

CURRICULUM VITAE

I. GENERAL BIOGRAPHICAL INFORMATION

A. Personal

1. Satid Thammasitboon, M.D, MHPE
6651 Main Street, MC: E1420, Houston, Texas 77030
Office: 832.826.6230
Baylor College of Medicine, Houston, TX
2. Citizenship: United States

B. Education (include institution/location, degree, and dates of attendance)

1. Undergraduate Education
Prince of Songkla University Songkhla, Thailand
Doctor of Medicine 1989-1995 First Class Honor
2. Medical Education or Graduate Education (include thesis/dissertation title, advisor)
University of Illinois at Chicago, Chicago, IL
Department of Medical Education
Mater of Health Professions Education (MHPE),
“Cognitive Performance in Evidence-Based Medicine linked with Physician’s Knowledge
Dissemination Styles”, Robert Mrtek, PhD
July 1997-June 2001
3. Postgraduate Training
Prince of Songkla University Songkhla, Thailand
Department of Pediatrics, Internship and Residency, July 1995-June 1997

University of Illinois at Chicago Chicago, IL
Department of Pediatrics, Internship and Residency, July 1997-June 2000

University of Illinois at Chicago, Chicago, IL
Department of Pediatrics, Chief Resident, July 2000-June 2001

Baylor College of Medicine, Houston, TX
Department of Pediatrics, Pediatric Critical Care Fellowship, July 2001-June 2004

C. Academic Appointments (include title and dates of appointment)

Current Faculty Position(s) at Baylor College of Medicine, Houston, TX

- Associate Professor, Pediatrics (2011-Present)
- Chair, Resident Scholarship Program (1/2013-present)
- Co-Director, Texas Children’s Hospital Faculty College (2018-present)
- Director, Center for Research, Innovation and Scholarship in Medical Education (4/2019- present)

- Co-Director, Best Evidence Medical Education International Collaborating Center (4/2020-present)
- Advisory Board, Global Health Scholarship Community of Practice, Baylor International Pediatric AIDS Initiative (10/2020-present)

1. Previous Faculty Position(s) at BCM

- Associate Fellowship Director for Education (7/2011-6/2014)
- Associate Fellowship Director for Critical Care Scholars Program (7/2014-9/2016)
- CRIS Scholar, Center for Research, Innovation and Scholarship in Medical Education (3/2013-9/2015)
- Associate Director, Center for Research, Innovation and Scholarship in Medical Education (10/2015-4/2019)

2. Previous Faculty Position(s) at Other Institutions

- Associate Professor, Intensive Care Service
- Associate Residency Director (July 2006- March 2011)
Department of Pediatrics (July 2004-March 2011)
West Virginia University, Morgantown, WV

D. Other Advanced Training/Experience (include locations, dates and sources of support)

1. Formal Sabbatical Leave: NA

2. Other Specialized Training Following Academic Appointment

- Implementation Research: Using Qualitative Research Methods to Improve Policy and Practice, Odum Institute for Research in Social Science, July 2021
- Coding and Analyzing Qualitative Data, Odum Institute for Research in Social Science, August 2021
- Practical Skills for Reviewing Evidence in Health Professions Education (PASREV), February 2020
- Research Advanced Skills in Medical Education (RASME) Course, August 2018
- Qualitative and Mixed Methods Research, Chapel Hill, North Carolina, August 2019
- Leading innovations in Health Care and Education, Harvard Macy Program, Harvard Medical School, Boston, MA, June 2014
- American Academy of Pediatrics Leadership Alliance Course, Baylor College of Medicine, Houston, TX, September 2012
- Pediatric Fundamentals of Critical Care Support Instructor
- Clinical Simulation Certified Instructor, Baylor College of Medicine, Houston, TX
- PALS Certified Instructor (Pediatric Advanced Life Support), Baylor College of Medicine, Houston, TX

E. Other Information

1. Honors or Awards (titles, dates)

- Best Poster Abstract Presentation, Pediatric Academic Societies' 2019 Annual Meeting, Simulation Special Interest Group, Benjamin J, Kumar S, **Thammasitboon S**, "Improving Resident Self-Efficacy in Managing Tracheostomy Related Emergencies Utilizing a Blended Curriculum with Simulation"
- Innovations in Fellowship Education Award, American Thoracic Society 2019 American Thoracic Society International Conference, Brown K, Castro D, **Thammasitboon S**, "Innovating a Mastery Learning Program for Point-of-Care Ultrasound Using the Design-Based Research Model"
- The Texas Children's Hospital's 2019 Annual Education Retreat Outstanding Platform Presentation, Sur M, Krishnamurthy P, **Thammasitboon S**. "The Development of a Theory-Informed Assessment of Reasoning Tool"
- The Texas Children's Hospital's 2019 Annual Education Retreat Outstanding Platform Presentation, Brown K, Riley A, **Thammasitboon S**. "An Application of the Design-Based Research Model to Create a Mastery Learning Module for Focused Cardiac Ultrasound"
- The 14th Annual BCM Academy of Distinguished Educators Showcase of Educational Scholarship Recognition Award, September 2018, **Thammasitboon S**, Sur M, Krishnamurthy P. "The Development of a Theory-Informed Assessment of Reasoning Tool"
- The 14th Annual BCM Academy of Distinguished Educators Showcase of Educational Scholarship Recognition Award, September 2018, Brown K, Riley A, Alade K, Adler A, **Thammasitboon S**. "An Application of the Design-Based Research Model to Create a Mastery Learning Module for Focused Cardiac Ultrasound"
- The Texas Educators Academies Collaborative for Health Professions Best Poster, May 2018. Burns, A, Tuner T, Ward M, **Thammasitboon S**. "Grounding Pediatric-Scientist Development in Professional Identity Formation"
- The 12th Annual BCM Academy of Distinguished Educators Showcase of Educational Scholarship Recognition Award, September 2016, Chartan C, Singh H, **Thammasitboon S**. "The iRED Project"
- The 12th Annual BCM Academy of Distinguished Educators Showcase of Educational Scholarship Recognition Award, September 2016, Rissmiller B, Turner T, **Thammasitboon S**. "The Cognitive Boot Camp Project"
- Innovations in Fellowship Education Award, American Thoracic Society 2016 American Thoracic Society International Conference, Castro D, **Thammasitboon S**, Tchamrtchi MH, "The Inter-professional Curriculum for Critical Care Fellowship Program"
- Baylor Pediatric Award for Achievement in Educational Innovation, July 2013-June 2014, **Thammasitboon S**. "The Resident Scholarship Program"
- The 10th Annual BCM Academy of Distinguished Educators Showcase of Educational Scholarship Recognition Award, September 2014, **Thammasitboon S**, Darby J, Balmer D. "The Resident Scholarship Program"

- Innovations in Fellowship Education Award, American Thoracic Society 2014 Annual Meeting, Castro D, **Thammasitboon S.** “The Critical Care Boot Camp”
 - The 7th Annual BCM Academy of Distinguished Educators Showcase of Educational Scholarship Recognition Award, September 2011, **Thammasitboon S.** Sur Moushumi, Tcharmtchi M, Turner T. “The Multisource Feedback Project”
2. Board Eligibility/Certification
 - Board-Certified in Pediatric Critical Care Medicine, October 2006-present
 - Board-Certified in General Pediatrics, American Board of Pediatrics, October 2000-present
 3. Other Non-academic Positions (include locations, titles, and dates of employment): NA

II. RESEARCH INFORMATION

A. Research Support

ACTIVE RESEARCH SUPPORT

1. “Developing the National Fellow Core Curriculum”, Texas Children’s Hospital Educational Scholarship Award 2017, Co-PI (\$40,000)

COMPLETED RESEARCH SUPPORT

1. “Assessment of Reasoning Tool Validation”, Texas Children’s Hospital Educational Scholarship Award, 2016, Collaborator/Mentor (\$15,000)
2. “Moral Distress Inventory”, Texas Children’s Hospital Educational Scholarship Awards 2015, Collaborator/Mentor (\$15,000)
3. “Special Isolation Unit Training Using Self-Efficacy as a Framework”, Texas Children’s Hospital Educational Scholarship Awards 2015, Collaborator/Mentor (\$40,000)
4. “Resident Learning in Emergencies” Texas Children’s Hospital Educational Scholarship Awards, 2015, Collaborator/Mentor (\$15,000)
5. “Resident Scholarship Program” Texas Children’s Hospital Education Scholarship Award 2014, PI (\$40,000)
6. “Cognitive Boot Camp” Fulbright & Jaworski Educational Fund of the Academy of Distinguished Educators 2014, Collaborator/Mentor (\$5,000)
7. “The Sepsis Management Project in Monterey, Mexico”, Baylor College of Medicine Advancing Clinical Excellence Grant 2013, Collaborator/Mentor, (\$5,000)
8. “The Sepsis Management Project in Monterey, Mexico”, American Academy of Pediatrics, Section on Critical Care Grant 2013, Collaborator/Mentor (\$3,500)
9. “The Novel Relative Ranking Feedback”, Texas Children’s Hospital Educational Project Scholarship Awards 2012, PI (\$15,000)
10. “Assessing Quality of Feedback” Texas Children’s Hospital Educational Project Scholarship Awards 2012, Co-PI (\$15,000)

