2016  
 Direct Funds: \$42,519

Title:	Pediatric Measurement Center of Excellence (PMCoE): Quality Improvement in Action
Source:	Agency for Healthcare Research and Quality (AHRQ)
Role & Effort:	Co-Investigator
Dates:	10/01/2016 - 09/30/2017
Direct Funds:	\$82,525
Title:	NPO on NIV
Source:	MCW Department of Pediatrics Internal Funding
Role & Effort:	Site Principal Investigator
Dates:	07/01/2017 - 06/30/2018
Direct Funds:	\$3,113
Title:	PICU Enteral Feeding Protocol
Source:	MCW Department of Pediatrics Internal Funding
Role & Effort:	Co-Investigator
Dates:	07/01/2018 - 06/30/2019
Direct Funds:	\$7,625
Title:	PICU Bowel Regimen Protocol
Source:	MCW Department of Pediatrics Internal Funding
Role & Effort:	Co-Investigator
Dates:	07/01/2018 - 06/30/2019
Direct Funds:	\$7,625
Title:	A multidisciplinary approach to medical device related facial pressure injuries associated with non-invasive positive pressure ventilation (NIV) mask interfaces
Source:	MCW Department of Pediatrics Internal Funding
Role & Effort:	Co-Investigator
Dates:	07/01/2018 - 06/30/2019
Direct Funds:	\$6,125
Title:	A Data-Driven Analysis of Pediatric Organ Dysfunction Patterns to Discover Novel Sepsis Phenotypes
Source:	National Institutes of Health (NIH) Sub-Award
Role & Effort:	Site Principal Investigator
Dates:	04/01/2019 - 03/31/2021
Direct Funds:	\$4,000
Title:	Validation of a Nutrition Screening Tool for Critically Ill Children
Source:	MCW Department of Pediatrics Internal Funding
Role & Effort:	Principal Investigator
Dates:	07/01/2019 - 06/30/2020

Direct Funds: \$13,364

Title: Microbiome and Nutrition in Severe PARDS Trial: An Ancillary Study Proposal to the PROSpect Trial

Source: MCW Department of Pediatrics Internal Funding

Role & Effort: Principal Investigator

Dates: 07/01/2019 - 06/30/2020

Direct Funds: \$13,101

Title: Normal Mesenteric NIRS in Children

Source: MCW Department of Pediatrics Internal Funding

Role & Effort: Principal investigator

Dates: 07/2020 - 06/2021

Direct Funds: \$24,100

Title: Vaping and the Developing Adolescent Body (The Vaping and DAB Study)

Source: National Institutes of Child Health and Human Development (NICHD)

Role & Effort: Principal Investigator

Dates: 01/2022 - 12/2022

Direct Funds: \$74,937

**Non-Peer Review**

Title: VPICU Performance System Clinical Team

Source: VPS, LLC

Role & Effort: Selected Pediatric Critical Care Clinical Consultant to VPICU Performance System

Dates: 07/01/2007 - 06/30/2016

Direct Funds: \$18,000 (Annual Support to MCW with No Salary Support)

Title: VPICU Performance System Clinical Team

Source: VPS, LLC

Role & Effort: Selected Pediatric Critical Care Clinical Consultant

Dates: 07/01/2016 - 06/30/2018

Direct Funds: \$22,500 (Annual Support to MCW with No Salary Support)

Title: VPICU Performance System Clinical Team

Source: VPS, LLC

Role & Effort: Selected Pediatric Critical Care Clinical Consultant

Dates: 07/2018 - 06/2021

Direct Funds: \$11,000 (Annual Support to MCW with No Salary Support)

Title: VPICU Performance Systems Clinical Team



Source:	VPS, LLC
Role & Effort:	Selected Pediatric Critical Care Clinical Consultant
Dates:	07/2021 - 06/2023
Direct Funds:	\$19,930 ((0.10 FTE per NIH Salary Cap) Annual Support to MCW)
Title:	Impact of Enteral Nutrition on Dexmedetomidine in Critically Ill Children Requiring Non-invasive Ventilation
Source:	MCW Department of Pediatrics Internal Funding
Role & Effort:	Co-investigator
Dates:	07/01/2022 - 06/30/2023
Direct Funds:	\$2,891
Title:	Does Improved Documentation of a Caloric Goal lead to Improved Delivery of Enteral Nutrition in Critically Ill Children?
Source:	MCW Department of Pediatrics Internal Funding
Role & Effort:	Principal Investigator
Dates:	07/01/2022 - 06/30/2023
Direct Funds:	\$11,449
Title:	Validation of a Nutrition Screening Tool for Critically Ill Children
Source:	MCW Department of Pediatrics Internal Funding
Role & Effort:	Principal investigator
Dates:	07/01/2022 - 06/30/2023
Direct Funds:	\$2,271

**INVITED LECTURES/WORKSHOPS/PRESENTATIONS:**

**International**

HANTSCH TA., Management of Pulmonary Hypertensive Crises in Postoperative Cardiac Surgical Patients, Cardiac Surgical Conference, St. Petersburg, Russia, 02/03/1992  
 MIKHAILOV TA, Stojadinovic B., "The Advanced Practice Nursing Provider: The Spectrum from Student to Functioning Specialty Provider," 2nd International Conference on Nursing and Healthcare, Chicago, IL, 11/18/2014

**National**

Sachdeva R, MIKHAILOV T, Gall C, Rice TB., Enhancing efficiency and effectiveness through quality and performance improvement initiatives, NACHRI Annual Meeting, Orlando, FL, 10/12/2009  
 Goday P, Manzi J, Connolly S, Kuhn E, Wakeham M, Collins M, MIKHAILOV T, Scanlon M., Early enteral nutrition is associated with significantly lower mortality and lower PICU and hospital charges in critically ill children., CHA Leadership Conference, Washington, DC, 10/08/2012  
 MIKHAILOV TA., Using VPS to understand the impact of nutrition on outcomes in the PICU, 2015 VPS User Conference, New Orleans, LA, 03/2015  
 Mikhailov, TA, VPS Nutrition Module, VPS User Conference, Nashville, TN, 08/25/2018  
 Mikhailov, TA, Typpo K, MiNutriA Trial: Microbiome and nutrition in pARDS trial: An ancillary study proposal to the PROSpect trial, PALISI Meeting, Boston, MA, 09/07/2018  
 Mikhailov, TA, Typpo, K, MANTIS Trial: Microbiome and nutrition in severe PARDS trial: An ancillary study proposal to the PROSpect trial, PALISI Meeting, Snowbird, UT, 03/16/2019

Mikhailov TA, Rice TB, Sachdeva R, Brundage N, Hulbert C, VPS nutrition collaborative kickoff meeting., Virtual Pediatric Systems LLC, Los Angeles, CA. Presented virtually..., 12/12/2022  
Mikhailov TA, Rice TB, Sachdeva R, Brundage N, Hulbert C., VPS nutrition collaborative, Virtual Pediatric Systems LLC, Los Angeles, CA. Presented virtually, 01/19/2023

### **Regional**

Toxic Ingestions, Grand Rounds, Rush Children's Hospital, Chicago, IL, 07/29/1994  
Toxic Ingestions, Grand Rounds, Cook County Children's Hospital, Chicago, IL, 02/28/1995  
Narcotic Withdrawal in the Pediatric Intensive Care Unit, Grand Rounds, Cook County Children's Hospital, 04/22/1997  
A Patient with Streptococcal Toxic Shock, Morbidity and Mortality Conference, Rush Children's Hospital, Chicago, IL, 04/03/1998  
Mikhailov, TA, "Evidence-Based Medicine: A Practical Approach for Clinicians", Emergency Medicine Grand Rounds - Loyola University Chicago, Stritch School of Medicine, Chicago, IL, 10/14/2014  
MIKHAILOV TA., Evidence-Based Medicine: A Practical Approach for Clinicians, Emergency Medicine Grand Rounds, Loyola University Chicago, Stritch School of Medicine, Chicago, IL, 10/2014  
Mikhailov, TA, "Evidence-Based Medicine: A Practical Approach for Clinicians" Physical Medicine and Rehabilitation, Grand Rounds, Schwab Rehabilitation Hospital, University of Chicago School of Medicine, Chicago, IL, 04/19/2017  
Mikhailov, TA, Evidence-Based Medicine: A Practical Approach for Clinicians, Physical Medicine and Rehabilitation, Grand Rounds, Schwab Rehabilitation Hospital, University of Chicago School of Medicine, Chicago, IL, 04/19/2017  
Mikhailov, TA, Amidon, M, "The E-Cigarette Epidemic," Physical Medicine and Rehabilitation, Grand Rounds, Schwab Rehabilitation Hospital, University of Chicago School of Medicine, Chicago, IL, 11/20/2019  
Mikhailov, TA, Hemyari, A, "E-Cigarettes and the EVALI Epidemic", Emergency Medicine Grand Rounds, Loyola University Chicago, Stritch School of Medicine, Chicago, IL, 12/10/2019

