

REBECCA ANN ASLAKSON, MD PhD FAAHPM FCCM

Curriculum Vitae



14 July 2020

Rebecca Aslakson, M.D., Ph.D.

DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointments

08/2019-Present Division Chief of Adult Critical Care Medicine, Department of Anesthesiology, Perioperative, and Pain Medicine, Stanford University School of Medicine, Stanford, CA

06/2019-Present Faculty, Stanford Center for Biomedical Ethics, Stanford University School of Medicine, Stanford, CA

09/2018-Present Member, Stanford Cancer Institute, Stanford, CA

03/2018-Present Associate Professor, Medical-Clinical Line, Stanford University, Stanford, CA

10/2014-Present Adjunct Professor, Department of Health, Behavior & Society, The Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

04/2016-Present Adjunct Professor, The Johns Hopkins University School of Nursing, Baltimore, MD

Past Appointments

09/2014-09/2017 Associate Professor, Department of Anesthesiology and Critical Care Medicine, The Johns Hopkins University School of Medicine, Baltimore, MD

04/2015-09/2017 Associate Professor, Department of Oncology – Palliative Care, The Kimmel Comprehensive Cancer Center at Johns Hopkins, Baltimore, MD

10/2013-09/2017 Core Faculty, The Armstrong Institute for Patient Safety and Quality, Baltimore, MD

08/2014-09/2017 Affiliate Faculty, The Center for Health Services and Outcomes Research, The Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

05/2017-09/2017 Associate Professor, Department of Surgery, The Johns Hopkins School of Medicine, Baltimore, MD

09/2008-09/2014 Assistant Professor, Department of Anesthesiology and Critical Care Medicine, The Johns Hopkins University School of Medicine, Baltimore, MD

Education and Training

09/1994-05/1998 B.A. – Summa Cum Laude, Biology/Mathematics, Washington University in St. Louis, MO

08/1998-06/2003 M.D., Harvard Medical School/Massachusetts Institute Of Technology, Boston, MA

08/2000-09/2001 M.Sci. – With Distinction, Biomedical Sciences, University of Ulster, Northern Ireland, UK

07/01/2003-06/30/2004 Intern, Surgery & Internal Medicine, Newton Wellesley Hospital, Newton, MA

08/01/2004-07/31/2007 Resident, Anesthesia/Critical Care, Massachusetts General Hospital, Boston, MA

09/01/2007-08/31/2008 Fellow, Surgical Critical Care, Johns Hopkins Hospital, Baltimore, MD

09/2008-06/2013 Ph.D., Clinical Investigation, The Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

Boarding

2008-2028 Anesthesiology, The American Board of Anesthesiology

2008-2028 Critical Care Medicine, The American Board of Anesthesiology

2010-2028 Hospice and Palliative Medicine, The American Board of Anesthesiology

PUBLICATIONS

Peer-reviewed Original Research - (maiden name: Reichert)

1. Pentieva K, McNulty H, **Reichert RA**, Ward M, Strain JJ, McKillop DJ, McPartlin JM, Connelly E, Molloy A, Gramer K, Scott JM. The short-term bioavailability of [6S]-5-methyltetrahydrofolate and folic acid are equivalent in men. *Journal of Nutrition* 2004; 134(3):580-5.
2. Templeton AR, **Reichert RA**, Weisstein AE, Yu XF and RB Markham. Selection in context: patterns of natural selection in the glycoprotein 120 region of HIV-1 within infected individuals. *Genetics* 2004; 167(4):1547-61.
3. **Aslakson RA**, Wyskiel R, Shaeffer D, Zyra M, Ahuja N, Nelson J, Pronovost PJ. Surgical intensive care unit clinician estimates of the adequacy of communication regarding patient prognosis. *Critical Care* 2010; 14(6):R218. PMID: 21114837.
4. **Aslakson RA**, Romig M, Galvagno SM, Colantuoni E, Cosgrove SE, Perl TM, Pronovost PJ. Accounting for multiple concurrent catheters increases central line associated bloodstream infection rates. *Infection Control and Hospital Epidemiology* 2011; 32(2):121-124. PMID: 21460465.
5. Dy SM, **Aslakson R**, Wilson RF, Fawole OA, Lau BD, Martinez KA, Vollenweider D, Apostol C, Bass EB. Interventions to Improve Health Care and Palliative Care for Advanced and Serious Illness. Closing the Quality Gap: Revisiting the State of the Science. Evidence Report No. 208. (Prepared by the Johns Hopkins University Evidence-based Practice Center under Contract. No. 290-2007-10061-I.) AHRQ Publication No. 12-E014-EF. Rockville, MD: Agency for Healthcare Research and Quality. October 2012. www.effectivehealthcare.ahrq.gov/reports/final.cfm. PMID: 24423021.
6. **Aslakson RA**, Wyskiel R, Thornton I, Copley C, Shaffer D, Zyra M, Nelson J, Pronovost PJ. Nurse-perceived barriers to effective communication regarding prognosis and optimal end-of-life care for surgical ICU patients: a qualitative exploration. *J Palliat Med* 2012; 15(8):910-915. PMID: 22676315.
7. Fawole O, Dy SM, Wilson RF, Lau BD, Martinez KA, Apostol CC, Vollenweider D, Bass EB, **Aslakson RA**. A systematic review of communication quality improvement interventions for patients with advanced and serious illness. *J Gen Int Med* 2013; 28(4):570-577. PMID: 23099799.
8. Dy S, Wilson RF, Fawole O, Lau BD, Martinez KA, Apostol CC, Bass EB, **Aslakson RA**. Continuity, coordination and transitions of care for patients with serious and advanced illness: a systematic review of interventions. *J Pall Med* 2013; 16(4):436-445. PMID: 23488450.
9. Martinez KA, **Aslakson RA**, Wilson RF, Apostol CC, Fawole OA, Lau BD, Vollenweider D, Bass EB, Dy SM. A systematic review of healthcare interventions for pain in patients with advanced cancer. *American Journal of Hospice and Palliative Medicine* 2014; 31(1):79-86. PMID: 23408371.
10. Lau BD, **Aslakson RA**, Wilson RF, Fawole OA, Apostol CC, Martinez KA, Vollenweider D, Bass EB, Dy SM. Methods for improving the quality of palliative care delivery: a systematic review. *American Journal of Hospice and Palliative Medicine* 2014; 31(2):202-210. PMID: 23532404.
11. **Aslakson RA**, Cheng J, Vollenweider D, Galusca D, Smith TJ, Pronovost PJ. Evidence-based palliative care in the intensive care unit? – a systematic review of interventions. *Journal of Palliative Medicine* 2014; 17(2):219-235. PMID: 24517300.
12. **Aslakson RA**, Schuster ALR, Miller J, Weiss M, Volandes AE, Bridges JFP. An environmental scan of advance care planning decision aids for patients undergoing major surgery: a study protocol. *The Patient* 2014;7(2):207-217. PMID: 24469597.
13. Schuster ALR, **Aslakson RA**, Bridges JFP. Creating an advance-care-planning decision aid for high-risk surgery: A qualitative study. *BMC Palliative Care* 2014; 13:32. PMID: 25067908.
14. Fong E, Li C, Aslakson R, Agrawal Y. A systematic review of patient-reported outcomes measures in clinical vestibular research. *Arch Phys Med Rehabil* 2015;96(2):357-65. PMID: 25305629.
15. Ellis L, Gergen J, Wohlgemuth, Nolan MT, **Aslakson RA**. Empowering the “cheerers”: a qualitative study on the role of surgical intensive care unit nurses in enhancing family resilience. *American Journal of Critical Care* 2016;25(1):39-45. PMID: 26724292.
16. Hunsberger J, Cheng J, **Aslakson RA**. Spirituality and religiosity during the perioperative period for cancer patients and their families: a systematic review. *Palliat Med Hosp Care Open J* 2014; 1(1):8-15.
17. Mitchell IA, Schuster ALR, Lynch TL, Smith KC, Bridges JFP, **Aslakson RA**. Why don't end-of-life conversations go viral? A review of videos on YouTube. *BMJ Supportive & Palliative Care* 2017; 7(2):197-204. PMID: 26182948.
18. **Aslakson RA**, Schuster ALR, Reardon J, Lynch TL, Suarez-Cuervo C, Miller JA, Moldovan R, Johnston F, Anton B, Weiss M, Bridges JFP. Promoting perioperative advance care planning: a systematic review of advance care planning aids. *Journal of Comparative Effectiveness* 2015; 4(6):615-50. PMID: 26346494.