B. National Scientific and Professional Participation

1. Editorial Contributions (e.g., Journal Editorial Boards, Editor roles, Ad Hoc Reviewer)
 - Best Evidence Medical Education Collaboration Review Committee 2021-present
 - Editor role: Diagnosis, Associate Editor, February 2020-present

- Ad Hoc Reviewer: British Medical Journal, International Journal of Healthcare Quality, Academic Pediatrics, Diagnosis, Medical Teacher, Pediatric Critical Care Medicine, Perspective on Medical Education, PLOS ONE
 - Appraisal Committee for Directory and Repository of Educational Assessment Measures (DREAM), Association of American Medical College, 2013-
 - Reviewer for MedEdPORTAL, Association of American Medical College, 2008-present
 - Co-editor, Pediatric Critical Care Medicine Evidence-Based Journal Club, Society of Critical Care Medicine (Pedsccm.org), 2004-2018
2. Review Panels and Selection Committees (e.g., NIH Study Sections, Review Panels)
 - Academic Pediatrics Association National Teaching Awards 2020
 - Texas Children's Hospital Educational Scholarship Awards, 2016-2020
 3. Professional Societies, etc.
 - Board member, Best Evidence Medical Education Collaboration, 2021-present
 - Mentor, National Mentoring Program (Guardians), Society of Critical Care Medicine, 2020-present
 - National Advisor, Academic Pediatric Association's Educational Scholars Program, 2018-present
 - Leadership Committee member, National Physician Scientist Collaborative Workgroup, 2018-present
 - Chair, Assessment Subcommittee, Society to Improve Diagnosis, 2015-2019
 - Pediatrics Project Leader, Curriculum Subcommittee, Society to Improve Diagnosis, 2015
 - Member, Education Committee, Society to Improve Diagnosis, 2012-present
 - Faculty Development Taskforce Committee, Association of Pediatric Program Directors, 2015-2017
 - Research Taskforce Committee, Association of Pediatric Program Directors, 2008-2010
 - Center for Organ Recovery and Education (CORE) – Advisory Board of Directors Committee, 2007-2011
 4. Elected Positions: NA
 5. Invited Lectures, Presentations, Research Seminars

Invited Lectures

a. International

- Program Evaluation: Moving from Tick-Box Systems to Educational Quality as Transformation, Association of Medical Education in Europe (AMEE) Annual Congress, August 28, 2021.
- Transforming a Curriculum through Creation of a Virtual "Community of Inquiry" to Optimise Learning, Association of Medical Education in Europe (AMEE) Annual Congress, August 28, 2021.

- Diagnosing Individuals' Job Characteristics: Identifying the Driving Forces for Job Crafting and Enrichment, 6th International Faculty Development Conference, August 27, 2021.
- Toward an Integrative View of MIS-C and COVID-19 Management: Evidence, Experience and Expertise, Thai Society of Critical Care Conference (Virtual), May 29, 2021.
- Teaching and Assessing Clinical Reasoning through "Learning Conversations", Faculty Development (Virtual) Ramathibodhi Hospital, Mahidol University, Bangkok, Thailand, May 19, 2021.
- Creating "Antifragile" Teams to Enrich Academic Productivity in Today's Volatile, Uncertain, Complex and Ambiguous World, 2020 International Symposium of Medical Education (Virtual), Taipei Veterans General Hospital, Taipei, Taiwan, October 13, 2020.
- Contemporary Models that Guide Leadership Practice, 2020 International Symposium of Medical Education (Virtual), Taipei Veterans General Hospital, Taipei, Taiwan, October 10, 2020.
- The Virtual Deliberate Practice Module, The Faculty Development (Virtual), Khonkean University, Thailand, August 19, 2020.
- A Practical Guide to Innovations: Using Human-Centered Design to Address Complex Problems in Medical Education, International Conference on Residency Education (Virtual), Ottawa Canada, November 18, 2020.
- A Practical Approach to Creating Novel Solutions to Solve "Wicked Problems" in Health Professions Education, 10th Congress of the World Federation of Pediatric Intensive and Critical Care Societies (Virtual), June 16, 2020.
- How an Agile, Cross-Functioning Consultant Service for Health Profession Educators in a Large Academic Institution Can Lead to Faculty and Learner Success, Association of Medical Education in Europe (AMEE) Annual Congress (Virtual), August 27, 2020.
- International Experiences: Challenges in Undergraduate Medical Education during the COVID-19 Outbreak, The Virtual Faculty Development (Collaborative Webinar: Japan, Netherlands, Thailand, UK, US), April 15, 2020.
- Teaching and Assessing Clinical Reasoning Symposium (Chair), Prince of Songkla University, Hat Yai, Thailand, February 7, 2020
- The 2019 International Medical Education Forum: Clinical Reasoning Symposium (Chair), Khonkean University, Khonkean, Thailand, November 4-5, 2019.
- "What's your hypothesis? Dethroning experimental research methods in the design of medical education innovations", Association of Medical Education in Europe (AMEE) Annual Congress, Vienna, Austria, August 27, 2019.
- Coaching Learners Towards Formulating Professional Identity, International Conference on Residency Education Annual Meeting, Ottawa, CA, September 26, 2019
- Teaching and Assessing Diagnostic Reasoning: Opening the "Black Box", Royal College's International Conference on Residency Education, Ottawa, Canada, September 26, 2019.
- What's your hypothesis? Dethroning experimental research methods in the design of medical education innovations, the 2019 International Conference on Faculty Development in the Health Professions. Ottawa, Canada, September 25, 2019.

- Implementing a Successful Educational Consultation Service: Tips for Success, the 2019 International Conference on Faculty Development in the Health Professions. Ottawa, Canada, September 24, 2019.
- “Transforming Academic Tasks to Scholarship: The Scholar’s “Boot Camp”, Association of Medical Education in Europe (AMEE) Annual Congress, Helsinki, Finland, August 27, 2017.
- “Enhancing Difficult Communication in a High Stakes Environment”. Association of Medical Education in Europe (AMEE) Annual Congress, Barcelona, Spain, September 26, 2016.
- “Synergistic Integration of Contemporary Educational Models to Enhance Faculty and Program Development” International Pediatric Simulation, Glasgow, May 10, 2016.
- “Pediatrics and Child Health”, Session Chair at the BIT’s 4th Annual Global Health Conference, Kaohsiung, Taiwan, November 19, 2016.
- “Modeling Expert Thinking: A Key to Superior Diagnostic Reasoning”, The BIT’s 4th Annual Global Health Conference, Kaohsiung, Taiwan, November 19, 2016.
- “The Art and Sciences of Expert Thinking” The Key to Superior Diagnostic Decision-Making. The 3rd Global Congress for Consensus in Pediatrics & Child Health, Bangkok, Thailand, February 14, 2014
- “Cardiopulmonary Interaction: How Principles Become Practices” The First Asia-Pacific Congress of Pediatric Cardiology and Cardiac Surgery, Bangkok, Thailand, November 3, 2006.

b. National

- Building Better Curriculum Webinar: Clinical and Diagnostic Reasoning, Association of American Medical College, September 8, 2021.
- Quality Conceptualizations in Program Evaluation, Education Collaboratory, Children’s Hospital Philadelphia, September 16, 2021.
- Practical Skills for Reviewing Evidence in Health Professions Education (Virtual Course), April 15-16, 2021.
- Developing Leaders: Fostering Social Justice Through Professional Identity Formation Growth Through Employing Teamwork Social Justice Academy of Professionalism in Healthcare, New Orleans, LA, May 15, 2019.
- Teaching Diagnostic Reasoning using an Assessment for Learning Tool- A Train-the-Trainer Session, Council of Medical Student Education in Pediatrics’ 2019 Annual Meeting, St. Petersburg, FL, March 22, 2019.
- Fixing the Leaky Pipeline: Identifying Best Practices for Physician-Scientist Training During Residency, Pediatric Academic Societies’ 2019 Annual Meeting, Baltimore, April 28, 2018.
- A Scholar Boot Camp: The Scholar’s Boot Camp: Setting a Compass for Success in Educational Scholarship, Pediatric Academic Societies’ 2018 Annual Meeting, Toronto, Canada, May 6, 2018.
- “A Scholar Boot Camp: Transforming Academic Tasks into Scholarly Activities” Pediatric Academic Societies’ 2017 Annual Meeting. San Francisco, CA, May 9, 2017
- “Reframing Career for Academic Success: Aligning Identity and Scholarly Activity” Association of Pediatric Program Directors, 2017 Annual Meeting, April 8, 2016