### **Local**

Applications of Epidemiology to Clinical Medicine, Academic Research Conference, Department of Pediatrics, Medical College of Wisconsin, Milwaukee, WI, 12/05/2003  
Nutrition in the PICU, Pediatric Surgery, Basic Science Lecture Series, Department of Surgery, Medical College of Wisconsin, Milwaukee, WI, 09/06/2013  
"Association of Dexmedetomidine and Enteral Nutrition in Non-Invasive Ventilation," presented by Kristin Magner, APNP, Scholarship in Progress, Department of Pediatrics, Milwaukee, WI, 11/28/2022  
"Sedated Apheresis with Dexmedetomidine," presented by Kristin Magner, APNP, Scholarship in Progress, Department of Pediatrics, Milwaukee, WI, 11/28/2022  
"Improved Caloric Goal Documentation in the Pediatric Intensive Care Unit (PICU) through Modification of Standardization Documentation: A Quality Improvement Project," presented by Danica Vendiola, M3, Scholarship in Progress, Department of Pediatrics, Milwaukee, WI, 11/28/2022

### **PEER REVIEWED WORKSHOPS/PRESENTATIONS:**

#### **National**

HANTSCH TA, Zales VR, Rubenstein JS, Hageman JR., Predictors of life-threatening complications in acute tricyclic antidepressant ingestion in children, The Fifth Pediatric Critical Care Colloquium, Salt Lake City, UT, 01/1992  
HANTSCH T, Wong J, Vanderford PA, Jerome EH, Fineman JR, Soifer SJ., Acute lung injury attenuates endothelium-dependent pulmonary vasodilation in the lamb, Pediatric Research 33:381A, The Society for Pediatric Research, Washington, DC, 05/1993  
\*Severin P, MIKHAILOV T, Kramer J., Are there differences in the initial peak expiratory flow rate (PEFR) and pulse oximetry in patients admitted to the PICU vs. ward in those with asthma exacerbation?, The Ninth Pediatric Critical Care Colloquium, Hot Springs, AR, 09/1997  
Berens RJ, \*Meyer MT, Weisman SJ, Czarnecki M, Soetenga D, Colpaert K, Nelson T, MIKHAILOV TA, Ghanayem N, Hoffman GM., Comparison of 5 Versus 10 Days of Methadone Wean in Pediatric Critical Care Patients, American Society of Anesthesiologists Annual Meeting, 10/2002  
Martens KA, \*Hantsch CE, Stake CE, MIKHAILOV TA, Cichon ME., Prehospital Provider Participation and

- Support Needs for CBRN Events, American College of Emergency Physicians Research Forum, San Francisco, CA, 10/2004
- \*Schindler C, MIKHAILOV TA, Fischer K, Lukasiewicz G, Kuhn E, Duncan L, Rice TB., Skin integrity in critically ill and injured children, PICU Focus Group, National Association of Children's Hospitals and Related Institutions, Anchorage, AK, 06/2005
- Schindler C, MIKHAILOV TA, \*Fischer K, Lukasiewicz G, Kuhn E, Duncan L, Rice TB., Effective care in the PICU: skin integrity in critically ill and injured children, NACHRI, National Association of Children's Hospitals and Related Institutions, Indian Wells, CA, 10/2005
- \*MIKHAILOV TA, Furner S, Kugathasan S., Environmental (lack of breastfeeding) and genetic (NOD2/CARD15) risk factors in pediatric onset Crohn's disease (CD), North American Society of Pediatric Gastroenterology, Hepatology and Nutrition, Orlando, FL, 10/2006
- \*Goday, PS, Kuhn EM, Sachdeva RC, MIKHAILOV TA., Does admission weight influence mortality and morbidity in the Pediatric Intensive Care Unit (PICU)?, Clinical Nutrition Week, Chicago, IL, 02/2008
- \*McArthur JA, MIKHAILOV TA, Rothchild C, Talano JA., Relationship between acetaminophen dosage and development of organ dysfunction during pediatric hematopoietic stem cell transplant, BMT Tandem Meetings, Tampa, FL, 02/2009
- Manzi J, Goday P, \*MIKHAILOV TA., Effects of Early Enteral Nutrition in PICU, NACHRI Creating Connections Conference, Nashville, TN, 03/2009
- Schindler C \*MIKHAILOV TA., Protecting Fragile Skin: Utilizing VPS for Research and Quality Improvement, NACHRI Creating Connections Conference, Nashville, TN, 03/2009
- Schindler CA, MIKHAILOV TA, \*Christensen M., Pressure Ulcer Prevention: Innovative Strategies in the PICU, NACHRI Creating Connections Conference, San Diego, CA, 03/2010
- \*Manzi J, MIKHAILOV TA, Goday P, Christensen M, Kuhn E, Lostocco L., Early Enteral Nutrition in PICU: Utilizing VPS for Research, NACHRI Creating Connections Conference, San Diego, CA, 03/2010
- \*Felauer A, MIKHAILOV T, Rice TB., Learning from our leaders: Creation of a visiting nurse scholar program as a means to a healthy work environment., National Association of Pediatric Nurse Practitioners 32nd Annual Conference on Pediatric Health Care, Baltimore, MD, 03/2011
- \*Felauer A, Magner K, MIKHAILOV T., Using LEAN to improve quality of care in the PICU., NACRI Creating Connections Conference, Baltimore, MD, 03/2011
- \*Goh V, Wakeham MK, MIKHAILOV TA, Goday PS., Obesity does not influence mortality and morbidity in critically ill children., North American society for Pediatric Gastroenterology, Hepatology and Nutrition, Orlando, FL, 10/2011
- \*Wakeham MK, Christensen MA, Manzi J, Connolly S, Kuhn EM, Scanlon MC, Goday PS, MIKHAILOV TA., Identifying a caloric requirement in critically ill children within 48 hours of admission is associated with early enteral nutrition., Clinical Nutrition Week, Orlando, FL, 01/2012
- \*Goday PS, Christensen MA, Manzi J, Connolly S, Kuhn EM, Wakeham MK, MIKHAILOV TA., Early enteral nutrition is associated with significantly lower mortality in critically ill children., Clinical Nutrition Week, Orlando, FL, 01/2012
- \*Schindler CA, \*Soetenga DJ, MIKHAILOV TA., Under pressure: Creating an effective model for quality care., NACHRI Creating Connections Conference, St. Louis, MO, 03/2012
- \*Panchal A, MIKHAILOV T, Goday P, Christensen MA, Manzi J, Connolly S., Safety of enteral feedings in critically ill children on vasoactive agents, Pediatric Academic Society Annual Meeting, Boston, MA, 04/2012 - 05/2012
- \*Schindler CA, MIKHAILOV TA., Innovative partnerships: Working together to achieve more., The Nineteenth Pediatric Critical Care Colloquium, Santa Monica, CA, 09/2012
- \*Goday P, Manzi J, Connolly S, Kuhn E, Wakeham M, Collins MM, \*MIKHAILOV TA, Scanlon M., Early enteral nutrition is associated with significantly lower mortality and lower PICU and hospital charges in critically ill children, Children's Hospital Association Annual Leadership Conference, Washington, DC, 10/2012
- \*Panchal A, Manzi J, Connolly S, Christensen M, Wakeham M, Goday P, MIKHAILOV T., Safety of enteral feedings in critically ill children on vasoactive agents, Society of Critical Care Medicine Annual Meeting, San Juan, PR, 01/2013
- MIKHAILOV TA, Kuhn EM, \*Manzi JN, Goday PS, Wakeham MK, Scanlon MC., Early enteral nutrition is associated with lower hospital charges in critically ill children, Pediatric Academy Society Conference, Washington, DC, 05/2013
- \*Meyer MT, MIKHAILOV TA, Kuhn EM, Collins MM, Scanlon MC., Pediatric specialty transport teams are