19. **Aslakson RA**, Coyle M, Wyskiel R, Copley C, Han K, Ahuja N, Pronovost PJ. Lessons learned from a palliative care-related communication intervention in an adult surgical intensive care unit. *J Palliat Care Med* 5: 240.
20. Gramling R, Stanek S, Ladwig S, Gajary-Coots E, Cimino J, Anderson W, Norton SA; **AAHPM Research Committee Writing Group**. Feeling heard and understood: a patient-reported quality measure for the inpatient palliative care setting. *Journal of Pain and Symptom Management* 2016; 51(2):150-4. PMID: 26596879.
21. Kamal AH, Bull J, Ritchie CS, Kutner JS, Hanson LC, Friedman F, Taylor DH Jr; **AAHPM Research Committee Writing Group**. Adherence to measuring what matters measures using point-of-care data collection across diverse clinical settings. *Journal of Pain and Symptom Management* 2016; 51(3):497-503. PMID: 26854995.
22. Grudzen CR, Buonocore P, Steinberg J, Ortiz JM, Richardson LD; **AAHPM Research Committee Writing Group**. Concordance of advance care plans with inpatient directives in the electronic medical record for older patients admitted from the emergency department. *Journal of Pain and Symptom Management* 2016; 51(4):647-51. PMID: 26891604.
23. Lamba S, Berlin A, Goett R, Ponce CB, Halland B, Walther S; **AAHPM Research Committee Writing Group**. Assessing emotional suffering in palliative care: use of a structured note template to improve documentation. *Journal of Pain and Symptom Management* 2016; 52(1):1-7. PMID: 27241439.
24. Hendricks Sloan DH, Peters T, Johnson KS, Bowie JV, Ting Y, **Aslakson R**. Church-based health promotion focused on advance care planning and end-of-life care at Black Baptist churches: a cross-sectional survey. *Journal of Palliative Medicine* 2016; 19(2):190-4. PMID: 26840855.
25. Kim K, Bauck A, Monroe A, Mallory M, & Aslakson, R. Critical care nurses' perceptions of and experiences with chaplains: Implications for nurses' role in providing spiritual care. *Journal of Hospice & Palliative Nursing* 2017; 19(1):41-48. ISSN: 1522-2179. AN: 120831092.
26. LeBlanc TW, Ritchie CS, Friedman F, Bull J, Kutner JS, Johnson KS, Kamal AH; **AAHPM Research Committee Writing Group**. *Journal of Pain and Symptom Management* 2016; 53(6):775-82. PMID: 27810570.
27. Garner KK, Dubbert P, Lensing S, Sullivan DH; **AAHPM Research Committee Writing Group**. Concordance between veterans' self-report and documentation of surrogate decision makers: implications for quality measurement. *Journal of Pain and Symptom Management* 2017; 53(1):1-4. PMID: 27876636.
28. **Aslakson RA**, Kweku J, Kinnison M, Singh S, Crowe TY, and the AAHPM Writing Group. Operationalizing the Measuring What Matters spirituality quality metric in a population of hospitalized, critically ill patients and their family members. *Journal of Pain and Symptom Management* 2017; 53(3):650-655. PMID: 28042059.
29. Davidson JE, **Aslakson RA**, Long AC, Puntillo KA, Kross EK, Hart J, Cox CE, Wunsch H, Wickline MA, Nunnally ME, Netzer G, Kentish-Barnes N, Sprung CL, Hartog CS, Coombs M, Gerritsen RT, Hopkins RO, Franck LS, Skrobik Y, Kon AA, Scruth EA, Harvey MA, Lewis-Newby M, White DB, Swoboda SM, Cooke CR, Levy MM, Azoulay E, Curtis JR. Guidelines for family-centered care in the neonatal, pediatric, and adult ICU. *Crit Care Med* 2017; 45(1):103-28. PMID: 27984278.
30. **Aslakson R**, Dy SM, Wilson RF, Waldfogel JM, Zhang A, Isenberg SR, Blair A, Sixon J, Robinson KA. Assessment Tools for Palliative Care. Technical Brief No. 30 (Prepared by the Johns Hopkins University under Contract. No. 290-2015-00006-I.) AHRQ Publication No. 14-17-EHC007-EF. Rockville, MD: Agency for Healthcare Research and Quality; May 2017. www.effectivehealthcare.arhq.gov/reports/final.cfm; <https://doi.org/10.23970/AHRQEPCTB30>. PMID: 28837305.
31. Khosla N, Washington KT, Shaunfield S, **Aslakson R**. Communication challenges and strategies of U.S. Healthcare Professionals caring for seriously ill South Asian patients and their families. *J Palliat Med* 2017; 53(3):650-5.
32. **Aslakson RA**, Reinke LF, Cox C, Kross EK, Benzo RP, Curtis JR. Developing a research agenda for integrating palliative care into critical care and pulmonary practice to improve patient and family outcomes. *J Palliat Med* 2017; 20(4):329-43. PMID: 28379812.
33. **Aslakson R**, Isenberg S, Crossnohere N, Conca-Cheng A, Yang T, Weiss M, Volandes A, Bridges JFP, Roter D. Utilizing advance care planning videos to empower perioperative cancer patients and families: a study protocol of a randomized controlled trial. *BMJ Open* 2017; 7(5):e016257. PMID: 28592584.
34. **Aslakson RA**, Schuster ALR, Lynch TJ, Weiss MJ, Gregg L, Miller J, Isenberg SR, Crossnohere NL, Conca-Cheng AM, Volandes AE, Smith TJ, Bridges JFP. Developing the storyline for an advance care planning