- “Reframing Career for Academic Success: Aligning Identity and Scholarly Activity” Pediatric Academic Societies’ 2016 Annual Meeting. Baltimore, MD, May 1, 2016
- “Cognitive Boot Camp: Modeling Expert Thinking: A Key to Superior Clinical Reasoning and Decision-Making in Daily Practices”, Association of Pediatric Program Directors, 2016 Annual Meeting, New Orleans, LA, April 3, 2011. 2016.
- “Assessment and Faculty Development Taskforces Joint Symposium” Association of Pediatric Program Directors, 2016 Annual Meeting, New Orleans, LA, April 3, 2011. 2016.
- “Synergistic Integration of Contemporary Educational Models to Enhance Faculty and Program Development” International Meeting on Simulation in Healthcare, San Diego, January 12, 2016.
- “Reframing Career for Academic Success: Aligning Identity and Scholarly Activity” Pediatric Academic Societies’ 2015 Annual Meeting. Vancouver. April 27, 2015
- “Simulation Strategies to Detect and Prevent Moral Distress among Resuscitation Team Providers” International Meeting on Simulation in Healthcare, New Orleans, January 13, 2015.
- “Synergistic Integration of Contemporary Educational Models to Optimize Learning in Simulations” International Meeting on Simulation in Healthcare, New Orleans, January 12, 2015.
- “Teaching Educator the Science of Diagnostic Errors” Diagnostic Errors in Medicine 7th International Conference, Society to Improve Diagnosis in Medicine, Atlanta, GA, September 14th, 2014.
- “Perfect Practice Makes Perfect: Utilizing Deliberate Practice to Improve Knowledge and Skill Acquisition” 2014 International Association of Medical Science Educators Annual Meeting, Nashville, TN, June 8, 2014.
- “Coaching Learners the Art and Science of Expert Thinking” Faculty Development session, Texas Chiropractic College, Pasadena, TX, May 12, 2014.
- “Modeling Expert Thinking” The National Educator Conference, Houston”, TX, February 7, 2014.
- “Perfect Practice Makes Perfect: Utilizing Deliberate Practice to Improve Knowledge and Skill Acquisition” Council on Medical Student Education in Pediatrics, 2014 Annual Meeting, Ottawa, Canada, March 28, 2014.
- “Stump the Professor” Case session. Diagnostic Errors in Medicine 6th International Conference, Society of Medical Decision Making, Chicago, IL, September 22, 2013.
- “Deliberate Practice: Integrating Evidence-Based Strategies to Optimize Clinical Learning” Pediatric Academic Societies’ 2013 Annual Meeting, Washington, DC. May 6, 2013
- “Modeling Expert Thinking: A Key to Superior Clinical Reasoning and Decision-Making in Daily Practices”, Pediatric Academic Societies’ 2012 Annual Meeting, Boston, MA, April 29, 2012.
- “Teaching Clinical Reasoning”, A collaborative meeting between the APA Medical Student Education Special Interest Group, APPD, APA and COMSEP, PAS 2012 Annual Meeting, Boston, April 28, 2012.
- “Teaching Learners the Secrets of Expert Thinking”, Council of Medical Student Education in Pediatrics Annual Meeting, March 24, 2012.

- “Stump the Professor” Case session. Diagnostic Errors in Medicine 4th International Conference, Society of Medical Decision Making, Chicago, IL, October 24, 2011.
- “Teaching Learners How to Think, Feel and Reflect: The Keys to Developing Professional Competencies” SGEA 2011 Annual Meeting, Houston, TX, April 16, 2011.
- “Teaching Learners How to Think, Feel and Reflect: The Keys to Developing Professional Competencies” Association of Pediatric Program Directors, 2009 Annual Meeting, Miami, FL, April 3, 2011.
- “Deliberate Practice and Master Coaching: Guide Learners on The Journey from Novice Toward Expertise” Association of Pediatric Program Directors, 2009 Annual Meeting, Miami, FL, March 31, 2011.
- “Deliberate Practice and Master Coaching: Guide Learners on The Journey from Novice Toward Expertise” Council on Medical Student Education in Pediatrics, 2010 Annual Meeting, La Jolla, CA, March 3, 2011.
- “Teaching Doctors How to “Think”: Reducing Cognitive Errors in Daily Practice” Pediatric Academic Societies’ 2010 Annual Meeting. Vancouver. May 3, 2010.
- “Leading from the Middle: Leadership Skills for Clinical Educators” Pediatric Academic Societies’ 2010 Annual Meeting. Vancouver. May 3, 2010.
- “Teaching Doctors How to “Think”: Reducing Cognitive Errors in Daily Practice” Association of Pediatric Program Directors, 2009 Annual Meeting, Chicago, IL, April 17, 2010.
- “Curriculum Task Force: Interactive Symposium of Curricular Tools for Communication Skills” The Association of Pediatric Program Directors 2010 Annual Meeting, Chicago, IL, April 17, 2010.
- “Teaching Learners How to Think, Feel and Reflect: The Keys to Developing Professional Competencies” Council on Medical Student Education in Pediatrics, 2010 Annual Meeting, Albuquerque, NM, March 26, 2010.
- “The Secrets of Expert Thinking” Pediatric Grand Rounds, University of Illinois at Chicago, Chicago, IL, June 12, 2009.
- “Leading from the Top, Middle and the Bottom” Association of American Medical Colleges 2009 Annual meeting, Boston, MA, November 11, 2009.
- “Teaching Doctors How to “Think”: Reducing Cognitive Errors in Daily Practice” Pediatric Academic Societies’ 2009 Annual Meeting. Baltimore, MD. May 2, 2009.
- “Managing from the Middle: Improving Leadership Skills for Associate Program Directors” Association of Pediatric Program Directors, 2009 Annual Meeting, Baltimore, MD., May 1, 2009.
- “Clinical Expertise: Intuition and Metacognition” Pediatric Grand Rounds, Scott & White Hospital for Children, Texas A&M Medical School, October 1, 2008.
- “An Innovative 360° Competency Assessment” The MidAmerica Program Director Fall Meeting, Columbus, OH, October 19, 2008.
- “Curriculum Task Force: Interactive Symposium of Curricular Tools for Practice Based Learning and Improvement”, The Association of Pediatric Program Directors 2007 Annual Meeting, Toronto, Canada, May 3, 2007.
- “Teaching Pediatric Residents to Minimize Diagnostic Errors Using Cognitive Forcing Strategies.” The MidAmerica Program Director Fall Meeting, Columbus, OH, October 20, 2006.

c. Regional

- “Diagnostic Errors: Cognitive and System Strategies to Minimize Them”, 2013 Texas Pediatric Society Annual Meeting, Galveston, TX, September 21, 2013

C. Publications (provide complete citation for each item listed; indicate whether each publication resulted from work done at BCM or elsewhere)

1. Full Papers in Peer Review Journals

a. Published

1. Simulation-Based Assessment of Care for Infant Cardiogenic Shock in the Emergency Department. *Nursing in Critical Care* (in press)
2. Thomas TA, Davis FD, Kumar S, (Co-Senior Authors: **Thammasitboon S**, Rushton CH). COVID-19 and Moral Distress: A Pediatric Critical Care Survey. *Am J Crit Care*. 2021 Aug 19:e1-e19. doi: 10.4037/ajcc2021999. Epub ahead of print. PMID: 34409428.
3. Burns AM, Moore DJ, Forster CS, Powell W, **Thammasitboon S**, Hostetter MK, Weiss P, Boyer D, Ward MA, Blankenburg R, Heyman MB, Rassbach CE, McPhillips H, French A, Nguyen S, Byrne BJ, Parsons DW, Gonzalez F, Nowalk AJ, Ho J, Kumar S, Orange JS, Ackerman KG. Physician-Scientist Training & Programming in Pediatric Residency Programs: A National Survey. *J Pediatr*. 2021 Jul 16:S0022-3476(21)00679-X. doi: 10.1016/j.jpeds.2021.07.014. Epub ahead of print. PMID: 34280401.
4. **Thammasitboon, S**, Brand, P.L.P. The Physiology of Learning: Strategies Clinical Teachers can Adopt to Facilitate Learning. *Eur J Pediatr*. 2021 Mar 29. doi: 10.1007/s00431-021-04054-7. Epub ahead of print. PMID: 33782760.
5. Daniel M, Gordon M, Patricio M, Hider A, Pawlik C, Bhagdev R, Ahmad S, Alston S, Park S, Pawlikowska T, Rees E, Doyle AJ, Pammi M, **Thammasitboon S**, Haas M, Peterson W, Lew M, Khamees D, Spadafore M, Clarke N, Stojan J. An update on developments in medical education in response to the COVID-19 pandemic: A BEME scoping review: BEME Guide No. 64. *Med Teach*. 2021 Jan 26; 1-52. PMID: 33496628
6. Brown KA, Riley AF, Alade KH, Kyle WB, Castro D, Tchamtchi MH, **Thammasitboon S**. A Novel Tool for Teaching Cardiac Point-of-Care Ultrasound: An Exploratory Application of the Design-Based Research Approach. *Pediatr Crit Care Med*. 2020 12; 21(12):e1113-e1118. PMID: 32701750.
7. **Thammasitboon S**, Sur M, Rencic JJ, Dhaliwal G, Kumar S, Sundaram S, Krishnamurthy P. Psychometric Validation of the Reconstructed Version of the Assessment of Reasoning Tool. *Med Teach*. 2020 Oct 17; 1-6. PMID: 33073665.
8. Benjamin, J, Roy, K, Paul, G, Kumar, S, Charles, E, Miller, E, Narsi-Prasla, H, Mahan, J, **Thammasitboon, S**. Improving Self-Efficacy in Tracheostomy Management Using a Novel Curriculum. *MedEdPORTAL*, 2020-11-03, Vol.16, p.11010-11010. PMID: 33204834.
9. Petrescu MS, Stalmeijer RE, Rethans JJ, **Thammasitboon S**. Learning in Pediatric Emergency Situations: A Qualitative Study of Residents' Perspectives. *Pediatr Crit Care Med*. 2020 10; 21(10):886-892. PMID: 32541377.
10. Gordon M, Patricio M, Horne L, Muston A, Alston SR, Pammi M, **Thammasitboon S**, Park S, Pawlikowska T, Rees EL, Doyle AJ, Daniel M. Developments in Medical Education in Response to the COVID-19 Pandemic: A Rapid BEME Systematic Review: BEME Guide No. 63. *Med Teach*. 2020 11; 42(11):1202-1215. PMID: 32847456.