- not associated with lower mortality after 48 hours of PICU stay: A propensity analysis of the VPS database, Podium presentation, American Academy of Pediatrics National Conference and Exhibit, San Diego, CA, 10/2014
- \*Russell RA, Boucher L, Panchal AK, MIKHAILOV TA., Validation of vasoactive inotropic score in pediatric patients after cardiopulmonary bypass, Pediatric Academy Society, San Diego, CA, 04/2015
- \*Boville BM, Brown AM, Lostocco L, Davis AT, MIKHAILOV TA., Current landscape of enteral nutrition in pediatric intensive care units, Pediatric Academy Society, San Diego, CA, 04/2015
- Franke HA, Smith SR, Wise LJ, Fox JL, Singleton MA, \*MIKHAILOV TA, Rice TB., Identification of national nutrition measures for the pediatric intensive care unit, Pediatric Academy Society, San Diego, CA, 04/2015
- Fox J, Nelson A, Porada K, Anibaba F, Meyer M, Mikhailov T, Toth H, Stephany A, Rapidly building a pediatric hospital medicine advanced practice provider team, Children's Hospital Association Annual Leadership Conference, San Antonio, TX, 11/2018
- Brown AM, Mikhailov T, Irving SY, Leonard C, Singleton M, Srinivasan V, Allen C, Madsen E, Brown M, Forbes M, Continuous vs bolus NG feeding in intubated pediatric patients – A multi-centered trial, Critical Care Congress, Society of Critical Care Medicine, San Diego, CA, 02/2019
- Brown AM, Leonard C, Srinivasan V, Allen C, Singleton M, Madsen E, Mikhailov T, Irving S, Brown M, Nett S, Forbes M, Routine measurement of gastric residual volumes impairs delivery of enteral nutrition and does not predict adverse events in the pediatric ICU – A multi-center clinical trial, Nutrition Science and Practice Conference, American Society of Parenteral and Enteral Nutrition, Phoenix, AZ, 03/2019
- Kuester J, Fox J, Fabus N, Andres J, Entwistle J, Siddiqui S, Mikhailov T, PICU Enteral feeding protocol, National Conference on Pediatric Health Care, National Association of Pediatric Nurse Practitioners, New Orleans, LA, 03/2019
- Brown AM, Singleton M, Madsen E, Leonard C, Srinivasan V, Allen C, Mikhailov T, Irving S, Brown M, Nett S, & Forbes M, Continuous vs bolus NG feeding in intubated pediatric patients (COBO2) – Results of a multi-center clinical trial, Nutrition Science and Practice Conference, American Society of Parenteral and Enteral Nutrition, Phoenix, AZ, 03/2019
- De Vela G, Patel N, Browning M, Mikhailov T, A patient with an uptick in ferritin saved by doxycycline, Pediatric Hospital Medicine Conference, Seattle, WA, 07/25/2019 - 07/28/2019
- Powell MBF, Rajapreyar P, Yan K, Sirinit J, Murkowski K, Mikhailov T, Nutritional practices & outcomes in patients with pediatric acute respiratory distress syndrome, 2020 ASPEN Nutrition Science & Practice Conference, Tampa, FL, 03/28/2020 - 03/31/2020
- Roller M, Panchal A, Duesing L, Mikhailov T, Opiate-induced constipation in the PICU, 2021 ASPEN Nutrition Science & Practice Virtual Conference, Virtual, 03/20/2021 - 03/23/2021
- Gill H, Kuhn E, \*Mikhailov T, Rice T, Is nutritional status at admission associated with clinical outcomes in critically ill children?, 2021 ASPEN Nutrition Science & Practice Virtual Conference, Virtual, 03/20/2021 - 03/23/2021
- Gill H, Yan K, Rajapreyar P, Powell M, Mikhailov T, Impact of vasoactive medication on enteral nutrition in pediatric acute respiratory distress syndrome, 2021 ASPEN Nutrition Science & Practice Virtual Conference, Virtual, 03/20/2021 - 03/23/2021
- Magner K, Mikhailov T, Simpson P, Gedeit R, Redfern W, Dziedzic R, Buckman B, Anderson L, Margolis D, Meyer M, Dexmedetomidine in lymphocyte and stem cell collection, Virtual Pediatric Onco-Critical Care Symposium, Virtual, 04/15/2021
- Gill H, Kuhn E, Mikhailov T, Rice TB, Malnutrition and clinical outcomes in critically ill children on mechanical ventilation., ASPEN 2022 Nutrition Science & Practice Conference, Seattle, WA, 03/2022
- Vendiola D, Kuhn E, Mikhailov T, Rice TB, Does malnutrition affect clinical outcomes in septic patients in the pediatric intensive care unit?, ASPEN 2022 Nutrition Science & Practice Conference, Seattle, WA, 03/2022
- Sirinit J, Gill H, Kuhn E, Mikhailov T, Rice T, Is prematurity a risk factor for malnutrition?, Pediatric Academic Societies Annual Conference 2022, Denver, CO, 04/2022
- Gutzeit J, Pan A, Ruiz J, Simpson P, Mikhailov T, Pediatric intensive care length of stay for asthma: Does institution of origin contribute?, Society of Critical Care Medicine Annual Meeting, Virtual, 04/2022
- Higdon K, Mikhailov T, Scott J, Redfern W, Hoffman G, Mesenteric NIRS at rest and during feeding in healthy children., Society of Critical Care Medicine Annual Meeting, Virtual, 04/2022
- Godsey C, Gabor R, Oelstrom MJ, Hagen S, Peterson JC, Taylor J, Mikhailov T, A collaborative, retrospective study of pediatric critical illness in Wisconsin during COVID-19, Society of Critical Care

Medicine Annual Meeting, Virtual, 04/2022

- \*Huq S, Pareek R, Smith K, Mikhailov TA, Enteral nutrition in patients with acute viral bronchiolitis receiving non-invasive ventilation, Society of Critical Care Medicine Annual Meeting, San Francisco, CA, 01/2023
- \* Aldy K, Culbreth R, Hantsch C, Mikhailov T, Brundage N, Wax P, Brent J., Medical toxicology consultations for poisoned children managed in pediatric intensive care units., 2023 ACMT Annual Scientific Meeting, San Diego, CA, 03/2023 - 04/2023
- \*Culbreth R, Wax P, Aldy K, Hantsch C, Mikhailov T, Brundage N, Brent J., Pediatric Risk of Mortality-III (PRISM III) and Pediatric Index of Mortality (PIM3) Scores among pediatric poisonings, 2023 ACMT Annual Scientific Meeting, San Diego, CA, 03/2023 - 04/2023
- \*Vendiola DF, Pan AY, Andres J, Fabus N, Froh MM, Heisler R, Privatt MR, Seidl MRC, Wakeham MK, Mikhailov T, Improved caloric goal documentation in the pediatric intensive care unit through modification of standardization documentation: a quality improvement project, Accepted for poster presentation at Pediatric Academic Societies Annual Conference 2023, Washington, DC, 04/2023
- \*Huq S, Woudwyk A, Pareek R, Smith K, Mikhailov TA, Patients with bronchiolitis meeting goal nutrition with PICU enteral feeding guideline., ASPEN 2023 Nutrition Science & Practice Conference, Las Vegas, NV, 04/2023

### **Regional**

- Morohl M, Tyson P, \*Soetenga D, Wiesner M, Benson J, Marcdante K, MIKHAILOV, T., Nurses' Participation in Bedside Rounds in the PICU, The Fifth Annual Southeastern Wisconsin Nursing Research Conference, Milwaukee, WI, 05/2003
- Mertens KM, Hantsch CE, \*Stake CE, MIKHAILOV TA, Cichon ME., Prehospital Provider Participation and Support Needs for CBRN Events, "Illinois Health - A State of Affairs," Illinois College of Emergency Physicians Annual Meeting, Lisle, IL, 05/2004
- Ochoa A, Kuhn E, Mikhailov T, Development and validation of a nutrition screening tool for critically ill children, 2018 Pediatric Critical Care Regional Meeting, Madison, WI, 05/2018
- \*Ochoa A, Kuhn E, Mikhailov T., Development and validation of a nutrition screening tool for critically ill children, 2019 Latino Medical Students Association, Regional Conference, Chicago, IL, 02/2019
- Kuester J, Fox J, Fabus N, Andres J, Entwistle J, Siddiqui S, Mikhailov T, PICU Enteral feeding protocol, Pediatric Critical Care Regional Meeting on PICU Liberation, Milwaukee, WI, 05/2019
- \*Magner KM, Mikhailov T, Simpson P, Gedeit R, Redfern W, Anderson L, Buckman B, Dziedzic R, Margolis D, Meyer MT, Guideline development for sedated hematopoietic stem cell harvest apheresis in the PICU, Virtual Pediatric Critical Care Regional Meeting, La Crosse, WI, 04/20/2021
- \*Gutzeit J, Pan A, Ruiz J, Simpson P, Mikhailov T, Pediatric intensive care length of stay for asthma: Does institution of origin contribute?, American Pediatric Association Regions 5 & 6 Joint Virtual Conference, Virtual, 03/2022
- Green Bay, WI, May 16, 2023. \*Ellenbecker CR, Oelstrom MJ, Mikhailov TA, Validation of a Nutrition Screening Tool in Critically Ill Children, Accepted for oral presentation at the Virtual Fifth Annual Regional Pediatric Critical Care Consortium: Children with Medical Complexities in the PICU, Green Bay, 05/16/2022 - 05/16/2023
- 9. \*Montes D, Oelstrom MJ, Mikhailov TA, Meyer MT, Natale JE, Hagen S, Peterson J, Gabor R, Rice TB, Trauma, poisoning, and mental health admissions to pediatric intensive care units in California and Wisconsin during the COVID-19 pandemic., Accepted for oral presentation at the Virtual Fifth Annual Regional Pediatric Critical Care Consortium: Children with Medical Complexities in the PICU, Green Bay, WI, 05/16/2023

### **Local**

- Participation in monthly conference reviewing patient management and quality issues, Critical Care Fellows' Morbidity and Mortality Conference, Milwaukee, WI, 05/1999 - Present
- Participation in weekly conference addressing research issues and curriculum, Critical Care Fellows' Research Conference, Milwaukee, WI, 05/1999 - Present
- Infant Nutrition and Insulin-dependent Diabetes Mellitus, Critical Care Fellows' Research Conference, Milwaukee, WI, 09/1999
- What Stats When, Critical Care Fellows' Research Conference, Milwaukee, WI, 09/2000
- Medical-Legal Aspects of Critical Care Practice, Critical Care Fellows' Core Curriculum Conference, Milwaukee, WI, 11/2001

Infant Nutrition and Crohn's Disease, Critical Care Fellows' Research Conference, Milwaukee, WI, 03/2003