- video for surgery patients: patient-centered outcomes research engagement from stakeholder summit to state fair. *J Palliat Med* 2018; 21(1):89-94. PMID: 28817359.
35. Unroe KT, Ast K, Chuang E, Schulman-Green D, Gramling R.; **AAHPM Research Committee Writing Group**. The implementation of Measuring What Matters in research and practice: series commentary. *J Pain Symptom Manage* 2017; 45(9):1531-1537. PMID: 28729008.
 36. Thornton KC, Schwarz JJ, Gross AK, Anderson WG, Liu KD, Romig MC, Schell-Chaple H, Pronovost PJ, Sapirstein A, Gropper MA, Lipshutz AKM, **Project Emerge Collaborators**. Preventing harm in the ICU-building a culture of safety and engaging patients and families. *Crit Care Med* 2017; 45(9):1531-7. PMID: 28640023.
 37. **Aslakson R**, Dy SM, Wilson RF, Waldfogel J, Zhang A, Isenberg SR, Blair A, Sixon J, Robinson KA. Patient and caregiver-reported assessment tools for palliative care: summary of the 2017 AHRQ Technical Brief. *J Pain Syntom Manage* 2017; 54(6):961-72. PMID28818633.
 38. Isenberg SR, **Aslakson RA**, Dionne-Odom JN, Clegg Smith K, Singh S, Larson S, Bridges JFP, Smith TJ, Roter DL. Family companions' involvement during pre-surgical consent visits for major cancer surgery and its relationship to visit communication and satisfaction. *Patient Educ Couns* 2018; 101(6):1055:1074. PMID: 29402574.
 39. Bridges JF, Crossnohere NL, Schuster AL, Miller JA, Pastorini C, **Aslakson RA**. A patient and community-centered approach selecting endpoints for a randomized trial of a novel advance care planning tool. *Patient Pref Adherence* 2018 Feb 8; 12:241-49. PMID: 29445267.
 40. Isenberg SR, Crossnohere NL, Patel MI, Conca-Cheng A, Bridges JFP, Swoboda SM, Smith TJ, Pawlik TM, Weiss M, Volandes AE, Schuster A, Miller JA, Pastorini C, Roter DL, **Aslakson RA**. An advance care plan decision support video before major surgery: a patient- and family-centred approach. *BMJ Support Palliat Care* 2018; 8(2):229-236. PMID: 29555812.
 41. Bridges JFP, Lynch T, Schuster ALR, Crossnohere NL, Smith KC, **Aslakson RA**. A review of paper-based advance care planning aids. *BMC Palliat Care* 2018; 17(1):54. ONUDL 29587711.
 42. Pollom EL, Sborov KD, Soltys SG, Asch SM, Sudore RL, **Aslakson RA**. Advance care planning needs in patients with glioblastoma undergoing radiotherapy. *J Pain Symptom Manage* 2018; 56:e6-8. PMID: 30201484.
 43. Sborov K, Giaretta S, Koong A, Aggarwal S, **Aslakson R**, Gensheimer MF, Chang DT, Pollom EL. Impact of accuracy of survival predictions on quality of end-of-life care among patients with metastatic cancer who receive radiation therapy. *J Oncol Pract* 2019; 15(3):e262-270. PMID: 30620629.
 44. **Aslakson RA**, Ast K, and the AAHPM Research Committee Writing Group. Introduction to a New Special Series for the Journal of Pain and Symptom Management-Science in Action: Evidence and Opportunities for Palliative Care Across Diverse Populations and Care Settings. *J Pain Symptom Manage* 2019; 58(1):134-6. PMID: 30763601.
 45. Khosla N, Washington KT, Mukherjea A, **Aslakson R**. Health-care providers' perspectives on decision-making among seriously ill patients of South Asian origin in the United States. *J Palliat Med*. 2019; 34(3): 181-188. PMID: 30808268.
 46. Hall ET, Singhal S, Dickerson J, Gabster B, Wong HN, **Aslakson RA**, Schapira L, and the AAHPM Research Committee Writing Group. Patient reported outcomes for cancer patients receiving immunotherapy: Opportunities for palliative care – a systematic review. *J Pain Symptom Manage* 2019; 58(1):137-56. PMID: 30905677.
 47. **Aslakson RA**, Isenberg SR, Crossnohere NL, Conca-Cheng AM, Moore M, Bhamidipati A, Mora S, Miller J, Singh S, Swoboda SM, Pawlik TM, Weiss M, Volandes A, Smith TJ, Bridges JFP, Roter DL. Integrating advance care planning videos into surgical oncologic care: a randomized clinical trial. *J Palliat Med* 2019; 22(7):764-72. PMID: 30964385.
 48. **Aslakson RA**, Chandrashekar SV, Rickerson E, Fahy BN, Johnston FM, Miller A, Conca-Cheng A, Wang S, Morris AM, Lorenz K, Temel JS, Smith TS. A Multi-Center Randomized Controlled Trial of Perioperative Palliative Care Surrounding Cancer Surgery for Patients and their Family Members (the PERIOP-PC trial). *Journal of Palliative Medicine* 2019; 22(S1):44-57. PMID: 31486730.
 49. Saunders S, Killackey T, Kurahashi A, Walsh C, Wentlandt K, Lovrics E, Scott M, Mahtani R, Bernstein M, Howard M, Tanuseputro P, Goldman R, Zimmermann C, **Aslakson RA**, Isenberg SR, and the AAHPM Research Committee Writing Group. Palliative care transitions from acute care to community-based care – a systematic review. *J Pain Symptom Manage* 2019; 58(4):721-34. PMID: 31201875.

50. Metaxa V, Anagnostou D, Vlachos S, Arulkumaran N, van Dusseldorp I, Bensemmane S, **Aslakson R**, Davidson JE, Gerritson R, Hartog C, Curtis R. Palliative care interventions in intensive care unit patients – a systematic review protocol. *Syst Rev* 2019; 8(1):148. PMID: 31228954.
51. Ludmir J, Steiner JM, Wong HN, Kloosterboer A, Leong J, **Aslakson RA**, and the AAHPM Research Committee Writing Group. Palliative care opportunities among adults with congenital heart disease. *J Pain Symptom Manage* 2019; 58(5):891-898. PMID: 31404639.
52. Marmor M, Jonas A, Mirza A, Rad E, Wong H, **Aslakson RA**, and the AAHPM Research Committee Writing Group. Opportunities to improve utilization of palliative care among adults with cystic fibrosis: a systematic review. *J Pain Symptom Manage* 2019; 58(6):1100-1112. PMID: 31437475.
53. Wilson JG, English DP, Owyang CG, Chimelski EA, Grudzen CR, Wong HN, **Aslakson RA**, and the AAMP Research Committee Writing Group. End-of-Life Care, Palliative Care Consultation, and Palliative Care Referral in the Emergency Department: A Systematic Review. *J Pain Symptom Manage* 2020; 59(2):372-383. PMID: 31586580
54. Cook AC, Langston JA, Jaramillo JD, Edwards K, Hong HN, **Aslakson RA**, and the AAHPM Research Committee Writing Group. Opportunities for palliative care in patients with burn injury – a systematic review. *J Pain Symptom Manage* 2020; 59(4):916-31. PMID: 31775021
55. Yefimovia M, **Aslakson RA**, Yang L, Garcia A, Boothroyd D, Gale RC, Giannitrapani K, Morris AM, Johanning JM, Shreve S, Wachterman MW, Lorenz KA. Palliative care and end-of-life outcomes following high-risk surgery. *JAMA Surgery* 2020; 155(2):128-46. PMID: 31895424

Invited Reviews

1. **Aslakson RA**, Pronovost PJ. Health care quality in end-of-life care: promoting palliative care in the intensive care unit. *Anesthesiology Clinics of North America* 2011; 29:111-22.
2. **Aslakson RA**, Bridges JFP. Assessing the impact of palliative care in the intensive care unit through the lens of patient-centered outcomes research. *Curr Opin Crit Care* 2013; 19(5):504-10.
3. Shander A, Gandhi N, **Aslakson RA**. Anesthesiologists and the quality of death. *Anesthesia & Analgesia* 2014;118(4):695-697.
4. **Aslakson RA**, Curtis JR, Nelson JE. The changing role of palliative care in the ICU. *Critical Care Medicine* 2014; 42(11):2418-2428.
5. Gustin AN, **Aslakson RA**. Palliative care for the geriatric anesthesiologist. *Anesthesiol Clin* 2015;33(3):591-605
6. Isenberg SR, **Aslakson RA**, Smith TJ. Implementing evidence-based palliative care programs and policy for cancer patients: epidemiologic and policy implications of the 2016 American Society of Clinical Oncology Clinical Practice Guideline Update. *Am J Epi* 2017; 39(1):123-31.
7. Mazanec P, **Aslakson RA**, Bodurtha J, Smith TJ. Mentoring in palliative nursing. *Journal of Hospice & Palliative Nursing* 2016; 18(6):488-95.
8. Isenberg SR, **Aslakson RA**, Smith TJ. Implementing evidence-based palliative care programs and policy for cancer patients: epidemiologic and policy implications of the 2016 American Society of Clinical Oncology clinical practice guideline update. *Epidemiol Rev* 2017; 39(1):123-131. PMID: 28472313.

Book Chapters

1. **Aslakson R** & J Hellman. “Infectious diseases and infection control in anesthesia” In: Dunn P ed. *Clinical Anesthesia Procedures of the Massachusetts General Hospital*, 7th ed. Philadelphia: Lippincott Williams & Wilkins, 2007:104-123.
2. **Aslakson RA**, Cosgrove SE, Avdic EA. “Interpretation of preliminary microbiology data” and “Urinary tract infections” In: Cosgrove SE, Avdic EA ed. *2010-2011 Antibiotic Guidelines – Treatment Recommendations for Adult Inpatients*. Baltimore: The Johns Hopkins Hospital Antibiotic Management Program, 2010:91-97.
3. **Aslakson RA**, Brookman JC, Smith TJ. “When should nerve blocks be used for pain management?” In: Goldstein N, Morrison S. *Evidence-Based Practice in Palliative Medicine*, 1st Ed. Elsevier, 2012:99-102.
4. Slater L, Garcia L, Park D, Deshpande R, Kelker T, **Aslakson RA**. “Endocrinology” In: Berg S, Bittner EA ed. *The Massachusetts General Hospital Review of Critical Care Medicine*, 1st ed. Philadelphia: Lippincott Williams & Wilkins, 2014:147-158.
5. Kalman R, **Aslakson RA**. “Ethics and End of Life Care” In: Berg S, Bittner EA ed. *The Massachusetts General Hospital Review of Critical Care Medicine*, 1st ed. Philadelphia: Lippincott Williams & Wilkins, 2014:332-336.

- Cook AC, **Aslakson RA**. “Palliative and End-of-Life Care in the Intensive Care Unit” In: Ryu HG, Connor MJ ed. Current Concepts in Adult Critical Care, 2019 edition. Mt. Prospect IL: Society of Critical Care Medicine, 2019:27-38.