11. Cohen A, Sur M, Weisse M, Moffett K, Lancaster J, Saggio R, Singhal G, **Thammasitboon S.** Teaching Diagnostic Reasoning to Faculty Using an Assessment for Learning Tool: Training the Trainer. *MedEdPORTAL*. 2020 08 21; 16:10938. PMID: 32875089.
12. Welch CE, Carbajal MM, Kumar S, **Thammasitboon S.** Development and Validation of a Theory-Informed Group Learning Environment Assessment Tool for Graduate Medical Education Programs. *J Grad Med Educ*. 2020 Aug; 12(4):447-454. PMID: 32879685.
13. Jain PN, Jones MB, **Thammasitboon S.** Envisioning Distinctive Professional Identity for Critical Care Advanced Practice Providers: Fostering Integrative Transformation Beyond Orientation. *Pediatr Crit Care Med*. 2020 08; 21(8):e581-e583. PMID: 32453923.
14. Burns AM, Ackerman KG, **Thammasitboon S.** Rassbach CE, Ward MA, Blankenburg RL, Forster CS, McPhillips HA, Wenger TL, Powell WT, Heyman MB, Hogarty MD, Boyer D, Hostetter M, Weiss P, Nguyen ST, Parsons DW, Moore DJ, Byrne BJ, French AR, Orange JS. Fixing the Leaky Pipeline: Identifying Solutions for Improving Pediatrician-Scientist Training during Pediatric Residency. *Pediatr Res*. 2020 08; 88(2):163-167. PMID: 32179872.
15. Bavare AC, Thomas JK, Gurganious LM, Afonso N, Thomas TA, **Thammasitboon S.** Fostering Self-Determination of Bedside Providers to Promote Active Participation in Rapid Response Events. *Med Educ Online*. 2019 Dec; 24(1):1551028. PMID: 30499381.
16. Rissmiller B, Castro D, Minard CG, Sur M, Roy K, Turner T, **Thammasitboon S.** The Diagnostic Expertise Acceleration Module (DEAM): Promoting the Formation of Organized Knowledge. *Med Educ Online*. 2019 Dec; 24(1):1679945. PMID: 31640483.
17. Chartan C, Singh H, Krishnamurthy P, Sur M, Meyer A, Lutfi R, Stark J, **Thammasitboon S.** Isolating Red Flags to Enhance Diagnosis (I-RED): An Experimental Vignette study. *Int J Qual Health Care*. 2019 Oct 31; 31(8):G97-G102. PMID: 31665303.
18. Adler AC, Brown KA, Conlin FT, **Thammasitboon S.** Chandrakantan A. Cardiac and Lung Point-of-Care Ultrasound in Pediatric Anesthesia and Critical Care Medicine: Uses, Pitfalls, and Future Directions to Optimize Pediatric Care. *Paediatr Anaesth*. 2019 08; 29(8):790-798. PMID: 31211472.
19. Vaewpanich J, Akcan-Arikan A, Coss-Bu JA, Kennedy CE, Starke JR, **Thammasitboon S.** Fluid Overload and Kidney Injury Score as a Predictor for Ventilator-Associated Events. *Front Pediatr*. 2019; 7:204. PMID: 31192174.
20. Burns AM, **Thammasitboon S.** Ward MA, Kline MW, Raphael JL, Turner TL, Orange JS. Implementation of a Novel Curriculum and Fostering Professional Identity Formation of Pediatrician-Scientists. *J Pediatr*. 2019 02; 205:5-7.e1. PMID: 30684987.
21. **Thammasitboon S.** Rencic JJ, Trowbridge RL, Olson APJ, Sur M, Dhaliwal G. The Assessment of Reasoning Tool (ART): Structuring the Conversation Between Teachers and Learners. *Diagnosis (Berl)*. 2018 11 27; 5(4):197-203. PMID: 30407911.
22. Hooli S, Colbourn T, Lufesi N, Costello A, Nambiar B, **Thammasitboon S.** Makwenda C, Mwansambo C, McCollum ED, King C. Correction: Predicting Hospitalised Paediatric Pneumonia Mortality Risk: An External Validation of RISC and mRISC, and Local Tool Development (RISC-Malawi) from Malawi. *PLoS One*. 2018; 13(2):e0193557. PMID: 29470524.

23. Guess R, Vaewpanich J, Coss-Bu JA, Phongjitsiri S, Kennedy C, Starke J, **Thammasitboon S**. Risk Factors for Ventilator-Associated Events in a PICU. *Pediatr Crit Care Med*. 2018 01; 19(1):e7-e13. PMID: 29140969.
24. **Thammasitboon S**, B. Lee Ligon, Geeta Singhal, et al. Creating a Medical Education Enterprise: Leveling the Playing Fields of Medical Education vs. Medical Science Research within Core Missions, *Med Educ Online* 2017,22:1, 1377038. PMID: 28927348
25. Davalos MC, Samuels K, Meyer AN, **Thammasitboon S**, Sur M, Roy K, Al-Mutairi A, Singh H. Finding Diagnostic Errors in Children Admitted to the PICU. *Pediatr Crit Care Med*. 2017 Mar; 18(3):265-271. PMID: 28125548.
26. Thomas TA, **Thammasitboon S**, McCullough LB. A Qualitative Study Exploring Moral Distress Among Pediatric Resuscitation Team Clinicians: Challenges to Professional Integrity. *Pediatr Crit Care Med* 2016;17: e303-8.
27. Castro D, Tchamitchi MH, **Thammasitboon S**. A Practical Application of Educational Theories in Developing a Boot Camp Program for Pediatric Critical Care Fellows. *Acad Pediatr*. 2016 Nov - Dec; 16(8):707-711. PMID: 27772694.
28. **Thammasitboon S**, Darby JB, Hair AB, Rose KM, Ward MA, Turner TL, Balmer DF. A Theory-informed, process-oriented Resident Scholarship Program. *Med Educ Online*. 2016; 21:31021. PMID: 27306995.
29. Miller JO, **Thammasitboon S**, Hsu DC, Shah MI, Minard CG, Graf JM. Continuing Medical Education for Air Medical Providers: The Successes and Challenges. *Pediatr Emerg Care*. 2016 Feb; 32(2):87-92. PMID: 26841111.
30. Phongjitsiri S, Coss-Bu J, Kennedy C, Silva J, Starke J, Graf J, **Thammasitboon S**. The Centers for Disease Control and Prevention's New Definitions for Complications of Mechanical Ventilation Shift the Focus of Quality Surveillance and Predict Clinical Outcomes in a PICU. *Crit Care Med*. 2015 Nov; 43(11):2446-51. PMID: 26468698.
31. Hilvers PS, **Thammasitboon S**. Does ICU structure impact patient outcomes after congenital heart surgery? A critical appraisal of "care models and associated outcomes in congenital heart surgery" by Burstein et al (*Pediatrics* 2011; 127: e1482-e1489). *Pediatr Crit Care Med*. 2014 Jan; 15(1):77-81. PMID: 24196007.
32. **Thammasitboon S**, Thammasitboon S, Singhal G. Diagnosing diagnostic error. *Curr Probl Pediatr Adolesc Health Care*. 2013 Oct; 43(9):227-31. PMID: 24070579.
33. **Thammasitboon S**, Cutrer WB. Diagnostic decision-making and strategies to improve diagnosis. *Curr Probl Pediatr Adolesc Health Care*. 2013 Oct; 43(9):232-41. PMID: 24070580.
34. **Thammasitboon S**, Thammasitboon S, Singhal G. System-related factors contributing to diagnostic errors. *Curr Probl Pediatr Adolesc Health Care*. 2013 Oct; 43(9):242-7. PMID: 24070581.
35. Cutrer WB, **Thammasitboon S**. Team mental model creation as a mechanism to decrease errors in the intensive care unit. *Pediatr Crit Care Med*. 2012 May; 13(3):354-6. PMID: 22561263.
36. **Thammasitboon S**, Gustafson R, Rosen D, et al. An institutional experience with epidural analgesia in children and young adults undergoing cardiac surgery. *Pediatric Anesthesia*. 2010; 20(8): 720-726.
37. **Thammasitboon S**, M. Mariscalco M, Mrtek, R.G. Exploring Individual Opinions of Potential Evaluators in a 360-Degree Assessment: Four Distinct Viewpoints of a "Competent" Resident. *Teach Learn Med*. 2008; 20(4): 314322.