Writing a Paper, Critical Care Fellows' Research Conference, Milwaukee, WI, 05/2003

Nurses' Participation in Bedside Rounds in the PICU, The Fifth Annual Southeastern Wisconsin Nursing Research Conference, Milwaukee, WI, 05/2003

Writing a Biomedical Research Paper: Introduction and Methods, Critical Care Fellows' Research Conference, Milwaukee, WI, 03/2004

Writing a Biomedical Research Paper: Results and Discussion, Critical Care Fellows' Research Conference, Milwaukee, WI, 04/2004

The Relationship between Lack of Breastfeeding in Infancy, Genetic Susceptibility, and Development of Crohn's Disease in Children, Critical Care Fellows' Research Conference, Milwaukee, WI, 06/2004

Writing a Biomedical Research Paper, Introduction and Methods, Critical Care Fellows' Research Conference, Milwaukee, WI, 11/2004

Writing a Biomedical Research Paper, Results and Discussion, Critical Care Fellows' Research Conference, Milwaukee, WI, 01/2005

Genetic and Environmental Risk Factors for Crohn's Disease in Children, Critical Care Fellows' Research Conference, Milwaukee, WI, 06/2005

Writing a Biomedical Research Paper, Introduction and Methods, Critical Care Fellows' Research Conference, Milwaukee, WI, 10/2005

Writing a Biomedical Research Paper, Results and Discussion, Critical Care Fellows' Research Conference, Milwaukee, WI, 11/2005

Research Design: Defining the Study Question, Critical Care Fellows' Research Conference, Milwaukee, WI, 11/2007

Hypothesis Testing and Data Analysis, Critical Care Fellows' Research Conference, Milwaukee, WI, 11/2007

Rates, Study Designs, and Other Mysterious Topics, Critical Care Fellows' Research Conference, Milwaukee, WI, 04/2008

Rates, Study Designs, and Other Mysterious Topics, Critical Care Fellows' Research Conference, Milwaukee, WI, 10/2008

Rates, Study Designs, and Other Mysterious Topics, Critical Care Fellows' Research Conference, Milwaukee, WI, 01/2011

Evidence-Based Medicine, Joint Fellowship Curriculum, Milwaukee, WI, 10/2011

\*Magner KM, Mikhailov T, Simpson P, Gedeit R, Redfern W, Anderson L, Buckman B, Dziedzic R, Margolis D, Meyer MT, Guideline development for sedated hematopoietic stem cell harvest apheresis in the PICU, Virtual Poster Display on Children's CONNECT Website, 05/06/2021 - 05/12/2021

\*Gutzeit J, Pan A, Ruiz J, Simpson P, Mikhailov T, Pediatric intensive care length of stay for asthma: Does institution of origin contribute?, 2022 Best Practices in Pediatrics, 06/2022

#### **COMMITTEE SERVICE:**

##### **Medical College of Wisconsin**

1994 - 1997 Interviewer of Applicants, Rush Medical College

1995 - 1999 Member, Selection Committee, Pediatrics House Staff, Rush Medical College

1995 - 1999 Co-Chair, Staff Journal Club Committee, Pediatric House, Rush Medical College

1997 - 1999 Member, House Staff Selection Committee, Combined Internal Medicine-Pediatrics Program, Rush Medical College

1998 - 1999 Member, House Staff Evaluation Committee, Pediatric Residency Program, Rush Medical College

2000 - 2003 Member, Pediatric Outcomes Research Workgroup, Department of Pediatrics, Medical College of Wisconsin

2003 - 2004 Member, Ad Hoc Committee of the Curriculum Evaluation Committee, M1 Medical Information Management Course, Medical College of Wisconsin

2003 - 2009 Alternate Representative, Faculty Council, Medical College of Wisconsin

2003 - 2019 Medical Director, Pediatric Critical Care Nurse Practitioner Program, Medical College of Wisconsin

2007 - 2016 Medical Director, Pediatric Critical Care Nutrition Program, Medical College of Wisconsin

2011 - 2019 Administrative Leader, Pediatric Palliative Care Nurse Practitioner Program, Medical College of Wisconsin

2014 - 2019 Critical Care Leadership Team, •TBR Summit Planning Committee, 2017-2018 •AI's Run Planning Committee, 2017, Department of Pediatrics, Medical College of Wisconsin  
2015 - 2016 Mentoring Advisory Committee, Department of Pediatrics, Medical College of Wisconsin  
2019 - 2020 Academic Director, Pediatric Critical Care Advanced Practice Provider Program, Department of Pediatrics, Medical College of Wisconsin  
2020 - Present Member, CSG APP Fellowship Advisory Committee, Medical College of Wisconsin  
2020 - 2022 Leader, Nutrition Quality Improvement Project, Critical Care Improvement Project, Pediatrics, Medical College of Wisconsin  
2021 - Present Research and Education Core Team for Community and General Pediatrics, Pediatrics, Medical College of Wisconsin  
2022 - Present Medical Director, CSG APP Fellowship Committee, Medical College of Wisconsin

### **Hospital**

1992 - 1999 Medical Director, Pediatric Transport Program, Cook County Children's Hospital  
1993 - 1994 Member, Ad Hoc Search Committee for Director of Pediatric Medical Education, Department of Pediatrics, Cook County Children's Hospital  
1994 - 1999 Member, Transfusion Committee, Department of Pediatrics, Cook County Children's Hospital  
1994 - 1995 Member, PICU Planning Committee, Cook County Children's Hospital  
1995 - 1997 Chair, Ad Hoc Committee on Pediatric Transport, Department of Pediatrics, Cook County Children's Hospital  
1996 - 1999 Chair, Pediatric Transport Committee, Rush-Presbyterian-St. Luke's Medical Center  
1997 Head, Ad Hoc Search Committee for Medical Director, Division of Critical Care, Pediatric Intensive Care Unit, Cook County Children's Hospital  
1999 - 2020 Associate Medical Director, Pediatric Intensive Care Unit, Children's Hospital of Wisconsin  
1999 - 2006 Member, Blood Usage Committee, Children's Hospital of Wisconsin  
1999 - 2001 Associate Chair, Codes and Resuscitation Committee, Children's Hospital of Wisconsin  
2000 - 2007 Member, Collaborative Practice Committee, Pediatric Intensive Care Unit, Children's Hospital of Wisconsin  
2000 - 2003 Chair, Pediatric Intensive Care Unit Collaborative Practice Committee, Clinical Expertise Subgroup, Children's Hospital of Wisconsin  
2000 - 2004 Member, Pediatric Intensive Care Unit Collaborative Practice Committee, Communication Subgroup, Children's Hospital of Wisconsin  
2001 - 2002 Member, Rapid Cycle Improvement Internal Collaborative: Improving Work Processes, PICU Team, Children's Hospital of Wisconsin  
2001 - 2009 Outcomes Research Consultant, Codes and Resuscitation Committee, Children's Hospital of Wisconsin  
2003 - 2004 Member, Family Advisory Committee, Children's Hospital of Wisconsin  
2005 - 2014 Member, PICU FOCUS Group, National Association of Children's Hospitals and Related Institutions  
2006 - 2008 Member, PICU Quality and Data Utilization Committee, Children's Hospital of Wisconsin  
2006 - 2007 Member, Parliamentary Committee, Children's Hospital of Wisconsin  
2007 - 2019 Chair, Parliamentary Committee, Children's Hospital of Wisconsin  
2008 - 2010 Physician Lead, LEAN Project in PICU, Children's Hospital of Wisconsin  
2009 - 2010 Member, Balanced Score Card Initiative for Prevention of Pressure Ulcers Physician Champion, Children's Hospital of Wisconsin  
2012 - 2016 Member, Utilization Committee, Children's Hospital of Wisconsin  
2014 - 2015 Ad Hoc Subcommittee of Pharmacy and Therapeutics Committee, D70 Shortage Oversight Committee, Children's Hospital of Wisconsin  
2015 - Present Member, Critical Care Research Opportunities Committee, Children's Hospital of Wisconsin  
2016 - Present Chair, PICU Feeding Protocol Development Team, Children's Hospital of Wisconsin  
2016 - Present Chair, PICU Bowel Regimen Protocol Development Team, Children's Hospital of Wisconsin  
03/2017 - 06/2019 Co-Chair, PICU Management of CAR-T Patients, Children's Hospital of Wisconsin  
07/2017 - Present Physician Advisor, Clinical Documentation Integrity, Children's Hospital of Wisconsin  
08/2018 - 09/2018 Nominations Committee for Medical Staff, Children's Hospital of Wisconsin

10/2018 - Present Physician Advisor, Utilization Management, Children's Hospital of Wisconsin  
08/2021 - Present Nutrition Support Committee, Children's Hospital of Wisconsin

**MCW TEACHING ACTIVITIES:**

**Medical Student Education**

12/2003 - 06/2015 Course Director, Senior Medical Student Rotation in Pediatric Intensive Care Medicine  
04/2020 - 06/2023 Preceptor for Harpreet Gill, M1 in 2020 Medical Student Summer Research Program and Honors in Research elective