Invited Editorials

- Aslakson RA**. Measuring “quality” – what do patient and surrogate assessments of communication actually mean? Critical Care Medicine 2015;43(3):700-1.
- Aslakson RA**. Time-limited trials in the ICU: Seeing the forest beyond the bark and trees. Crit Care Med 2015; 43(12):2676-8
- Aslakson RA**, Spronk P. Tasking the tailor to cut the coat: How to optimize individualized ICU-based palliative care? Intensive Care Med 2016; 42(1):119-21
- Aslakson RA**. Beyond “rationing” and “death panels”: the potential “escape fire” of palliative care. Critical Care Medicine 2016; 44(8):1605-6.
- Aslakson RA**, Weiss M. Patient-centered outcomes research-opportunities for novel, innovative, and transformative partnerships with patients and their families. JAMA Surgery 2016;151(10):945-6.
- Aslakson RA**, Lorenz K. Being CAREFuL about the evidence to improve end-of-life care in hospitals. Lancet 2017; 390(10090):97-98.
- Aslakson RA**, Beach MC. Looking beyond the tip of a tusk: balancing the evidence in prognosis-related communication. American Journal of Respiratory and Critical Care Medicine 2017; 196(7):803-4.
- Boateng A, **Aslakson RA**. Elizabeth Kubler-Ross as astrophysicist: emotional intelligence and resilience unlock the block hole of physician burnout, moral distress, and compassion fatigue. Am J Bioeth 2019; 19(12):54-57. PMID: 31746718.

FUNDING

EXTRAMURAL FUNDING

Current Grants

IHS-1609-36518 (Aslakson)	\$2,100,000	4/1/18-3/31/22
Patient-Centered Outcomes Research Institute		
A Multicenter, Randomized Controlled Trial of Perioperative Palliative Care Surrounding Cancer Surgery for Patients and their Family Members (the PERIOP-PC trial)		
The overall project goal is to complete a multi-center, randomized controlled trial of perioperative palliative care for patients and families preparing for major upper gastro-intestinal oncologic surgeries.		

Enhancement to IHS-1609-36518 (Aslakson)	\$500,000	7/15/20-7/14/21
Patient-Centered Outcomes Research Institute		
Cancer Treatment Shared Decision-Making and Coping During the COVID Pandemic (the CAN-DECIDE study and tool).		
The overall project goal is to quantify and qualify how a geographically diverse group of cancer patients and their family members are coping with, and receiving, cancer treatments during the COVID pandemic and to partner with the National Coalition for Cancer Survivorship to develop and disseminate a shared-decision making tool for cancer treatment-related decisions during the COVID pandemic.		

Completed Grants

TIA (Aslakson)		
National Palliative Care Research Center	\$80,000	
7/1/17-5/31/19		
“What palliative care can be ‘baked in’ to a preoperative assessment?” – operationalizing primary palliative care in surgical settings		
The overall project goal was to complete a mixed methods study among perioperative providers to clarify and prioritize what elements of primary palliative care could be integrated into standard surgical practices.		

4362 (Aslakson)	\$2,150,000	7/1/13-11/1/17
Patient-Centered Outcomes Research Institute		

Utilizing advance care planning videos to empower perioperative cancer patients and families

The overall goal of this project was to develop and evaluate a video-based advance care planning decision aid for patient and families preparing for high-risk surgeries.

PCORI (Aslakson & Pitts) \$250,000 4/1/16-3/31/18
Engagement Award

UNITED in Faith, Health, and Strength - Facilitating Strategic Partnerships for Patient-Centered Outcomes Research in Advanced Illness Care among African American Faith Organizations

In collaboration with the Coalition to Transform Advanced Care, the overall goal of this project was to conduct one national workshop, two regional workshops, and one national summit to develop and train a nationally representative group of African American churches within which to complete patient-centered outcomes research and collaborative projects to improve advance care planning and palliative care among parishioners

Technical Brief (Aslakson & Dy) \$200,000 1/20/16-8/22/16
AHRQ

Assessment Tools for Palliative Care

The overall goal of this project was to summarize the various assessment tools for palliative care that can be used for clinical trials, clinical care, and quality measurement.

K08 (Aslakson) 7/01/13-06/30/16
AHRQ

EquiP: developing a patient-centered outcome for ICU-based palliative care

The overall goal of this project was to develop a metric to evaluate patient and family-centered quality care and palliative care within the ICU. Project currently deferred while RA working on PCORI. Grant awarded but declined in favor of PCORI award.

Role: PI Mentor: Peter Pronovost

3186.01 (Pronovost) 10/1/13-12/31/15
Gordon and Betty Moore Foundation

ICU/Acute Care Multi-site Demonstration Project

The overall goal of this project was to achieve significant improvements in processes and outcomes of quality, safety, and cost with engagement of patients and families in ICU settings through a novel systems approach.

JFCDA (Aslakson) 2/1/12-1/31/14
National Palliative Care Research Center

Crafting a Palliative Care Intervention for Surgical Intensive Care Unit Patients

The goal of this award was to support the travel fees for Dr. Aslakson to/from/at the annual Kathleen Foley Palliative Care Research and Retreat Seminar

MRTG (Aslakson) \$175,000 7/1/11-6/30/13
FAER

Crafting a Palliative Care Intervention for Surgical Intensive Care Unit Patients

The overall goal of this project was to qualitatively explore the palliative care-related experiences of long-stay surgical ICU patients, their families, and their clinician teams of nurse, intensivist, and surgeon. Mentor: Peter Pronovost

AHRQ (Dy & Bass) 9/1/10-6/01/12
Closing the Quality Gap – End-of-life care

The goal of this contract was to complete a large systematic review of the efficacy of quality improvement interventions in populations of dying and seriously ill patients.

CSA (Agrawal) 7/1/12-6/30/15
American Otologic Society

Influence of vestibular dysfunction on fall risk in older individuals.

The overall goal of this project was to develop and test efficacy of an intervention to decrease falls amongst high risk older adults. I advised on qualitative methods and techniques for taking a patient-centered approach.

INTRAMURAL FUNDING

Current Grants

Department of Anesthesia FIDL award (Aslakson & Staudenmayer) \$100,000 7/1/19-6/30/20
Stanford University

ICU-based palliative Care for older Adults with Traumatic Head injuries (ICU-CATcH).

The overall goal of this project is to complete a pilot feasibility intervention of a three-part, evidence-based mixed palliative care intervention for older adults admitted to the ICU with traumatic head injuries.

Completed Grants

Discovery Award (Aslakson & Bowie) \$100,000 7/1/16-10/31/17
JHU

UNITED in Faith, Health, and Strength: pioneering faith-centered, community-based advance care planning within African American churches

The overall goal of this project was to complete foundational qualitative work interviewing church leaders and parishioners within African American churches concerning their attitudes, beliefs, and practices surrounding advanced illness and advance care planning.

JHU-SOM (Aslakson) \$80,000 7/1/13-6/30/15

Clinician Scientist Award

This was a within-Hopkins award to further support my salary and to enable me to devote more of my time towards research-related projects.

NIH T32 (Gottschalk) 9/1/08–8/31/10
Granted to Department of Anesthesiology and Critical Care Medicine, The Johns Hopkins Hospital, Baltimore, Maryland

CLINICAL ACTIVITIES

Certifications

Medical Licensures

Medical Licensure, State of Maryland, D0066697

Boards

Anesthesiology, Board Certified through 12/31/2028

Critical Care Medicine, Board Certified through 12/31/2028

Hospice and Palliative Medicine, Board Certified through 12/31/2020

Clinical (Service) Responsibilities at Stanford Medical Center

Adult Intensive Care Units

I attend in the adult surgical/medical Intensive Care Unit at Stanford Medical Center. As such, I lead a 5-16 member team composed of critical care fellows; anesthesia, emergency medicine, and medicine residents and interns; medical students; and pharmacists. Besides providing critical care services to severely ill patients and their families, I also provide daily bedside, rounds-based, and formal didactic training to my team.

Adult Inpatient Palliative Care Consultant Service.

I attend on the inpatient palliative care service at Stanford Medical Center. As such, I work within a 4-8 member team composed of palliative care fellows, nurse practitioners, nurses, and social workers. Besides providing palliative care services to seriously ill patients and their families, I also provide daily bedside, rounds-based, and formal didactic training to my team.