38. Cottrell S, **Thammasitboon S**, Cannarella R, Jacques M, and Shumway J. The Relationship between the Educational Process and Students' Confidence. *Clinical Teacher*. 2008; 5: 226-231.
39. Weber M, **Thammasitboon S**. A critical appraisal of a diagnostic article: Mentec, H. Blind and bronchoscopic sampling methods in suspected ventilator-associated pneumonia. A multicentre prospective study. *Intensive Care Med*. 2004; 30:1319-1326. *Pediatr Crit Care Med*. 2007;8(3): 1-4.
40. Weber M, **Thammasitboon S**. Acute Discontinuation Syndrome from Dexmedetomidine after Protracted Use in a Pediatric Patient. *Pediatric Anesthesia*. 2007; 18(1): 87-88.
41. **Thammasitboon S**. A critical appraisal of a systematic review: Sokol J, Jacob SE, Bohn D: Inhaled nitric oxide for acute hypoxemic respiratory failure in children and adults. *Cochrane Database Syst Rev* 2003 (1): CD002787. *Pediatr Crit Care Med*. 2005 May; 6(3):340-3.

b. Accepted/In Press

2. Internet Publications: Peer Reviewed

1. Maheshwari S, Jain P, Ligon B, **Thammasitboon S**, 2021, Twelve Tips for Creating and Supporting a Meaningful Asynchronous Learning as Parts of Virtual Transition of a Curriculum, *MedEdPublish*, 10, [1], 111, <https://doi.org/10.15694/mep.2021.000111.1>
2. Jones E, Spielberg D, Duryea T, Sisley S, **Thammasitboon S**. 2021, 'Zooming in on Opportunity: Transitioning to a Virtual Resident Scholarship Day During COVID-19', *MedEdPublish*, 10, [1], 73, <https://doi.org/10.15694/mep.2021.000073.1>
3. Ligon B, Burns A, **Thammasitboon S**, 2021, 'Creating a 'Community of Inquiry': A Framework for Optimizing the Virtual Education Experience', *MedEdPublish*, 10, [1], 71, <https://doi.org/10.15694/mep.2021.000071.1>
4. Ligon B, Weinstein R, **Thammasitboon S**. Developing a Writing Workshop for Clinician-Educators: A Synergistic Integration of Ethics, Rhetoric and Education Theories, and Social Science, *MedEdPublish*, 2017, 6, [3], 23, doi:<https://doi.org/10.15694/mep.2017.000137>
5. Ligon B, Turner T, **Thammasitboon S**. Highlighting Common Pitfalls to Avoid when Writing the Medical Education Manuscript, *MedEdPublish*, 2017, 6 (2),32, doi:<https://doi.org/10.15694/mep.2017.000094>
6. **Thammasitboon S**. DX: Diagnostic Excellence. Eds. Olsen and Lang. Hanover, NH: MedU, Jly 2015. Available from <http://www.med-u.org>
7. **Thammasitboon S**. "Curricular Tools for Communication Skills: Using PBAR to Deliver an Effective Case Presentation" The Association of Pediatric Program Directors Share Warehouse. In APPD.org (The Share Warehouse is the virtual Web-based collaborative project for pediatric medical educators to find high-quality peer-reviewed resources for pediatric residency training.)
8. **Thammasitboon S**, Hilvers P. "Cardiopulmonary Interaction" In LearnICU. Org, , October 2008. (This site was developed by the Pediatric Resident Education Committee, a sub-committee of the Pediatric Section of the Society of Critical Care Medicine. The contents of the presentations have been peer-reviewed by members of the committee.)

9. **Thammasitboon S.** “Curricular Tools for Practice Based Learning and Improvement: Cognitive Forcing Strategies” The Association of Pediatric Program Directors Share Warehouse. In APPD.org
10. Ely, B. **Thammasitboon S.** Critical Appraisal of: Umpierrez GE, Cuervo R, Karabell A. Treatment of diabetic ketoacidosis with subcutaneous insulin aspart. Diabetes Care 2004 27(8): 1873-8. In The PedsCCM Evidence-Based Journal Club, July 6, 2007.
11. **Thammasitboon S.** Critical Appraisal of: Richard C, Warszawski J, Angurl N, et al. Early Use of the Pulmonary Artery Catheter and Outcomes in Patients with Shock and Acute Respiratory Distress Syndrome: A Randomized Controlled Trial. JAMA 2003;290 2713-2720. In The PedsCCM Evidence-Based Journal Club, April 29, 2005.
12. **Thammasitboon S.** Critical Appraisal of: Sokol J, Jacob SE, Bohn D. Inhaled nitric oxide for acute hypoxemic respiratory failure in children and adults (Cochrane Review). The Cochrane library, Issue 1, 2003. Oxford: update software. In The PedsCCM Evidence-Based Journal Club, September 24, 2003.
13. **Thammasitboon S.** Critical Appraisal of: Kern JW, Shoemaker WC. Meta-analysis of hemodynamic optimization in high-risk patients. Crit Care Med. 2002;30(8):1686-92. In The PedsCCM Evidence-Based Journal Club, May 4, 2003.
14. **Thammasitboon S.** Critical Appraisal of: Polderman KH, Joe RTT, Peerdeman SM, et al. Effects of therapeutic hypothermia on intracranial pressure and outcome in patients with severe head injury. Intensive Care Med 2002;28: 1563-1573. In The PedsCCM Evidence-Based Journal Club, March 14, 2003.
15. **Thammasitboon S.** Critical Appraisal of: Smyrniotis NA, Connolly A, Wilson MM, et al. Effects of a multifaceted, multidisciplinary, hospital-wide quality improvement program on weaning from mechanical ventilation. Crit Care Med. 2002;30(6):1224-30. In The PedsCCM Evidence-Based Journal Club, September 6, 2002
16. **Thammasitboon S.** Critical Appraisal of: Rivers E, Nguyen B, Havstad S, et al. Early Goal-Directed Therapy in the Treatment of Severe Sepsis and Septic Shock. New Engl J Med 2001; 345:1368-77. In The PedsCCM Evidence-Based Journal Club, April 1, 2002

3. Full Papers Without Peer Review

- a. Published
- b. In Preparation
 - Benjmain J, Jain P, Flores S, **Thammasitboon, S.** Virtual Deliberate Practice Module
 - **Pruit S, Thammasitboon, S, Roy K.** A Caregiver Self-Efficacy Tool in Tracheostomy Care: Development and Validation of an Instrument
 - Benjamin J, Roy K, Mahan J, **Thammasitboon, S.** Creating a Novel Curriculum and a Program of Assessment for Management of Tracheostomy

4. Abstracts Given During Last Three Years

- Thomas T, **Thammasitboon S.** Key Insights on Pandemic Moral Distress: Role of Misaligned Ethical Values in Decision-making, the 51st Critical Care Congress to be held in San Juan, Puerto Rico, February 7, 2022.