**Resident and Fellow Education**

05/1999 - Present Attending Physician: Pediatric Intensive Care Unit - Children's Hospital of Wisconsin - 12-16 weeks/academic year: teaching rounds and didactic sessions  
05/1999 - 03/2009 Attending Physician: Intermediate Intensive Care Unit - Children's Hospital of Wisconsin - 4-6 weeks/academic year: teaching rounds and didactic sessions  
05/1999 - Present Critical Care Fellows' Morbidity and Mortality Conference participation to review patient management and quality issues  
05/1999 - 03/2009 Critical Care Fellows' Research Conference - Participate, present and contribute commentary regarding study design and data analysis  
05/1999 - Present Critical Care Fellows' Core Curriculum Conference - Participation in weekly conference addressing critical care issues  
07/2002 - 06/2010 Pediatric Intensive Care Unit Orientation - Children's Hospital of Wisconsin - 1 hour session, 13 times per year  
07/2007 - 03/2009 Intermediate Intensive Care Unit Orientation - Children's Hospital of Wisconsin - 1 hour session, 13 times per year  
07/2008 - 05/2011 Resident Quality Improvement Project - Children's Hospital of Wisconsin - 1 hour meeting with senior residents, quarterly  
10/2011 Presented - Joint Fellowship Curriculum  
11/2012 Presented - Joint Fellowship Curriculum  
11/2013 Presented - Joint Fellowship Curriculum  
01/2015 - 05/2016 Scientific Writing Curriculum for Pediatric Critical Care Fellows - Monthly sessions reviewing components of a scientific manuscript  
07/2019 - 06/2020 Bedside Teaching Rounds, Weekly conference for fellows and APPs to discuss topics of interest  
09/2022 Joint Fellowship Curriculum, Facilitator for small group session on writing an abstract for second year fellows, conducted in interactive format  
10/2022 - 05/2024 Scientific Writing Curriculum for Pediatric Critical Care Fellows, Reviewer, Review of written work by senior fellows  
10/2022 - 05/2023 Scientific Writing Curriculum for Pediatric Critical Care and Cardiology Fellows, Reviewer, Review of written work by senior fellows  
11/2022 Joint Fellowship Curriculum, Facilitator for small group session on writing a manuscript for third year fellows, conducted in interactive format

**Continuing Medical Education**

06/2001 - 2004 Pediatric Advanced Life Support - Various Lectures - Teaching and/or evaluation stations - Taught 2-3 times/year

**EXTRAMURAL TEACHING:**

**Medical Student Education**

03/1993 Rush Medical College, Presenter, Junior Medical Student Rotation in Pediatrics Care of the Post-operative Patient  
07/1995 - 04/1999 Rush Medical College, Pediatric Subinternship, direct supervision of Senior Medical Student, on average 1 student per year

**Graduate Student Education**

07/1992 - 04/1999 Rush Medical College, Pediatric Advanced Life Support, various lectures plus teaching



and/or evaluation stations taught to groups of 25 or more health care personnel, taught twice per year  
01/1995 - 08/1997 Rush Medical College, Pediatric Critical Care Nurse Practitioner Course, 2-3 graduate nursing students/semester, several didactic lectures and bedside teaching

### **Resident and Fellow Education**

- 07/1992 - 04/1999 Cook County Children's Hospital, Critical Care Case Review -Monthly conference to review all patients admitted to Pediatric Intensive Care Unit and all pediatric patients admitted to Burn Intensive Care Unit
- 07/1992 - 04/1999 Rush Children's Hospital, Critical Care Case Review -Monthly conference to review all patients admitted to Pediatric Intensive Care Unit
- 07/1992 - 04/1999 Rush Children's Hospital, Attending Physician: Pediatric Intensive Care Unit 2 months/academic year: teaching rounds and didactic sessions
- 07/1992 - 04/1999 Cook County Children's Hospital, Attending Physician: Pediatric Intensive Care Unit . 2 months/academic year: teaching rounds and didactic sessions semi-annual performance evaluations consistently at superior level
- 03/1993 - 04/1999 Rush Medical College, "Pediatric Transport," seminar for senior pediatric residents to prepare for role as transport physician, taught twice per year
- 07/1994 - 07/1996 Rush Medical College, "Pediatric Resuscitation," lecture given annually in July to 16-18 pediatric interns during intern orientation program
- 04/1997 - 04/1999 Cook County Children's Hospital, "Pediatric Transport," seminar for senior pediatric residents to prepare for role as transport physician, taught twice per year
- 10/2015 - 05/2020 Medical College of Wisconsin/Children's Hospital of Wisconsin, Scientific Writing Curriculum for Pediatric Critical Care Fellows - Monthly sessions reviewing components of a scientific manuscript - Review of written work by senior fellows and select group of pediatric nurse practitioners
- 07/2019 - Present Children's Hospital of Wisconsin, Journal Club Facilitator, 1-hour monthly sessions, review with presenters in advance

### **MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:**

#### **Medical Students**

- 12/2003 - 06/2015, Course Director, Senior Medical Student Rotation in Pediatric Intensive Care Medicine, Medical College of Wisconsin
- 12/2010 - 05/2011 Nancy Stevens, Pathway Advisor in Master Clinician Pathway, Medical College of Wisconsin
- 10/2016 - 05/2020 Kinnari Rajesh Buch, Pathway Advisor in Global Health Pathway, Medical College of Wisconsin
- 10/2016 - 06/2021 Alejandro Ochoa Ramirez, Pathway Advisor in Physician Scientist Pathway, Medical College of Wisconsin
- 05/2017 - 05/2019 Aaron Sandock, Preceptor in 2017 Medical Student Summer Research Program, Medical College of Wisconsin
- 12/2018 - 06/2022 Jitsupa Sirit, Pathway Advisor in Quality Improvement Pathway and Research Elective, Medical College of Wisconsin
- 04/2020 - Present Harpreet Gill, Preceptor in 2020 Medical Student Summer Research Program and Honors in Research elective, Medical College of WI, • Presentation of poster at MCW Student Research Day, October 2020 • Presentation of poster at American Society of Parenteral and Enteral Nutrition, Nutrition Science & Practice Conference, held virtually, March 2021 • Abstract accepted for oral presentation at American Society of Parenteral and Enteral Nutrition, Nutrition Science & Practice Conference, Seattle, WA, March 2022
- 12/2020 - Present Danica Vendiola, Pathway Advisor M1 in Quality Improvement Pathway and 2021 Medical Student Summer Research Program, Medical College of Wisconsin
- 10/2022 - Present Marissa Stutzman, Research Advisor, Medical College of WI
- 12/2022 - Present Anna Burneske, Preceptor in 2023 Medical Student Summer Research Program, Medical College of WI

#### **Clinical/Research Fellows**

- 10/1999 - 06/2001 Michael Meyer, M.D., Clinical Research Advisor, Medical College of Wisconsin

- 01/2011 - 06/2013 Apurva Panchal, M.D., Clinical Research Advisor, Medical College of Wisconsin
- 03/2011 - 04/2011 Christopher Page-Goertz, M.D., Journal Club Advisor, Medical College of Wisconsin
- 09/2011 - 06/2012 Vi Goh, MD, Clinical Research Advisor, Medical College of Wisconsin
- 11/2011 Apurva Panchal, M.D., Journal Club Advisor, Medical College of Wisconsin
- 01/2012 Christopher Page-Goertz, M.D., Journal Club Advisor, Medical College of Wisconsin
- 01/2016 - 07/2017 Melissa Bennetts, DNP, RN, CPNP, Research: Assisted in development of research project on mucositis in Hematology-Oncology-Transplant (HOT) patients, Medical College of Wisconsin, Resulted in acceptance of abstract for international meeting
- 01/2018 - Present Matthew Powell, MD, Clinical Research Advisor, Medical College of Wisconsin, Scholarship Oversight Committee, Mentor -Resulted in submission of abstract to ASPEN 2020 Nutrition Science & Practice Conference, Abstract accepted for oral presentation at ASPEN 2020 Nutrition Science & Practice Conference
- 02/2020 - Present Katherine Higdon, MD, Clinical Research Advisor, Medical College of Wisconsin
- 02/2020 - Present Katherine Higdon, MD, Clinical Research Advisor, Medical College of Wisconsin, Scholarship Oversight Committee, Mentor, Directed literature review, Directed development of study design and of written proposal, Review of abstract submissions, resulted in successful acceptance for presentation at virtual regional conference and national conference
- 05/2021 - Present Jon Gutzeit, MD, Clinical Research Advisor, Medical College of WI, • Supported literature review • Supported development of study design and of written proposal • Supported data analysis plan • Reviewed and interpreted data analysis • Supported preparation of an abstract for submission to national conference • Resulted in acceptance of abstract and presentation of abstract at a regional conference and a national conference • Manuscript in preparation

### **Residents**

- 05/2016 - 05/2017 Purabi Sonowal, M.D., Assisted in development of medical communication skills, Medical College of Wisconsin, Resulted in improved performance on clinical rotations and successful completion of Preliminary Pediatric Residency and acceptance into Child Neurology residency program at Michigan State University
- 09/2018 - Present Gabe de Vela, MD, Mentor - Advised on development of case report for submission to national meeting and for publication, Medical College of Wisconsin, Resulted in acceptance of abstract for presentation at national meeting, Resulted in submission of manuscript, Resulted in presentation for Professor Rounds at Children's Hospital of Wisconsin