EDUCATIONAL ACTIVITIES

Teaching

Classroom Instruction

- 1/10 Instructor, *Acid-base management*, Johns Hopkins University- School of Medicine, anesthesia residents
- 4/10 Instructor, *Discussing code status*, Johns Hopkins University- School of Medicine fourth year medical students
- 8/10 Instructor, *Structure of Study Design*, Johns Hopkins University- School of Medicine, surgical critical care fellows
- 8/10 Instructor, *Ethics in the ICU*, Johns Hopkins University-School of Medicine, surgical critical care fellows
- 9/10 Instructor, *Designing a research study*, Johns Hopkins Hospital-clinical pastoral education residents
- 9/10 Instructor, *Evidence-based ICU family meetings*, Johns Hopkins School of Medicine-surgical critical care fellows
- 10/10 Instructor, *Completing a systematic review-part I*, Johns Hopkins Hospital-clinical pastoral education residents
- 10/10 Instructor, *Running an ICU family meeting*, Johns Hopkins School of Medicine-surgical critical care fellows
- 11/10 Instructor, *Completing a systematic review-part II*, Johns Hopkins Hospital-clinical pastoral education residents
- 12/10 Instructor, *Withdrawal of life support*, Johns Hopkins School of Medicine-surgical critical care fellows
- 1/11 Instructor, *Medicare hospice benefit*, Johns Hopkins School of Medicine-surgical critical care fellows
- 1/11 Instructor, *Completing a systematic review-part III*, Johns Hopkins Hospital-clinical pastoral education residents
- 1/11 Instructor, *Palliative care and the ICU*, Johns Hopkins School of Medicine-surgical critical care fellows
- 3/11 Instructor, *Completing a systematic review-part IV*, Johns Hopkins Hospital-clinical pastoral education residents
- 4/11 Instructor, *Code status discussions*, Johns Hopkins School of Medicine-surgical critical care fellows
- 7/11 Instructor, *Ventilator management 101*, Johns Hopkins School of Medicine-anesthesia residents
- 8/11 Instructor, *Structure of Study Design*, Johns Hopkins School of Medicine-surgical critical care fellows
- 9/11 Instructor, *Designing a research study*, Johns Hopkins Hospital-clinical pastoral education residents
- 5/12 Instructor, *End of Life care*, Johns Hopkins School of Medicine-surgery interns
- 8/12 Instructor, *Structure of Study Design*, Johns Hopkins School of Medicine-surgical critical care fellows
- 3/13 Instructor, *IntensiveTalk-Communication in the ICU*, Johns Hopkins University-School of Medicine, Neonatal ICU fellows
- 3/13 Instructor, *IntensiveTalk-Communication in the ICU*, Johns Hopkins University-School of Medicine, Surgical ICU fellows
- 6/13 Instructor, *Ethics*, Johns Hopkins University- School of Medicine, anesthesia residents
- 8/13 Instructor, *Structure of Study Design*, Johns Hopkins University- School of Medicine, surgical critical care fellows
- 8/13 Instructor, *Evidence-based Communication*, Johns Hopkins University- School of Medicine, surgical critical care fellows
- 2/14 Instructor, *Palliative care*, Johns Hopkins School of Medicine-surgery interns
- 2/14 Instructor, *End of Life care*, Johns Hopkins School of Medicine-surgery interns
- 5/14 Instructor, *Palliative care*, Johns Hopkins School of Medicine-gynecology-oncology fellows
- 6/14 Instructor, *End of life and ethical issues*, Johns Hopkins School of Medicine-anesthesiology CA-1 residents
- 8/14 Instructor, *Structure of Study Design*, Johns Hopkins University- School of Medicine, surgical critical care fellows
- 3/15 Instructor, *Palliative care*, Johns Hopkins School of Medicine-surgery interns
- 3/15 Instructor, *End of Life care*, Johns Hopkins School of Medicine-surgery interns
- 8/15 Instructor, *Structure of Study Design*, Johns Hopkins University- School of Medicine, surgical critical care fellows
- 3/16 Instructor, *End of Life care*, Johns Hopkins School of Medicine-surgery interns
- 8/16 Instructor, *Structure of Study Design*, Johns Hopkins University- School of Medicine, surgical critical care fellows

- 10/16 Instructor, *Evidence-based Communication*, Johns Hopkins University- School of Medicine, surgical critical care fellows
- 1/17 Instructor, *ICU-Based Palliative Care*, Johns Hopkins University-School of Medicine, surgical critical care fellows, surgery residents, anesthesia residents, and obstetrics-gynecology interns.
- 1/17 Instructor, *ICU-Based Palliative Care*, Johns Hopkins University – School of Medicine, palliative care fellows
- 8/11-9/17 Simulation Director, Instructor, and Founder, *Patient- and family-centered palliative medicine-related communication and conflict resolution in the ICU*, The Johns Hopkins School of Medicine third and fourth year medical students and The Johns Hopkins School of Nursing final year nursing students. Founder of the course and co-wrote all simulations used by the course. This is a monthly, one-afternoon simulation-based activity combining nursing and medical students. As part of the ICU course, it is required for all medical students prior to graduation and fulfills a graduation requirement for nursing students. **The course utilizing this educational experience was awarded the 2013 Best New Educational Program award by the Institute for Educational Excellence.**
- 8/18 Instructor, *Palliative Care*, Stanford School of Medicine, pain fellows.
- 9/18 Instructor, *Perioperative Palliative Care*, Stanford School of Medicine, palliative care fellows
- 11/18 Instructor, *Communication Skills and Templated Approaches to Goals of Care Conversations*, Stanford School of Medicine, medical students, surgery rotation.
- 2/19 Instructor, *Communication Skills and Templated Approaches to Goals of Care Conversations*, Stanford School of Medicine, medical students, surgery rotation.
- 1/20 Instructor, *Palliative Care in the Critical Care Unit*, Stanford University Medical Center, ICU nurses, advanced nursing training
- 3/20 Instructor, *Critical Care Clerkship Debrief Death Session*, Stanford University School of Medicine, medical students, critical care rotation.

Clinical Instruction

- 2004-2007 Resident, *Clinical skills educator*, Harvard Medical School students
- 2006-2007 Resident, *First call resident*, Massachusetts General Hospital, junior anesthesia residents and Harvard Medical School students
- 2007-2008 Fellow, *Clinical instruction in adult surgical intensive care unit*, Johns Hopkins University School of Medicine surgery, anesthesia, and obstetrics-gynecology residents, and interns
- 2009 - 2017 Attending physician, *Clinical instruction in adult surgical intensive care unit, adult operating rooms, and adult palliative care consultation service*, Johns Hopkins University School of Medicine surgery, anesthesia, palliative care, obstetrics-gynecology, and emergency medicine residents and fellows. Besides bedside and rounds-based instruction, I conduct daily formal didactics on topics including “Evidence-based family meetings”, “What is palliative care and how can it be practiced in the ICU?”, “Perioperative fluid management”, “Practical acid-base for the ICU”, “Making sense of sensitivity and specificity”, “Practical antibiotics for the ICU”, “Perioperative management of the patient with myasthenia gravis”, “ICU delirium”, “Management of nausea in palliative care patients”, “Key ethical legal cases related to palliative care”, and “Ventilator management”.
- 2018 – present Attending physician, *Clinical instruction in adult intensive care unit*, leading and teaching Stanford Medical Center critical care fellows and anesthesia and medicine residents and interns. Besides bedside and rounds-based instruction, I conduct regular formal didactics on topics including “Evidence-based family meetings”, “What is palliative care and how can it be practiced in the ICU?”, “Perioperative fluid management”, “Practical acid-base for the ICU”, “Making sense of sensitivity and specificity”, “Practical antibiotics for the ICU”, “Perioperative management of the patient with myasthenia gravis”, “ICU delirium”, “Management of nausea in palliative care patients”, “Key ethical legal cases related to palliative care”, and “Ventilator management”.
- 2019 – present Attending physician, *Clinical instruction in adult inpatient palliative care*, leading and teaching Stanford Medical Center palliative care fellows and residents and medical students rotating through the inpatient palliative care service. Besides bedside and rounds-based instruction, I conduct regular formal didactics on topics including “Conceptualization and management of nausea”, “Evidence-based family meetings”, “Perioperative palliative care”, and “ICU-based palliative care”.