- Orellana O, Gazzanio M, **Thammasitboon S.** A Dual-Goal Approach to Pediatric Critical Care Transport Training in Resource-Limited Settings, the 51st Critical Care Congress to be held in San Juan, Puerto Rico, February 6, 2022.
- Dissaneevate S, Rissmiller B, **Thammasitboon, S.** The Virtual Diagnostic Expertise Acceleration Module to Creating Repertoire of Illness Scripts, Association of Medical Education in Europe (AMEE) Annual Congress, August 27, 2021.
- Benjamin J, Sockrider M, Moore H, **Thammasitboon, S.** Understanding Caregivers of Children with Special Healthcare Needs – Disaster Preparedness Adds Complexity, Incessant Burden, and Fear, Pediatric Academic Societies' 2021 Annual Meeting, Philadelphia, PA, May 3, 2021.
- Cameron L, Benjamin J, Cameron L, Burns A, **Thammasitboon, S.** Preparing Medical Educators for the Future: A Virtual Faculty Development Program, Pediatric Academic Societies' 2021 Annual Meeting, Philadelphia, PA, May 3, 2021.
- Benjamin J, Cameron L, Burns A, **Thammasitboon, S.** Optimizing Virtual Learning by Creating a "Community of Inquiry", Pediatric Academic Societies' 2021 Annual Meeting, Philadelphia, PA, May 2, 2021.
- Nguyen s, Powel W, Moore D, **Thammasitboon, S.** Burns A. Bolstering Pediatric Physician Scientist Training: A National Needs Assessment of Residency Program Director, Association of Pediatric Program Directors 2021 Annual Meeting.
- Burns A, Turner T, Elaine Fielder, Parson W, **Thammasitboon S.** Training Resident Learners in Science and Clinical Education Through Dual Professional Identity Formation: Early Outcomes of the Pediatrician-Scientist Training & Development Program, Association of Medical Education in Europe (AMEE) Annual Congress, August 29, 2020.
- Tchamrtchi H, Kumar S, Rissmiller B, Castro D, Rama J, **Thammasitboon S.** Exploring Job Characteristics that Enrich and Motivate Clinician Educators and Education Leaders, Association of Medical Education in Europe (AMEE) Annual Congress, August 29, 2020.
- Cohen A, Falco Carla, **Thammasitboon, S.** Using the Assessment of Reasoning Tool to Facilitate Learning and Feedback about Diagnostic Reasoning During an Intern Case Discussion: A Mixed Methods Study, Pediatric Academic Societies' 2020 Annual Meeting, Philadelphia, PA, May 3, 2020.
- Welch C, Carbajal M, Kumar S, **Thammasitboon, S.** Psychological Safety in a Morning Report: An Integrated Mixed Methods Study on Team Learning Behaviors and Outcomes, Pediatric Academic Societies' 2020 Annual Meeting, Philadelphia, PA, May 3, 2020.
- Cameron L, **Thammasitboon S.** An Online Course to Optimize Urgent Care Provider Antimicrobial Use for Pediatric Upper Respiratory Infections, Pediatric Academic Societies' 2020 Annual Meeting, Philadelphia, PA, May 4, 2020.
- Ninemier M, Musick, M, **Thammasitboon S.** Lessons and Insights from the Implementation of the Cohort Model for a Pediatric Intensive Care Unit: An Integrated Mixed Method Research, Pediatric Academic Societies' 2020 Annual Meeting, Philadelphia, PA, May 3, 2020.
- Benjamin J, **Thammasitboon S.** Being Experienced or Affected by a Hurricane Has No Effect on Disaster Preparedness among Caregivers of Children with Special

Health Care Needs, Pediatric Academic Societies' 2020 Annual Meeting, Philadelphia, PA, May 4, 2020.

- Benjamin J, Roy K, Mahan J, **Thammasitboon S.** A Novel Curriculum and Program of Assessment for Tracheostomy Management: The Total is More than the Sum of its Parts, Pediatric Academic Societies' 2020 Annual Meeting, Philadelphia, PA, May 4, 2020.
- Welch C, Carbajal M, Kumar S, **Thammasitboon S.** Creation and Validation of Learning Environment Assessment Framework (LEAF) Tool: Assessing Psychological Safety in Group Learning Setting, Pediatric Academic Societies' 2019 Annual Meeting, Baltimore, MD, April 30, 2019.
- Mauney J, **Thammasitboon S.**, et al. Novel Orientation Program for Pediatric Cardiac Critical Care Advanced Practice Providers Directed Towards Enhancing Professional Identity Formation, Pediatric Cardiac Intensive Care Society' 2019 Annual Meeting, November 21, 2019.
- Riley A, Brown K, **Thammasitboon, S.** Developing a Mastery Learning Module for Focused Cardiac Ultrasound Training of Pediatric Critical Care Providers. American College of Cardiology Conference, March 19, 2019.
- Benjamin J, Roy K, **Thammasitboon, S.** Improving resident self-efficacy in managing tracheostomy related emergencies utilizing a blended curriculum with simulation, Pediatric Academic Societies' 2019 Annual Meeting, Baltimore, MD, April 28, 2018.
- Bahlala U, **Thammasitboon, S.** Rapid-Cycle Deliberate Practice for Training of Hands-On CPR Skills: A Randomized Controlled Trial, Society of Critical Care Medicine's 2019 Annual Congress, Orlando, FL, February 18, 2019
- Okhuysen-Cawley, R, **Thammasitboon, S.** Analgesia and Sedation for Compassionate Extubation: A Review of the Medical Literature, Society of Critical Care Medicine's 2019 Annual Congress, Orlando, FL, February 17, 2019
- Singhal G, Liang J, Turner T, **Thammasitboon, S.** Second Victim..What does it Mean and How I Help My Learners Not Become One? Association of Medical Education in Europe (AMEE) Annual Congress, Basel, Switzerland, August 28, 2018.
- Brown, K, Riley A, Castro D, Adler A, Alade K, **Thammasitboon, S.** Integrating Three Educational Models to Promote Skill Acquisition in Focused Cardiac Ultrasound, Association of Medical Education in Europe (AMEE) Annual Congress, Basel, Switzerland, August 29, 2018.
- Brown K, Castro, D, **Thammasitboon, S.** Integrating Three Educational Models to Promote Skill Acquisition in Focused Cardiac Ultrasound, Pediatric Academic Societies' 2018 Annual Meeting, Toronto, Canada, May 7, 2018.
- Mochen W, Moore H, **Thammasitboon, S.** Self-Determination Theory as a Framework to Explore Motivation in Caregivers of Children with Complex Chronic Conditions, Pediatric Academic Societies' 2018 Annual Meeting, Toronto, Canada, May 7, 2018.
- Pruitt S, Arnold J, **Thammasitboon, S.** et al. A Parental Self-Efficacy Tool in Tracheostomy Care: The Development and Validation of an Instrument, American Academy of Pediatrics Section on Critical Care/Pediatric Critical Care Colloquium, September 15, 2017.

- **Thammasitboon, S.** Ligon BL, Turner A, et al. Creating Education Enterprise, Association of Medical Education in Europe (AMEE) Annual Congress, Helsinki, Finland, August 29, 2017.
 - Singhal G, **Thammasitboon, S.** Gender Intelligence, Association of Medical Education in Europe (AMEE) Annual Congress, Helsinki, Finland, August 28, 2017.
5. Books
- a. Complete Books Written
 - Singhal G, **Thammasitboon S.** Education Module: Reducing Diagnostic Errors (electronic version). The National Patient Safety Foundation.
 - b. Books Edited (include names of other editors, if applicable)
 - c. Book Chapters Written
 - **Thammasitboon S.** Thammasitboon S, Singhal G. Diagnostic Error in Agrawal A (ed.) Patient Safety: A Case-Based Comprehensive Guide. Springer Sciences +Business Media, LLC 2013.
6. Other Works Communicating Research Results to Scientific Colleagues: NA
7. Other Works Communicating Research Results to General Public: NA

D. Innovation and Commercialization

1. Patents (list applications, patents awards, business development resulting from patents)
2. Device, Software or Other Development
3. Evidence of Impacting Health/Scientific Policy or Clinical Practice Guidelines (e.g., note policy or guidelines where publications were cited)
4. Participation in Business Development and Commercialization
5. Other Activities

III.TEACHING INFORMATION

A. Educational Leadership Roles (title, dates, responsibilities)

- Co-Director, Texas Children's Hospital Faculty College (5/2018-present)
- Chair, Resident Scholarship Program (1/2013-present)
- Director, Center for Research, Innovation and Scholarship in Medical Education (4/2019-present)
- Associate Fellowship Director for Education (7/2011-6/2014)
- Associate Fellowship Director for Critical Care Scholars Program (7/014-9/2016)
- CRIS Scholar, Center for Research, Innovation and Scholarship in Medical Education (3/2013-9/2015)
- Associate Director, Center for Research, Innovation and Scholarship in Medical Education (10/2015-4/2019)

B. Didactic Coursework (include dates, number of hours and approximate numbers of learners)

1. Courses Taught at BCM Within the Primary Department
 - Evidence-Based Medicine Series for Pediatric Critical Care Fellows
 - Board Review Series for Critical Care Fellows
 - Pediatric Critical Care- Emergency Medicine Collaborative Conference
 - Clinical Reasoning and Diagnostic Assessment for Pediatric Residents
 - Resident Scholarship Program, Year-round rotation for Pediatric Residents
 - Faculty College: Master Classes, Year-round Health Professions Education Certificate for faculty members
2. Courses Taught at BCM External to the Primary Department (include number of hours)
 - Wicked Problems: BCM Medical Students Elective Course
3. Courses Taught at Other Institutions while at BCM
 - Clinical Reasoning (University of Houston)
4. Courses Taught Prior to BCM

C. Curriculum Development Work (include institution where work was done and whether work was disseminated beyond home institution)

1. Evidence-Based Medicine for Pediatric Critical Care Fellows, Course Director, Fellows
2. Clinical Reasoning for Residents, Course Director, Medical students, Graduate medical trainees and faculty
3. Resident Scholarship Program, Course Director, Pediatric Residents
4. Biostatistics for Scholarly Clinicians, Course Director, Fellows
5. Point-of-Care Ultrasound for Critical Care Providers, Co-Director, Fellows and Faculty
6. Faculty College Health Professions Education Certificate, Co-Director, Faculty