### **Faculty**

- 02/2008 - 12/2015 Joyce Owens, RD, CD, CNSC, Mentor, Medical College of WI, • Provided extensive editorial support during writing of invited review of nutrition in infants following cardiac surgery • Resulted in successful publication of review article • Resulted in successful publication of manuscript • Guided development of proposal for GEM (Grow, Eat, Munch) an educational gardening experience for children • Guided administrative activities related to program • Reviewed all didactic presentations • Project still in progress, first year completed successfully • Project suspended in 2015 due to administrative issues
- 03/2013 - 06/2016 Rebecca Russell, M.D., Mentor - Guided development of proposal for study to evaluate whether Vasoactive Inotrope Score is associated with outcomes in pediatric patients after cardiac surgery with cardiopulmonary bypass - Guiding progression of this study, Medical College of Wisconsin
- 09/2016 - Present Rita Alvarez, MD, Mentor and Member, Career Development Committee, Medical College of Wisconsin
- 01/2017 - Present Krisjon Olson, PhD, Mentor and Advisor, Medical College of Wisconsin

## **EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS MENTORED:**

### **Medical Students**

- 10/2022 - Present Brianna Celix, Pathway Advisor in Global Health Pathway and Mentor for Scholarly Project
- 10/2022 - Present Kathryn Tobert, Research Advisor
- 12/2022 - Present Elias Wojahn, Preceptor in 2023 Medical Student Summer Research Program

## **Graduate Students**

### **MS Students Advised**

08/1997 - 12/1997, Teaching Assistant, Introduction to Epidemiology, 25 graduate students, didactic session (2 hours/week), University of Illinois at Chicago

### **PhD**

01/2006 - 12/2010 Christine Schindler, RN, MSN, CPNP, Mentored during dissertation phase of PhD program, Marquette University School of Nursing

### **Students Advised**

06/2012 - 09/2012 Daniel Mgbbor, Assisted in conduct of management study of resource planning for PICU - Resulted in successful completion of project - Resulted in successful completion of student's Master's Thesis, University of Southampton, United Kingdom

07/2014 - 09/2014 Vincent Plecard, Assisted in conduct of management study of resource planning for PICU and potential observation status patients - Resulted in successful completion of project - Student's Master's Thesis completed, Graduate Student in Management Science - University of Southampton, United Kingdom

07/2013 - 06/2014 Joseph Hantsch, M.A., Provided guidance in development of proposal for Master's Thesis project, Graduate Student in Epidemiology, University of Illinois, Chicago

01/2015 - 07/2015 Melissa Bennetts, RN, MSN, CPNP, Assisted in interpretation of statistical analysis for research project on hand off between operating room nurses and intensive care unit nurses with focus on skin integrity • Assisted in development of presentation for doctoral committee • Assisted in development of manuscript based on this project, University of South Alabama, School of Nursing

## **Clinical/Research Fellows**

07/1995 - 06/1997 Paul Severin, M.D., Designed a study of factors reflecting severity of asthma exacerbation in pediatrics, Rush Medical College

07/1996 - 10/1998 Aileen Kirby, M.D., Designed a study to evaluate the role of dexamethasone in preventing post-extubation stridor in children, Rush Medical College

01/2001 - 03/2001 Edmundo Cortez, M.D., Clinical Research Advisor, Fellow in Pediatric Critical Care Medicine

02/2002 - 09/2002 Janetta Kelly, M.D., Clinical Mentorship, Fellow in Pediatric Critical Care Medicine

07/2002 - 11/2002 Kelly Skoumal, D.O., Clinical Research Advisor, Fellow in Pediatric Critical Care Medicine

12/2002 - 01/2003 K. Jane Lee, M.D., Clinical Research Advisor, Fellow in Pediatric Critical Care Medicine

11/2015 - 06/2017 Jesse Stringer, M.D., Scholarship Oversight Committee, Mentor, Critical Care Fellow, Medical College of Wisconsin

03/2019 - 06/2021 Elitsa Nicolaou, MD, Clinical Research Advisor, Northwestern University, Feinberg School of Medicine

10/2020 - Present Sabrina Huq, MD, Clinical Research Advisor, Helen DeVos Children's Hospital

## **Residents**

07/1993 - 06/1994 Ed Catibog, M.D., Designed and conducted a study of clinical indicators of severity of illness in patients with status asthmaticus. Resulted in Dr. Catibog's successful completion of research elective in pediatrics., Rush Medical College

05/1999 - Present 12-16 weeks/academic year: teaching rounds and didactic sessions, Attending Physician: Pediatric Intensive Care Unit, Children's Hospital of Wisconsin

## **Faculty**

01/1995 - 04/1999 Tina Slusher, M.D., Advisor for Clinical Research to Critical Care Section, Rush Medical College

01/1995 - 04/1999 Phillip A. Jacobson, M.D, Advisor for Clinical Research to Critical Care Section, Rush Medical College

01/1995 - 04/1999 Steven D. Barnes, M.D., Advisor for Clinical Research to Critical Care Section, Rush Medical College

01/1995 - 04/1999 William R. Hayden, M.D, Advisor for Clinical Research to Critical Care Section, Rush

Medical College  
03/2013 - 06/2016 Apurva Panchal, M.D., Mentor - Guided development of proposal for study to evaluate whether Vasoactive Inotrope Score is associated with outcomes in pediatric patients after cardiac surgery with cardiopulmonary bypass - Guiding analysis of data for this study, University of Kansas Medical Center

## **PROGRAMMATIC DEVELOPMENTS:**

### **Educational Programs**

#### **Student**

07/2007 - 2011 Medical College of Wisconsin/Marquette School of Nursing - Development of Acute Care Pediatric Nurse Practitioner Curriculum

#### **Fellow**

06/1996 - 05/1997 Cook County Children's Hospital - Development and implementation of educational curriculum for stabilization and transport of critically ill children for pediatric residents

06/2014 - 2019 Medical College of Wisconsin/Marquette School of Nursing - Development of Pediatric Nurse Practitioner Fellowship in Critical Care - pursuit of DNP

10/2014 - 05/2015 Medical College of Wisconsin - Curriculum Development - Development of Scientific Writing Curriculum for Pediatric Critical Care Fellows

#### **Faculty**

07/2021 - Present Development of Nutrition Quality Improvement Collaborative through VPS

### **Research Programs**

07/2015 - 12/2020 Development of Nutrition Module for VPS

### **Clinical Programs**

07/1992 - 06/1993 Rush-Presbyterian-St. Luke's Medical Center - Development of Pediatric Transport Program for stabilization and transport of critically ill children-design and implementation of educational curriculum

07/1994 - 12/1994 Rush Medical College - Assisted in design of Fellowship Program in Pediatric Critical Care Medicine that was successfully accredited by the Residency Review Committee

08/1994 - 10/1998 Rush-Presbyterian-St. Luke's Medical Center-Development of Pediatric Transport Program, stabilization and transport of critically ill children affiliated program at Illinois Masonic Medical Center

09/2003 - 06/2019 Medical College of Wisconsin - Development of Pediatric Critical Care Nurse Practitioner Program

06/2007 - 12/2016 Medical College of Wisconsin - Development of Pediatric Critical Care Clinical Nutrition Program

## **COMMUNITY SERVICE ACTIVITIES:**

02/1992 - Present Volunteer Physician, Heart to Heart Pediatric Cardiac Surgery Exchange Program, Children's Hospital Number 1, St. Petersburg, Russia

10/1992 - Present Volunteer Physician, Heart to Heart Pediatric Cardiac Surgery Exchange Program, Children's Hospital Number 1, St. Petersburg, Russia

09/2001 - 06/2002 Substitute Health Room Volunteer, Burleigh Elementary School, Elmbrook School District, Brookfield, WI

09/2002 - 06/2003 Parent Volunteer, Emergency Telephone Tree, Burleigh Elementary School, Elmbrook School District, Brookfield, WI

09/2002 - 05/2003 Health Room Volunteer, Burleigh Elementary School, Elmbrook School District, Brookfield, WI

07/2011 - Present President/Treasurer, Vincent Park Homeowners Association

08/2013 - 09/2016 President, Vincent Park Homeowners Association, Brookfield, WI

## **CLINICAL DIETITIAN SPECIALIST MENTORED:**

- 02/2008 - 12/2008 Joyce Owens, RD, CD, CNSC - Provided extensive editorial support during writing of invited review of nutrition in infants following cardiac surgery
- 07/2011 - 03/2012 Joyce Owens, RD, CD, CNSC - Provided extensive editorial support during writing of chapter on nutrition considerations in infants in critical illness
- 01/2013 - Present Joyce Owens, MS, RD, CD, CNSC - Guided development of proposal for GEM (Grow, Eat, Munch) an educational gardening experience for children - Guided administrative activities related to program - Reviewed all didactic presentations - Project still in progress, first year completed successfully
- 01/2013 - 09/2013 Joyce Owens, MS, RD, CD, CNSC - Provided extensive direction and editorial assistance in preparation of manuscript on nutrients in patients with leukemia - Resulted in successful publication of manuscript