CME/CE Instruction

- 1/2013 *Pain management*, End-of-Life Nursing Education Consortium (ELNEC)-Geriatrics curriculum- Johns Hopkins University School of Nursing. Sponsored over the last decade by organizations such as the Robert Wood Johnson Foundation, The National Cancer Institute, Aetna, Archstone, Oncology Nursing, and the Department of Veteran Affairs, ELNEC is a “train the trainers” national and international education initiative to provide palliative care education to undergraduate and graduate nursing faculty, continuing education providers, staff development educators, and specialty nurses. I was one of only four physicians invited to teach for the multi-day course. The students were nurse educators and leaders from throughout the Eastern Coastal United States.
- 1/2015 *Palliative and end-of-life care in the ICU*. Teaching for the “Intensive Critical Care Review” Course, The Society of Critical Care Medicine, Phoenix, AZ
- 2/2019 *Palliative and end-of-life care in the ICU*. Teaching for the “Intensive Critical Care Review” Course, The Society of Critical Care Medicine, San Diego, CA

Workshops / Seminars None

Mentoring

Deeply believing in the importance of promoting equity and diversity in academic medicine, I am proud that 26 of 27 of my current and past mentees are women and/or from under-represented minorities in academic medicine.

	Mentee’s Name	Years	Collaborative Work	Current Position
1	Adjoa Boateng, MD, MPH	2019- Present	Mentoring Dr. Boateng in a Systematic Review exploring Racial and Ethnic Disparities in Critical Care Outcomes	Assistant Professor, Stanford University School of Medicine, Stanford, CA
2	Meghan Marmor, MD	2018- Present	(1) Mentored Dr. Marmor on a Systematic Review of Palliative Care needs among Adults with Cystic Fibrosis; Abstract presented 2019 American Thoracic Society Meeting; Paper published in Journal of Pain and Symptom Management; PMID: 31437475 (2) Mentoring Dr. Marmor on a Systematic Review of Social Disparities in Outpatient Asthma Care.	Assistant Professor, Stanford University School of Medicine. Stanford, CA
3	Jonathan Ludmir, MD	2018-2019	Mentored Dr. Ludmir on a systematic review of Palliative Care Needs Among Adults with Congenital Heart Disease; Paper published in Journal of Pain and Symptom Management; PMID: 31404639	Instructor in Medicine, Massachusetts General Hospital, Harvard University School of Medicine, Boston, MA
4	Nidhi Khosla, PhD, MPH	2015-2019	Mentored Dr. Khosla in research on Palliative Care Disparities among South Asian Patients and their Families; Named a 2016 American Academy Hospice and Palliative Medicine Research Fellow; Published two papers- PMID: 30808268 , 28253067	Assistant Professor, California State University, Oakland, CA
5	Norah Crossnohere, PhD, MPH	2015-2017	Mentored Dr. Crossnohere in her Patient Centered Outcome Research; Co-published on 6 papers; PMID: 30964385 , 29587711 , 29555812 , 29445267 , 28817359 , 28592584	Postdoctoral Studies Program, Ohio State University, Columbus, Ohio
6	Erqi Pollom, MD, MPH	2018- Present	Mentored Dr. Pollom in her research on integrating Palliative Care into Radiation Oncology settings; Co-published on two papers PMID: 30620629 , 30201484	Assistant Professor, Stanford University School of Medicine, Stanford, CA
7	Sarina Isenberg, PhD, MA	2015-2017	Canadian Institutes of Health Research (CIHR), Project Scheme; CIHR Operating Grant for Secondary Data Analysis; University of Toronto Cass Family Grant for Catalyzing Access and Change.	Scientist, Temmy Latner Centre for Palliative Care, Sinai Health System, Toronto, Canada
8	Allyson Cook, MD	2018-2019	Mentored her on multiple projects on integrating palliative care into surgery and ICU settings; presented	Assistant Professor, University of California

			her research at the 2019 American Academy of Hospice and Palliative Medicine Annual Meeting; Co-published on a book chapter with Dr. Cook as first author	San Francisco, San Francisco, CA
9	Andrea Jonas MD, MPH	2018- Present	Mentoring Dr. Jonas in her research integrating palliative care into critical care units; presented her research at the 2019 American Thoracic Society Meeting; Manuscript in preparation for publication.	Assistant Professor, Stanford University School of Medicine, Stanford, CA
10	Susan Emmett, MD MPH	2016 - Present	Mentored Dr. Emmett on patient-centered outcomes research methodologies, including supporting her to receive a \$2.15 million award addressing childhood hearing loss disparities in Alaskan native populations.	Assistant Professor of Surgery, Duke University Medical Center and Duke Global Health Institute
11	Giulia Sikorski, MD	2015-2017	Mentored Dr. Sikorski in a Systematic Review on Advanced Care Planning on Tools for Advances in Perioperative Settings; Presented Research at the 2017 Annual International Anesthesia Research Society Meeting.	Instructor at the John Hopkins Bayview Medical Center; Baltimore, MD
12	Josephine Kweku, MD	2015-2017	Mentored Dr. Kweku in her research related to Spirituality of ICU patients and their family members; Research published in Journal of Pain and Symptom Management; PMID: 28042059 and presented at the 2016 International Anesthesia Research Society Meeting	Private Practice Anesthesiologist at Anne Arundel Medical Center, Annapolis, Maryland
13	Kyounghae Kim, PhD, RN, NP-C	2015-2017	Mentored Dr. Kim on her research on how ICU patients and how their families cope with long ICU stays; <u>Co-published in the Journal of Hospice and Palliative Nursing 2017</u>	Assistant Professor, University of Connecticut School of Nursing, Storrs, Connecticut
14	Danetta Henricks Sloan, PhD, MSW, MA	2015-2017	Mentored Dr. Sloan in her research integrating Advance Care Planning and Palliative Care in African American churches; Sponsored Dr. Sloan to be named a 2016 American Academy of Hospice and Palliative Medicine Research Scholar; Published our research in the Journal of Palliative Medicine; PMID: 26840855	Assistant Scientist, Johns Hopkins Bloomberg School of Public Health, Baltimore, MD
15	Fabian Johnston, MD MHS	2013-present	Mentored Dr. Johnston on research he completed during fellowship concerning a systematic review of perioperative decision aids; Am a mentor on his current K award research evaluating whether community workers can improve surgical oncologic care and palliative care among African American populations. I also actively collaborate with Dr. Johnston on my PCORI-funded PERIOP-PC trial, for which Dr. Johnston is the site PI for the Johns Hopkins Hospital. Co-publications: PMIDs 31486730, 26346494	Associate Professor of Surgery, Director of the Peritoneal Surface Malignancy Program, the Johns Hopkins School of Medicine, Baltimore, MD
16	Margaret Hayes, MD	2013-2015	Mentored Dr. Hayes on her research concerning end of life communication training for medical students. She presented an Abstract of the work at the 2015 American Thoracic Society Annual Meeting	Assistant Professor, Harvard Medical School, Director of Medical Intensive Care Unit, Beth Israel Deaconess Medical Center, Boston, MA
17	Jessica Reardon, DO	2013-2015	Mentored Dr. Reardon on research concerning advanced care planning decision aids for perioperative patients; PMID: 26346494. Dr. Reardon also presented her research as the at 2014 American Academy of Hospice and Palliative Medicine Annual Meeting	Assistant Professor, Lewis Katz School of Medicine, Temple University, Philadelphia, PA
18	Jessica Peters, DNP, MS, RN, ACNP-BC	2012-2017	Mentored Dr. Peters as her dissertation mentor for her DNP research regarding preventing ICU readmissions and studying family responses to critical illness; Presented research at the society of Critical Care Medicine Annual Meeting 2017; <u>Co-published in 2018 Journal for Nurse Practitioners.</u>	Acute Care Nurse Practitioner, John Hopkins; Adjunct Faculty, John Hopkins School of Nursing, Baltimore, MD
19	Lauren Ellis, PhD, MA	2012-2015	Mentored Dr. Ellis in her research on how families cope with long ICU stays; Research published in the American Journal of Critical Care 2016; PMID: 26724292	Researcher, Mathematica Policy Research, Washington D.C.