D. Non-didactic Teaching (include teaching at BCM and any other teaching concurrent with or prior to teaching at BCM)

1. Resident Training (include estimate of time spent)
 - Pediatric Intensive Care Unit, Average of 8-12 weeks/year (days, nights and weekends), clinical rounds and bedside teaching (~500hrs/year from 2011-2015, ~350hrs/year from 2015-present), Team size: 3-5 residents, 1-2 fellows, 1-2 Advanced Practice Providers (APP), and occasional medical students
 - Progressive Care Unit, Average of 5-8 weeks/year (days, nights and weekends), clinical rounds and bedside teaching (~225hrs/ year from 2011-2015, ~140hrs/year from 2015-present), Team size: 4 residents, 1 fellow, 2 APP, and occasional medical students
2. Clinical Fellow Training (include names of fellows, dates, current location or position)
 1. Maria Gazzaneo, MD (1/08 – 6/11)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
 2. Sanju Samuel, MD (07/08 – 6/11)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
 3. Neeraj Srivastava, MD (07/08 – 6/11)
Assistant Professor, Pediatric Critical Care, Children's Hospital of San Antonio, TX
 4. Manuel Silva, MD (07/08 – 6/11)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
 5. Matthew Musick, MD (07/08 – 6/11)

- Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
6. Ryan Stark, MD (07/09 – 6/12)
Assistant Professor, Pediatric Intensive Care, Vanderbilt University School of Medicine, TN
 7. Aarti Bavare, MD (07/09 – 6/12)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
 8. Margaret Scheffler, MD (07/09 – 6/12)
Assistant Professor, Pediatric Intensive Care, Hasbro Children's Hospital, Rhode Island
 9. Joseph Phillip, MD (07/09 – 6/12)
Assistant Professor, Pediatric Intensivist, Shands Healthcare, Gainesville, FL
 10. Amy Arrington, MD PhD (07/10 – 06/13)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
 11. Efren Gutierrez, MD (07/10 – 6/13)
Assistant Professor, Pediatric Critical Care, Kaiser Oakland Medical Center, San Francisco
 12. Mona Karimullah, MD (07/10 – 6/13)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
 13. Jenna Miller, MD (07/10 – 6/13)
Assistant Professor, Pediatric Critical Care, Mercy Children's Hospital, Kansas City, Kansas
 14. Matthew Pesek, MD (07/10 – 6/13)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
 15. Scott Wheatley, MD (07/10 – 6/13)
Assistant Professor, Pediatric Critical Care, Lehigh Valley Hospital, Allentown, PA
 16. Natash Afonso, MD (07/11 – 6/14)
Assistant Professor, Pediatric Critical Care Section, Baylor college of Medicine
 17. Harish Bangalore, MD (07/11 – 6/14)
Pediatric Intensivist, Great Ormond Street Hospital, London UK
 18. Jordana Goldman, MD (07/11 – 6/14)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
 19. Tessy Thomas, MD (07/11 – 6/14)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
 20. Wail Ali, MD (07/12 – 6/15)
Assistant Professor, Pediatric Critical Care Section, West Virginia University Hospital, Morgantown, VA
 21. Ryan Coleman, MD (07/12 – 6/16)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
 22. Caridad Davalos, MD (07/12 – 6/15)
Assistant Professor, Pediatric Critical Care Section, Universidad San Francisco, Quito, Ecuador
 23. Mohammad Ebraheem, MD (07/12 – 6/15)
Assistant Professor, Pediatric Intensivist, Shands Healthcare, Gainesville, FL
 24. Zahraa Al-Lawati, MD (07/13 – 6/16)
Assistant Professor, Pediatric Critical Care Section, Detroit Medical Center, Detroit, MI
 25. Corey Chartan, MD (07/13 – 6/16)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
 26. Raeley Guess, MD (07/13 – 6/16)
Pediatric Intensivist, Fort worth, TX

27. Richard Lion, MD (07/13 – 6/16)
I Assistant Professor, Pediatric Critical Care Section, Loma Linda, CA
28. Brian Rissmiller, MD (07/13 – 6/16)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
29. Rocky Tsang, MD (7/14 – 6/16)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
30. Melanie Kitagawa, MD (07/13 – 6/16)
Assistant Professor, Pediatric Critical Care Section, Royal Children's Hospital, Australia
31. Dalia Bashir, MD (7/14 – 6/17)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
32. Nirica Borges, MD (7/14 – 6/17)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
33. Erin Keegan, MD (7/14 – 6/17)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
34. Emily Krennerich, MD (7/14 – 6/17)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
35. Andrea Ontanedo, MD (7/14 – 6/17)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
36. Spencer Pruitt, MD (7/14 – 6/17)
Assistant Professor, Pediatric Critical Care Section, Children's Hospital of Minnesota Minneapolis, MN
37. Tom Fogarty MD (7/15 – present)
Assistant Professor, Pediatric Critical Care Section, Baylor College of Medicine
38. Amir Navaei, MD (7/15 – present)
Instructor, Pediatric Critical Care Section, Baylor College of Medicine
39. Sonia Labarinas, MD (7/15 – present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
40. Chineyere Onyearugbulen, MD (7/15 – present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
41. Erika Bernardo, MD (7/16 – present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
42. Saleh Bhar, MD (7/16 – present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
43. Kyle Brown, MD (7/16 – present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
44. Sridevi Ellickal, MD (7/16 – present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine
45. Noelle Gorgis, MD (7/16 – present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
46. Dustin Hipp, MD (7/16 – present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
47. Nathan Serazin, MD (7/16 – present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
48. Kristen Meulmester, MD (7/17-present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
49. Raysa Morales, MD (7/17-present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas

50. Rachel Ninemire, MD (7/17-present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
51. Craig Pymonto, MD (7/17-present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
52. Brad Scherer (7/17-present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
53. Jaime Silva, MD (7/17-present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
54. Michael Smaglick, MD (7/17-present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
55. Kristen Dolan, MD (7/17-present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
56. Lauren Williams, MD (07/2018-present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
57. Sameer Thadani, MD (07/2018-present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
58. Rachael Rose, MD (07/2018-present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
59. Kriti Puri, MD (07/2018-present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
60. Chetna Pande, MD (07/2018-present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
61. Katherine Doane, MD (07/2018-present)
Fellow, Pediatric Critical Care Section, Baylor College of Medicine, Houston, Texas
62. Axel Moreira, MD (07/2019-present)
63. Muhammad Mian, MD (07/2019-present)
64. Ivanna Maxson, MD (07/2019-present)
65. Joseph Knadler, MD (07/2019-present)
66. Ian Justement, MD (07/2019-present)
67. Sara Hyatt, MD (07/2019-present)
68. Sakina Attaar, MD (07/2019-present)

3. Research Training

Fellows

1. Jenna Miller MD –Critical Care Fellow, July 2011-June 2013
2. Natasha Afonso- Critical Care Fellow, July 2011-June 2014
3. Tessy Thomas, DO, Critical Care Fellow, July 2011-June 2014
4. Corey Chartan, DO, Pediatric Resident, July 2011-June 2013
5. Robert Ricketts, MD, Pediatric Resident, May 2014-June 2015
6. Lily Xiong, MD, Pediatric Resident, May 2014-June 2015
7. Brain Rissmiller, MD, Critical Care Fellow, July 2013- June 2016
8. Corey Chartan, DO, Critical Care Fellow, July 2013-June 2016
9. Raeley Guess, DO, Critical Care Fellow, July 2013- June 2016
10. Michael Smaglick, MD, Pediatric Resident, July 2015-June 2016
11. Shubhada Hooli, MD, Critical Care Fellow, July 2015-June 2016

12. Spencer Pruitt, MD, Critical Care Fellow, July 2014-June 2017
13. Kyle Brown, MD, Critical Care Fellow, July 2016-present
14. Kristen Dolan, MD, Critical Care Fellow, July 2017-2020
15. Craig Paynemto, MD, Critical Care Fellow, March 2016-2019
16. Wallis Mochen, MD, Hospital Medicine Fellow, October 2016-
17. Jennifer Rammel, MD, Rheumatology Fellow, July 2017-2020
18. Grant Shafer, MD, Neonatology Fellow, December 2017-2020
19. Rachel Niemeyer, MD, Critical Care Fellow, January 2018-2020
20. Lauren Williams, MD, Critical Care Fellow, March 2017-2020
21. Ivanna Maxson, MD, Critical Care Fellow, August 2019-present
22. Dan Hussumani, MD, Critical Care Fellow, October 2020-present
23. Sarah Walters, MD, Critical Care Fellow, January 2021-present