**CLINICAL/ RESEARCH NURSE PRACTITIONERS MENTORED:**

- 06/2005 - 06/2006 Christine Schindler, RN, MSN, CPNP - Guided development and conduct of pilot study to evaluate incidence of skin breakdown in critically ill and injured children
- 07/2007 - 01/2011 Christine Schindler, PhD, RN, CPNP - Guided development and conduct of multicenter study through NACHRI PICU FOCUS Group to prevent development of pressure ulcer development in critically ill children
- 07/2008 - 05/2013 Jennifer Manzi, MSN, RN, CPNP - Guided participation in all phases of multicenter research study through NACHRI PICU FOCUS Group of enteral nutrition and impact on outcomes in critically ill children
- 07/2009 - Present Susan Connolly, MSN, RN, CPNP - Guided development of professional communication skills appropriate to role as advanced practice provider
- 01/2011 - 12/2013 Leslie Talbert, DNP, RN, CPNP - Supported development and conduct of multicenter study through NACHRI PICU FOCUS Group to prevent urinary tract infection in critically ill children
- 11/2012 - 03/2013 Jennifer Manzi, RN, MSN, CPNP - Guided writing of chapter for review textbook for certification renewal for Acute Care Pediatric Nurse Practitioners - Resulted in successful (anticipated) publication of chapter in review textbook
- 12/2012 - 08/2013 Jennifer Manzi, RN, MSN, CPNP - Guided writing of chapter for textbook on nutrition in critically ill children - Resulted in successful publication of textbook chapter
- 07/2013 - Present Leslie Talbert, DNP, RN, CPNP - Provided extensive editorial support during writing of case study on patient with new diagnosis of cystinosis - Abstract submitted to National Association of Pediatric Nurse Practitioners for panel presentation at 2015 national conference
- 06/2014 - 06/2015 Lindsey Boucher, RN, MSN, CPNP - Provided guidance for development of study to evaluate whether Vasoactive Inotrope Score is associated with outcomes in pediatric patients after cardiac surgery with cardiopulmonary bypass - Provided guidance in data collection - Provided guidance in development of abstract - Resulted in poster presentation at national meeting
- 01/2016 - 07/2017 Melissa Bennetts, DNP, RN, CPNP Critical Care Pediatric Nurse Practitioner, Medical College of Wisconsin • Assisted in development of research project on mucositis in Hematology-Oncology-Transplant (HOT) patients • Resulted in acceptance of abstract for international meeting

**INVITED REVIEWER:**

- 2014 Grant Reviewer, Digestive Center, Medical College of Wisconsin
- 2015 - 2016 New England Journal of Medicine
- 2016 - Present PLOS ONE
- 2017 - Present Critical Care Medicine
- 2017 - Present Nutrients
- 2017 - Present BMC Research Notes
- 2017 - Present Journal of Paediatrics and Child Health
- 2018 - Present Scholar One
- 2018 - Present Nutrition and Metabolic Insights
- 2018 - Present Journal of Pediatric Infectious Diseases
- 2018 - Present Pharmaceutics
- 2018 - Present Pediatrics
- 2018 - Present Lisdén Publishing
- 2018 - Present Pharmacy
- 2019 - Present BMC Pediatrics

2019 - Present Pediatric Research  
2019 - Present The Egyptian Heart Journal  
2019 - Present Journal of Pediatric Gastroenterology & Nutrition  
2020 - Present International Journal of Environmental Research and Public Health  
2020 - Present BMJ Open  
2021 - Present Critical Care Explorations  
2021 - Present Scientific Reports  
2022 - Present Children

#### **OTHER CLINICAL ACTIVITIES:**

10/2001 - 09/2014 Case Management Physician

### **BIBLIOGRAPHY**

#### **Refereed Journal Publications/Original Papers**

1. Fineman JR, Wong J, Mikhailov T, Vanderford PA, Jerome HE, Soifer SJ. Altered endothelial function in lambs with pulmonary hypertension and acute lung injury. *Pediatr Pulmonol.* 1999 Mar;27(3):147-56.
2. Lipton R, Good G, Mikhailov T, Freels S, Donoghue E. Ethnic differences in mortality from insulin-dependent diabetes mellitus among people less than 25 years of age. *Pediatrics.* 1999 May;103(5 Pt 1):952-6.
3. Berens RJ, Meyer MT, Mikhailov TA, Colpaert KD, Czarnecki ML, Ghanayem NS, Hoffman GM, Soetenga DJ, Nelson TJ, Weisman SJ. A prospective evaluation of opioid weaning in opioid-dependent pediatric critical care patients. *Anesth Analg.* 2006 Apr;102(4):1045-50.
4. Schindler CA, Mikhailov TA, Fischer K, Lukasiewicz G, Kuhn EM, Duncan L. Skin integrity in critically ill and injured children. *Am J Crit Care.* 2007 Nov;16(6):568-74.
5. Mikhailov TA, Furner SE. Breastfeeding and genetic factors in the etiology of inflammatory bowel disease in children. *World J Gastroenterol.* 2009 Jan 21;15(3):270-9. PMID: PMC2653323
6. Schindler CA, Mikhailov TA, Kuhn EM, Christopher J, Conway P, Ridling D, Scott AM, Simpson VS. Protecting fragile skin: nursing interventions to decrease development of pressure ulcers in pediatric intensive care. *Am J Crit Care.* 2011 Jan;20(1):26-34; quiz 35.
7. Jamieson D, Mikhailov TA, Maletta K, Kuhn EM, Giuliani L, Musolf J, Fischer K, Collins M. Can utilization review criteria be used to determine appropriate pediatric patient placement for a critical care bed expansion? *J Healthc Manag.* 2011;56(5):305-17; discussion 317-8.
8. Niebler RA, Christensen M, Berens R, Wellner H, Mikhailov T, Tweddell JS. Antithrombin replacement during extracorporeal membrane oxygenation. *Artif Organs.* 2011 Nov;35(11):1024-8.
9. Bolick BN, Haut C, Reuter-Rice K, Leflore J, McComiskey CA, Mikhailov TA, Cavender JD, Creaden JA, McLeod R, Verger J. The acute care pediatric nurse practitioner: curriculum overview. *J Pediatr Health Care.* 2012;26(3):231-7.
10. Brown AM, Christie LM, Higgerson RA, Mikhailov TA, Stojadinovic BJ, Forbes ML. A national survey of PICU nurse practitioners--opportunities to standardize practices and optimize service delivery. *Pediatr Nurs.* 2012;38(5):249-50, 277.
11. Goh VL, Wakeham MK, Brazauskas R, Mikhailov TA, Goday PS. Obesity is not associated with increased mortality and morbidity in critically ill children. *JPEN J Parenter Enteral Nutr.* 2013 Jan;37(1):102-8.
12. Schloemer N, Lincoln A, Mikhailov T, Collins C, DiRocco J, Kehl KS, Chusid MJ Fatal disseminated *Pythium insidiosum* infection in a child with Diamond-Blackfan anemia *Infectious Diseases in Clinical Practice.* 21(4), July 2013, p e24–e26
13. Wakeham M, Christensen M, Manzi J, Kuhn EM, Scanlon M, Goday PS, Mikhailov TA. Registered dietitians making a difference: early medical record documentation of estimated energy requirement in critically ill children is associated with higher daily energy intake and with use of the enteral route. *J Acad Nutr Diet.* 2013 Oct;113(10):1311-6.
14. Schindler CA, Mikhailov TA, Cashin SE, Malin S, Christensen M, Winters JM. Under pressure: preventing pressure ulcers in critically ill infants. *J Spec Pediatr Nurs.* 2013 Oct;18(4):329-41.
15. Owens JL, Hanson SJ, McArthur JA, Mikhailov TA. The need for evidence based nutritional guidelines for pediatric acute lymphoblastic leukemia patients: acute and long-term following treatment. *Nutrients.* 2013 Oct 31;5(11):4333-46. PMID: PMC3847733
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- children. *JPEN J Parenter Enteral Nutr.* 2014 May;38(4):459-66.
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  18. Panchal AK, Manzi J, Connolly S, Christensen M, Wakeham M, Goday PS, Mikhailov TA. Safety of Enteral Feedings in Critically Ill Children Receiving Vasoactive Agents. *JPEN J Parenter Enteral Nutr.* 2016 Feb;40(2):236-41.
  19. Meyer MT, Mikhailov TA, Kuhn EM, Collins MM, Scanlon MC. Pediatric Specialty Transport Teams Are Not Associated With Decreased 48-Hour Pediatric Intensive Care Unit Mortality: A Propensity Analysis of the VPS, LLC Database. *Air Med J.* 2016;35(2):73-8.
  20. Goday PS, Kuhn EM, Mikhailov TA. Early parenteral nutrition in critically ill children not receiving enteral nutrition is associated with significantly higher mortality. *JPEN*, in submission.
  21. Mikhailov TA, Christensen MA, Furner SE. A matched case-control study of breastfeeding and other factors in pediatric Crohn's disease *Adv Pediatr Res.* 2017, 4:4. DOI:10.12715/apr.2017.4.4.
  22. Mikhailov TA, Gertz SJ, Kuhn EM, Scanlon MC, Rice TB, Goday PS. Early enteral nutrition is associated with significantly lower hospital charges in critically ill children *Journal Parenteral Enteral Nutrition.* *JPEN J Parenter Enteral Nutr.* 2018, 00(0):1-6. DOI: 10.1002/jpen.1025.
  23. Mikhailov TA, Gertz SJ, Kuhn EM, Scanlon MC, Rice TB, Goday PS. Early Enteral Nutrition Is Associated With Significantly Lower Hospital Charges in Critically Ill Children. *JPEN J Parenter Enteral Nutr.* 2018 Jul;42(5):920-925.
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  25. Stojadinovic B, Schindler CA, Callahan MF, O'Brien M, Rice TB, Mikhailov T. Creation and Implementation of a Pediatric Advanced Practice Nurse Critical Care Fellowship Program. *J Pediatr Health Care.* 2019;33(5):595-602.
  26. Mikhailov TA, Manzi J. Preparation for practice: Interprofessional practice, certification, licensure, credentialing, documentation, billing, and coding: Interprofessional collaboration: Interprofessional teams *Lippincott Certification Review: Pediatric Acute Care Nurse Practitioner.* 10 August 2015.
  27. Schloemer NJ, Lincoln AH, Mikhailov TA, Collins CL, Di Rocco JR, Kehl SC, Chusid MJ. Fatal disseminated pythium insidiosum infection in a child with diamond-blackfan anemia *Infectious Diseases in Clinical Practice.* July 2013;21(4).
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  29. Powell MBF, Rajapreyar P, Yan K, Sirinit J, Mikhailov TA. Nutrition practices and outcomes in patients with pediatric acute respiratory distress syndrome. *JPEN J Parenter Enteral Nutr.* 2022 Aug;46(6):1290-1297. PMID: PMC9546013
  30. Ochoa Ramirez A, Kuhn EM, Sirinit J, Mikhailov TA\*. Head circumference as an indicator of nutritional status in critically ill children under 2 years of age. *OBM Integrative and Complementary Medicine,* 2022
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  32. Godsey C, Gabor R, Oelstrom M, Hagen S, Peterson J, Taylor J, Mikhailov T. Changes in pediatric intensive care admissions in Wisconsin during the 2020 COVID-19 pandemic. *Wisconsin Medical Journal,* 2022, in press.
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  34. Martinez EE, Bechard LJ, Brown AM, Coss-Bu JA, Kudchadkar SR, Mikhailov TA, Srinivasan V, Staffa SJ, Verbruggen SSCAT, Zurakowski D, Mehta NM. Intermittent versus continuous enteral nutrition in critically ill children: A pre-planned secondary analysis of an international prospective cohort study. *Clin Nutr.* 2022 Dec;41(12):2621-2627. PMID: PMC9722589