20	Wutyi Aung-Fleming, MPH CPH	2012-2016	Mentored Ms Aung-Fleming in her graduate school research concerning critical care nurse beliefs about palliative and end-of-life care.	Senior Research Data Manager, The Johns Hopkins Bloomberg School of Public Health, Bill and Melinda Gates Institute for Population and Reproductive Health
21	Rita Moldovan, RN DNP ACHPN	2012-2014	Mentored Dr. Moldovan in her research concerning critical care nurse perceptions of palliative care. She presented this work at the 2013 American Academy of Hospice and Palliative Medicine meeting.	Retired; formerly a nurse educator in palliative care in the medical ICU at The Johns Hopkins Hospital
22	M. Jennifer Chang MD	2012-2014	Mentored Dr. Chang in her research concerning a systematic review of spiritual needs of perioperative patients and a systematic review of palliative care in ICUs; PMID: 24517300	Associate Program Director, HPM Fellowship, National Institute of Health, Bethesda, Maryland
23	Kerry Shannon, MD MPH DrPH	2012-2013	When Dr. Shannon was a medical student, I mentored her in her research concerning surgeon, ICU intensivist, and ICU nurse perceptions of “palliative medicine”. She presented this work at the 2012 American Society of Anesthesiologists national meeting.	Resident in Emergency Medicine at The Johns Hopkins School of Medicine
24	Yuri Agrawal, MD	2011-2013	Mentored Dr. Agrawal on patient centered outcomes research methodologies; Co-published; PMID: 25305629	Associate Professor of Otolaryngology - Head and Neck Surgery, Johns Hopkins Medicine, Baltimore, MD
25	Joann Hunsberger, MD, MS	2010-2015	Mentored Dr. Hunsberger in her research concerning an initial systematic review and later qualitative study of the spiritual needs of perioperative cancer patients. Dr. Hunsberger presented her research at the 2013 International Anesthesia Research Society meeting and is was published in Palliative Medicine and Hospice Care 2013 .	Assistant Professor, The Johns Hopkins School of Medicine, Department of Anesthesiology, Baltimore, MD
26	Jeffrey Duong, PhD	2011-2013	Mentored Dr. Duong in his project concerning palliative care experiences of patients and family members in surgical ICUs; Dr. Duong presented this work at the 2013 Society of Critical Care Congress.	Research Data Analyst, UC Davis Health, David, CA
27	Imani Thornton, MD	2009-2010	Mentored Dr. Thornton in a qualitative study of nurse-reported barriers to optimal end of life care in the ICU; we co-published the work - PMID: 22676315	Private Practice Critical Care Anesthesiologist, Pontiac, Michigan

Thesis Committees

2014 Chadd K Kraus, candidate for DrPH. Role: Thesis committee member.

2016-17 Sarina Isenberg, candidate for DrPH. Role: Thesis committee member and Research mentor

Training Grant Participation None

Educational Program Building/Leadership

2010-2013 Course Director, *Surgical Critical Care Fellow's Longitudinal Course in Psychosocial and Ethical Aspects of ICU Care and End-of-Life Care*, Department of Anesthesiology and Critical Care Medicine, The Johns Hopkins University School of Medicine

2010-2017 Course Co-Director, *Surgical Critical Care Fellow's Course in Evidence-Based Medicine*, Department of Anesthesiology and Critical Care Medicine, The Johns Hopkins University School of Medicine

2011-2017 Course Director, Instructor, and Founder, *Patient- and family-centered palliative medicine-related communication and conflict resolution in the ICU*, The Johns Hopkins School of Medicine, third and fourth year medical students, The Johns Hopkins School of Nursing final year nursing students, and Clinical Pastoral Education Residents from the Johns Hopkins Hospital.

2012-2013 Course Co-Director, *IntensiveTalk*, The Johns Hopkins School of Medicine adult surgical critical care, pediatric critical care, and neonatal critical care fellows. One of two physicians selected to

represent Johns Hopkins and only one of 12 physicians nationally selected to be in the inaugural IntensiveTalk training cohort, I am being trained by world-renowned palliative medicine and critical care educators in the IntensiveTalk curriculum. Consequently, my Johns Hopkins co-Director and I are developing simulation experiences for adult and pediatric critical care fellows throughout The Johns Hopkins hospital with the goal better preparing critical care fellows to utilize effective and sensitive communication skills when interacting with critically ill patients, families, and colleagues.

RESEARCH ACTIVITIES

Research Focus – My research goal is to improve delivery of effective and equitable palliative medicine, particularly in perioperative and/or critically ill populations.

Research Program Building/Leadership

2009-present Triple boarded in critical care, anesthesia, and palliative medicine with a PhD in clinical research methods from the Johns Hopkins Bloomberg School of Public Health and advanced graduate training in qualitative methods, I am an academic clinician researcher devoted to an academic career improving the delivery of advance care planning and palliative care. For the last seven years, I have led a clinical research team that has been supported by funding from AHRQ, the Foundation for Anesthesia Education and Research, the National Palliative Care Research Center, the Gordon and Betty Moore Foundation, and the Patient Centered Outcomes Research Institute. I have been a PI or co-investigator on multiple studies to forward these goals and have received national and international awards for my research work including being named an American Academy of Hospice and Palliative Medicine “40 under 40” inspirational leader in palliative care, the 2014 American Society of Anesthesiologists Presidential Scholar Award – given to the top early career anesthesia clinician researcher in the country; the 2015 American Academy of Hospice and Palliative Medicine Early Investigator Award – given to the top early career palliative care researcher in the country; and the 2019 Grenvik Family Award for Ethics, which is an international award presented by the Society of Critical Care Medicine to one recipient a year whose work promotes “humanistic and ethical values in critical care”.

SYSTEM INNOVATION AND QUALITY IMPROVEMENT ACTIVITIES

System Innovation and Quality Improvement Publications None

System Innovation and Quality Improvement efforts within Johns Hopkins Medicine:

2007-2011 “The Family-centered Care Coordination Project” – Weinberg
Surgical Intensive Care Unit, The Johns Hopkins Hospital. Project founder and leader. The project piloted a system where interdisciplinary family meetings were coordinated and conducted to enable better clinician-family and clinician-clinician communication for the most complicated and the sickest patients in the ICU.

System Innovation and Quality Improvement efforts outside of Johns Hopkins Medicine:

2012-2014 Selected representative to the American Medical Association-Physician Consortium for Performance Improvement – Anesthesiology and Critical Care Workgroup. **I was nominated by and selected to representative the American Academy of Hospice and Palliative Medicine (a 6,000 physician professional society) on this AMA committee.**

11/2013-2/2017 Organized and led the Patient-Centered Outcomes Research Institute Cancer Surgery Stakeholder Summits. **These are annual one-day meetings of stakeholders, including surgeons, patient and family advocates, palliative care clinicians, and health services and quality researchers, where we engage stakeholders regarding our on-going PCORI-funded research related to advance care planning and palliative care in surgical populations.**

6/2016-9/2017 Co-led the Faith-Community Person-Centered Care Workshops which are hosted by the Coalition to Transform Advanced illness Care and have been convened at New Shiloh Baptist Church in Baltimore, MD; Friendship West Baptist Church in Detroit, MI; and the Pennsylvania Avenue Baptist Church in Washington, DC. **These two-day workshops bring together a diverse national group of church, academic, and community leaders to develop and advocate for a**

innovative partnerships between African American churches and medical providers and communities to improve care for parishioners with advanced illness.

Production of Guidelines and/or Protocols

2013-2017 Member, Expert team to revise the Society of Critical Care Medicine guidelines on family-centered care in the ICU; 24 member international team. Role: Sub-team leader. Second author on culminating guidelines manuscript.

System Innovation and Quality Improvement Program Building/Leadership None

Extramural Funding None

ORGANIZATIONAL ACTIVITIES

Institutional Administrative Appointments:

11/2009-9/2017 Faculty co-chair & Resident Liaison, Resident Research Committee, Department of Anesthesiology and Critical Care Medicine, Johns Hopkins School of Medicine. One of three members of the committee, we review and consult on all research completed by anesthesia residents and make recommendations to the department concerning granting residents non-clinical time to complete research.