Faculty

24. Danny Castro, MD, Faculty April 2011-December 2017
25. John Darby, MD, Faculty, July 2013-present
26. Amy Arrington, MD, Faculty, April 2015-June 2017
27. Matei Petrescu, MD, Faculty, May 2015-present
28. Natasha Alfonso, M.D., M.P.H.- Faculty July 2015-2018
29. Tessy Thomas, DO, Faculty July 2014-present
30. Brian Rissmiller, MD, Fellow July 2016-present
31. Utpal Bhalalaha, MD, Faculty, February 2017-2019
32. Jennifer Benjamin, Faculty, February 2017-present
33. Ganga Gokulakrishnan, MD, June 2017-2018
34. Audrea Burns, PhD, January 2016-present
35. Adam Cohen, MD, 2017-present
36. Lindsay Cameron, MD, May 2020-present
37. Miariah Gillespie, MD, August 2021-present

International Research Fellow Training

38. Siriporn Phongjitsiri, MD, May 2014- April 2015
39. Jarin Vaewpanich, MD, October 2015- April 2016
40. Jen-feng Liang, MD, Faculty, Taiwan, June 2017-2018

National Research Mentoring

41. Riad Lutfi, MD, Faculty, Indiana University, March 2017-present
42. Jenna Miller, MD, Faculty, Children's Mercy Kansas City, July 2013- 2018
43. Brian Lee, MD, Faculty, Brown University, May 2018-2020

International Research Mentoring

44. Jen-feng Liang, MD, Faculty, Taiwan, June 2017-present
45. Samart Pakarkassama, MD, Faculty, Thailand, July 2017-present
46. Jarin Vaewpanich, Faculty, Thailand, May 2017-present
47. Supaporn Dissanevate, MD, March 2018-present
48. Khunasiri, MD, June 2020-present

4. Graduate Student Training (describe your role, such as major advisor or committee member; provide information about each fellow as above)

5. Medical Student Mentoring (provide information as above)

E. Faculty Development or Continuing Medical Education (list contributions as a course developer, presenter, etc.)

1. Texas Children's Hospital Faculty College Health Professions Education Certificate, Developer, Co-Director and Presenter
2. Scholarship Club, Developer and Director and Presenter
3. Writing Retreat, Director, Developer and Presenter
4. Annual Education Retreat, Planning Committee Chair and Presenter
5. Annual Educator Orientation, Planning Committee and Presenter
6. Practical Skills for Evidence Reviews in Health Professions Education, Co-Director and presenter
7. Global Health Scholarship Community of Practice, Developer and Presenter
8. Neurocritical Care Symposium, Developer
9. Innovation Symposium, Co-Chair and Presenter
10. Coaching Symposium, Co-Chair and Presenter
11. Pediatric Critical Care Medicine Research Forum, Planning Committee

F. Lectures and Presentations (provide complete citation for each item; list invited lectures in II.B.5 and lectures, posters or presentations with published abstracts in section II.C.3)

Local

- Teaching 101, BIPAI, July 19, 2018
- Tips and Tools for Success in Education Scholarship TCH Faculty College Orientation, July 18, 2018
- Educational Scholarship Club: Tips and Tool for Success in Educational Scholarship, June 6, 2018.
- Sharing Your Scholarly Work to the World, Texas Children's Hospital Woodland Campus, Faculty Development, April 19, 2018
- Educational Scholarship Club: Transforming Academic Tasks to Scholarship, September 20, 2017
- Developing Strategies to Motivate Learners and Enrich Work Environment, September 12, 2017
- Educational Scholarship Club: Assuring Validity of Educational Instruments, May 18, 2017
- Educational Scholarship Club: Innovating Curriculum, February 23, 2017.
- Educational Scholarship Club: Conceptual Framework, November 10, 2016.
- Fostering Resident Autonomy, The TCH Education Retreat, December 2, 2016.
- Modeling Expert Thinking, Endocrinology Faculty Development, December 15, 2016.
- Conceptual Frameworks: Finding your True North in Developing Scholarship The TCH Education Retreat, December 4, 2015.
- Deliberate Practice and Master Coaching, The TCH Education Retreat, December 4, 2014.
- Modeling Expert Thinking, The TCH Education Retreat, December 5, 2013.
- Expert Thinking: Intuition and Metacognition, Special Interest Group-August 17, 2011.
- Rapid Technique for Evidence-based Medicine. Pediatric Cardiology Section Conference, Texas Children's Hospital, October 28, 2011.

- Deliberate Practice: Journey to Clinical Expertise, Pediatric Grand Rounds, West Virginia University School of Medicine, Morgantown, July 18, 2010.
- Toward Clinical Excellence: Building a Broadband Circuit for the Expertise Development. Pediatric Critical Care Section Conference, Texas Children's Hospital May 5, 2010.
- The Secrets of Expert Thinking Pediatric Grand Rounds, West Virginia University School of Medicine, Morgantown, October 17, 2007.
- Why Did You Miss the Diagnosis? The Anatomy of a Crime Pediatric Grand Rounds, West Virginia University School of Medicine, Morgantown, October 11, 2006.
- Procedural Sedation for Emergency Medicine Physicians, Emergency Medicine Grand rounds, West Virginia University School of Medicine, April 2006.
- Why Did You Miss the Diagnosis?: The Importance of Cognitive Errors and Strategies to Minimize Them, Pediatric Grand Rounds, West Virginia University School of Medicine, November 2005.
- Pediatric Advanced Life Support course for WVU hospital employees, director, August 2005.
- Using Evidence-Based Medicine to solve your "headache" in daily practice, Pediatric Grand Rounds, West Virginia University School of Medicine, January 2005.

E. Visiting Professorships (include location, dates)

- Teaching and Assessing Clinical Reasoning, Prince of Songkla University, Hat Yai, Thailand, February 7, 2020 (All-day education retreat).
- An Overview of Programmatic Assessment, February 6, 2020 (All-day education retreat)
- "The Theory of Threshold Concept: An Analytical Tool for Curriculum Planning", Prince of Songkla University, Hat Yai, Thailand, October 31, 2019.
- The Secrets of Expert Thinking, Pediatric Grand Rounds, University of Illinois at Chicago, Chicago, IL, June 12, 2009.
- Clinical Expertise: Intuition and Metacognition, Pediatric Grand Rounds, Scott & White Hospital for Children, Texas A&M Medical School, October 1, 2008.
- Cognitive Forcing Strategies to Minimize Diagnostic Errors in Clinical Practices, Pediatric Grand Rounds, West Virginia University School of Medicine, Charleston, WV, April 27, 2007.
- Cognitive Forcing Strategies to Minimize Diagnostic Errors in Clinical Practices, Visiting Professor Pro Tempore, Cleveland Clinic Foundation, Cleveland, OH, April 3, 2007.
- Why Did You Miss the Diagnosis?: The Anatomy of a Crime, Prince of Songkla University, Songkhla, Thailand, February 12, 2007.
- Heart-Lung Interaction and Ventilator Management, Pediatric Conference, Prince of Songkla University, Songkhla, Thailand, February 12, 2007.
- Why Did You Miss the Diagnosis?: The Anatomy of a Crime, Joint Pediatric Grand Rounds for Chicago Medical Center (University of Illinois at Chicago, Rush-Presbyterian-St's Luke's Medical Center, Cook County Hospital, August 22, 2006

IV. MEDICAL & SERVICE INFORMATION

A. Patient Care Responsibilities

- PICU and PCU Inpatient Service (2011-2015:16-20 weeks, 2015-2017: 13-15 weeks)
- In house call 2 nights/month and average 1 weekend/month

B. Clinical Laboratory Responsibilities at BCM

C. National Education or Voluntary Health Organization Participation

- Chair, Assessment subcommittee, Society to Improve Diagnosis
- Member, Education Committee, Society to Improve Diagnosis
- Faculty Development Taskforce, Association of Pediatric Program Directors
- Appraisal Committee for Directory and Repository of Educational Assessment Measures (DREAM), Association of American Medical College
- Designated reviewer for MedEdPORTAL, Association of American Medical College, 2008-present

D. Administrative Assignments at BCM

1. Department Administration, Committees, etc.

Administrative Assignments

- Associate Fellowship Director for Education (7/2011-6/2014)
- Associate Fellowship Director for Critical Care Scholars Program (27/014-6/72016)
- Chair, Resident Scholarship Program (1/2013-present)
- CRIS Scholar, Center for Research, Innovation and Scholarship (3/2013-9/2015)
- Associate Director, Center for Research, Innovation and Scholarship (10/2015-present)

Committees

- Evidence-based Practice Guidelines Committee for Acute Chest Syndrome, Texas Children's Hospital, September 2011-present
- Resident Scholarship Program Executive Committee January 2013-present
- Pediatrics Resident Curriculum Subcommittee for Scholarly Advancement, August 2011-2012
- Clinical Competency Committee, Pediatric Residency Program, July 2013-present
- Continuing Medical Education Committee, July 2016-present

2. College, School or University Administration, Committees, etc.

- Norton Rose Fulbright Faculty Excellence Review Committee

E. Other Pertinent Information