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39. Yale S, McFadden V, Mikhailov T. Adolescents and Electronic Vapor Product Use: A Dangerous Unknown Adolescents. *December 2023*;3(4):667-677.

### **Books, Chapters, and Reviews**

1. Hantsch TA, Soifer SJ: Congestive Heart Failure. In: Holbrook PR (ed.) *Textbook of Pediatric Critical Care*. W. B. Saunders Co., Philadelphia, 1992.
2. Mikhailov TA, Rice TB. Members of the Interdisciplinary Team. In: Reuter-Rice K, Bolick B (ed.) *Pediatric Acute Care*. Jones and Bartlett, Sudbury, MA; 2011.
3. Page-Goertz C, MIKHAILOV TA. Review of "Non-invasive ventilation as primary ventilatory support for infants with severe bronchiolitis." 2011 for [www.pedsccm.org](http://www.pedsccm.org).
4. Manzi JN, MIKHAILOV TA. Interprofessional Communication and Team Management. In: Kline-Tilford A, Haut C (ed). *Pediatric Acute Care Provider Certification Review*. Jones and Bartlett, Sudbury, MA; 2015.
5. Manzi JN, McArthur J, MIKHAILOV TA. Respiratory Failure. In: Goday PS, Mehta N (ed.) *Pediatric Critical Care Nutrition*. McGraw-Hill Professional, New York, NY; 2015.

### **Abstracts**

1. Hantsch T, Wong J, Vanderford PA, Jerome EH, Fineman JR, Soifer SJ: Acute lung injury attenuates endothelium-dependent pulmonary vasodilation in the lamb. *Pediatric Research* 33: 381A, 1993.
2. Martens KA, Hantsch CE, Stake CE, Mikhailov TA, Cichon ME: Prehospital Provider Participation and Support Needs for CBRN Events. *Annals of Emergency Medicine*, 44:S95, 2004.
3. Mikhailov T, Furner S, Kugathasan S. Environmental (lack of breastfeeding) and genetic (NOD2/CARD15) risk factors in pediatric onset Crohn's disease (CD). *J Pediatr Gastroenterol Nutr*, 43 (4), October 2006, E49.
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5. Goh V, Wakeham MK, Mikhailov TA, Goday PS. Obesity does not influence mortality and morbidity in critically ill children. Presented as a poster at the NASPGHAN annual meeting 2011. *J Pediatr Gastr Nutr*, 53:E27, 2011.
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8. Schindler CA, MIKHAILOV TA. Innovative partnership: Working together to achieve more. *Pediatric Critical Care Medicine*. 13(6):711-721, 2012. DOI: 10.1097/PCC.0b013e3182342fcb.
9. Goday PS, Kuhn EM, MIKHAILOV TA. Early parenteral nutrition is associated with significantly higher mortality in critically ill children. Presented as an oral abstract at Clinical Nutrition Week 2013. *J Parenter Enteral Nutr* 37:A5-6, 2013. Vars Candidate and Abstract of Distinction.
10. Brown AM, Mikhailov T, Irving SY, Leonard C, Singleton M, Srinivasan V, Allen C, Madsen E, Brown M, Forbes M. Continuous vs bolus NG feeding in intubated pediatric patients – A multi-centered trial, (abstract 463). *Critical Care Medicine* 47(1):212, Jan, 2019. DOI: 10.1097/01.ccm.0000551215.61824.ed



11. Brown AM, Singleton M, Madsen E, Leonard C, Srinivasan V, Allen C, Mikhailov T, Irving S, Brown M, Nett S, & Forbes M. Continuous vs bolus NG feeding in intubated pediatric patients (COBO2) – Results of a multi-center clinical trial. *JPEN* 43(3), s75-76, 2019. Awarded as an Abstract of Distinction.
12. Brown AM, Leonard C, Srinivasan V, Allen C, Singleton M, Madsen E, Mikhailov T, Irving S, Brown M, Nett S, Forbes M. Routine measurement of gastric residual volumes impairs delivery of enteral nutrition and does not predict adverse events in the pediatric ICU – A multi-center clinical trial. *JPEN* 43(3), s103-104, 2019. Awarded as an Abstract of Distinction
13. Powell MBF, Rajapreyar P, Yan K, Sirinit J, Murkowski K, Mikhailov T. Nutritional practices & outcomes in patients with pediatric acute respiratory distress syndrome. *JPEN* 44(2), 382, 2020
14. \*Gill H, Yan K, Rajapreyar P, Powell M, Mikhailov T. Impact of vasoactive medication on enteral nutrition in pediatric acute respiratory distress syndrome. *JPEN J Parenter Enteral Nutr*, 2021;45:S167-S168. DOI: 10.1002/jpen.2095
15. \*Roller M, Panchal A, Duesing L, Mikhailov T. Opiate-induced constipation in the PICU. *JPEN J Parenter Enteral Nutr*, 2021;45:S229-S230. Awarded as a Poster of Merit candidate for the Drug and Nutrient Interaction Section. DOI: 10.1002/jpen.2095
16. \*Mikhailov T, Gill H, Kuhn E, Rice T. Is nutritional status at admission associated with clinical outcomes in critically ill children? Awarded as an Abstract of Distinction. *JPEN J Parenter Enteral Nutr*, 2021;45:S36-S37. DOI: 10.1002/jpen.2093
17. \*Gill H, Kuhn E, Mikhailov T, Rice TB. Malnutrition and clinical outcomes in critically ill children on mechanical ventilation. *JPEN J Parenter Enteral Nutr*, 2022;46:S56-S57. DOI: 10.1002/jpen.2344
18. \*Vendiola D, Kuhn E, Mikhailov T, Rice TB. Does malnutrition affect clinical outcomes in septic patients in the pediatric intensive care unit? *JPEN J Parenter Enteral Nutr*, 2022;46:S193-S194. DOI: 10.1002/jpen.2345
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20. \*Higdon K, Mikhailov T, Scott J, Redfern W, Hoffman G. Mesenteric NIRS at rest and during feeding in healthy children. *Critical Care Medicine*, 2022;50:189. doi: 10.1097/01.ccm.0000807932.89672.a2
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22. \*Huq S, Pareek R, Smith K, Mikhailov T. Enteral nutrition in patients with acute viral bronchiolitis receiving noninvasive ventilation. *Critical Care Medicine*, 2023;51(1):290. DOI: 10.1097/01.ccm.0000908136.90556.f7