Study Section Membership

2013, 2016 National Palliative Care Research Center, Invited ad hoc study section member. Make decisions concerning awarding of pilot grant and junior faculty career development grants.
2017 The Palliative Care Research Cooperative – Invited ad hoc study section member. Make decisions concerning awarding of pilot grants.
2017-present American Academy of Hospice and Palliative Medicine. Make decisions concerning awarding of Research Scholar positions to junior faculty candidates.
2013-present Patient-Centered Outcomes Research Institute – Scientific advisor and study section member for grants submitted via the “Communications & Dissemination” funding mechanism as well as for other targeted funding mechanisms.
2016-present Society of Critical Care Medicine, standing reviewer for Thrive and Weil Research Grants.
2018-present Department of Veterans Affairs, Health Services and Research Development, permanent study section member.

Editorial Activities

Editorial Board Appointments

2018 – present *Critical Care Medicine*
2018 – present *Journal of Pain and Symptom Management*

Journal Reviewer

Ad hoc reviewer, *Intensive Care Medicine*
Ad hoc reviewer, *Journal of Palliative Medicine*
Ad hoc reviewer, *Journal of General Internal Medicine*
Ad hoc reviewer, *Anesthesiology*
Ad hoc reviewer, *Anesthesia and Analgesia*
Ad hoc reviewer, *Critical Care Medicine*
Ad hoc reviewer, *Journal of Pain and Symptom Management*
Ad hoc reviewer, *JAMA Surgery*
Ad hoc reviewer, *American Journal of Hospice & Palliative Medicine*
Ad hoc reviewer, *Critical Care*
Ad hoc reviewer, *Palliative Medicine*.
Ad hoc reviewer, *LANCET*
Ad hoc reviewer, *JAMA Internal Medicine*

Ad hoc reviewer, *American Journal of Respiratory and Critical Care Medicine*
 Ad hoc reviewer, *Journal of Medical Ethics*
 Ad hoc reviewer, *Western Journal of Nursing*
 Ad hoc reviewer, *Intensive Care Medicine*
 Ad hoc reviewer, *Journal of Critical Care*
 Ad hoc reviewer, *Health Policy*
 Ad hoc reviewer, *Archives of Surgery*
 Ad hoc reviewer, *The Patient*

Advisory Committees, Review Groups

2009-2017 Faculty Advisory Committee; Office of Women in Science and Medicine, Johns Hopkins School of Medicine
 2011-2017 Faculty Member, Professional Advisory Group for the Clinical Pastoral Education Residency. Chair of Research sub-committee. I directed and advocated for research concerning pastoral care, spirituality and chaplaincy. I also work to teach research skills to clinical pastoral education residents, interns, and staff chaplains. I am deeply dedicated to promoting spirituality and chaplaincy-related research at Johns Hopkins, specifically within the pastoral care department.
 2011-2017 Staff Member, Patient Family Advisory Council; The Johns Hopkins Hospital
 2017-2019 National Advisory Board, Health Disparities and Delivery Research, the Patient-Centered Outcomes Research Institute (PCORI), Washington DC.

Internal Grant Review Boards

2012 Physician-researcher reviewer; The Johns Hopkins Sarcoma Program Pilot Grant. I was one of four members of the review board for these \$40,000 yearly grants.
 2016 Grant review; The Johns Hopkins Department of Anesthesia and Critical Care Medicine StAAR grants. These are \$40,000 yearly grants.

Professional Societies

2004- Member, American Society of Anesthesiologists
 Palliative Medicine Subcommittee
 2013-present Member - I was one of the founders and an inaugural member of this committee.
 2015-2017 Vice Chair
 2018-present Chair
 Excellence in Scientific Research Committee
 2014-2017 Member
 2006- Member, Society of Critical Care Medicine
 Research Committee
 2016-present Member
 International Expert Committee on Family Centered Care in the ICU
 2013-2017 Member and sub-lead for project
 Scientific Review Committee
 2016-present Member
 2010- Member, American Academy of Hospice & Palliative Medicine
 Research Committee
 2013-2018 Member
 2018-present Chair
 Nominating Committee
 2016-2018 Nationally Elected Member
 Intensive Care Unit Special Interest Group (SIG)
 2013-present Member
 2013-2015 Founder, Chair, and Immediate Past Chair
 Scientific Review Committee for Annual Assembly
 2014-present Member
 2010- Member, International Anesthesia Research Society
 2011- Member, Society of Critical Care Anesthesiologists

Board of Directors

2020- Member, Foundation for Anesthesia Education and Research

Conference Organizer/Session Chair None

Consultants None

RECOGNITION

Awards, Honors

- 1994 Arthur Holly Compton Scholarship, four-year, full tuition with stipend, merit scholarship, Washington University in St. Louis. Only two scholarships (amongst approx. 3,000 students) were awarded yearly.
- 1994 National Science Scholarship, four –year merit scholarship awarded by the United States Department of Education
- 1994 Robert C. Byrd Honors Scholarship, four-year merit scholarship awarded by the United States Department of Education
- 1997 Barry Goldwater Scholarship. Awarded for research concerning latency-period intra-patient evolution of HIV. Awarded by the Barry Goldwater Scholarship Foundation
- 1999 George Mitchell Scholarship. One-year, full-tuition merit scholarship award by the US-Ireland Alliance. The only medicine-related scholar, I was one of only twelve inaugural recipients of this highly prestigious scholarship. As part of the scholarship, I obtained by Masters at the University of Ulster in Coleraine Northern Ireland and met with Northern Ireland, Republic of Ireland, and United States political leaders – including President Bill Clinton, Taoisech (President) of the Republic of Ireland Bertie Ahern, and First Minister (Highest Political Office) of the Northern Ireland Stormont government David Trimble.
- 2000 International Achievement Summit. One of 125 international American Academy of Achievement graduate students selected. The conference was to foster world-wide leadership amongst the top graduate students in the world. As such, I had small and large group meeting with numerous Nobel prize winners (Frederick Sanger – the only person to receive two Nobel prizes, etc), business leaders (i.e. – founders and CEO’s of Google and eBay, etc), political leaders (i.e. – Benazir Butto, Mikael Gorbachev, Lech Walesa, etc), artists (i.e. – Jeremy Irons, Quincy Jones, Kathleen Battle, etc.), and authors (Salman Rushdie, etc.).
- 2004 Hospitalist Award, Best medical intern. Department of Medicine; Newton Wellesley Hospital; Newton, MA
- 2004 Department of Surgery Award, Best surgical intern. Department of Surgery; Newton Wellesley Hospital, MA.
- 2007 Medical Student Teaching Award, Finalist. Harvard Medical School; Boston, MA. I was the only anesthesia resident nominated from all four Harvard teaching hospitals.
- 2007 Excellence in Teaching in Surgical Critical Care Award. Department of Anesthesiology and Critical Care Medicine/Surgery, The Johns Hopkins Hospital; Baltimore, MD
- 2011 “Best in Baltimore – Palliative Medicine”. Baltimore Magazine. For all physicians in the Baltimore metropolitan region, I was one of only two awardees in this category.
- 2001- George Mitchell Scholar Alumni Organization, The US-Ireland Alliance. This is a series of meetings that started in 2000 and have continued since then with US, Irish, and Northern Irish leaders including President Bill Clinton, First Minister of Northern Ireland David Trimble, Taoisech of Republic of Ireland Bertie Ahern, Sens. Ted Kennedy, Chris Dodd, and Jeff Bingemen, and other leaders in the US, Northern Ireland Stormont, and Republic of Ireland Dail Eireann governments. I am one of the founding group members and one of the only physician-representatives in the organization.
- 2012 Leadership Program for Women. Office of Women in Science and Medicine, Johns Hopkins University School of Medicine; Baltimore, MD.
- 2013 Super Doctors 2013 Washington, DC-Baltimore-Northern Virginia Rising Star. Selected through peer nomination and awarded by Key Professional Media, Inc., this designation is given to 2.5% of top young physicians – practicing 10 yrs or less – in the region with results published in *The Washington Post Magazine*.
- 2013 Outstanding New Educational Program award from the Institute for Educational Excellence. This award was presented for the medical student Critical Care Clerkship that utilizes the *Patient- and family-centered palliative medicine-related communication and conflict resolution in the ICU* teaching curriculum that I developed.
- 2013 Clinician Scientist Award – The Johns Hopkins School of Medicine, Baltimore, MD.

- 2013 Society of Critical Care Medicine Family-Centered ICU Award. This international award is presented to one ICU per year. My WICU family meeting project was part of the nomination proposal for the award.
- 2013 American Academy of Hospice & Palliative Medicine Speaker award. Award providing travel funds for speaking at 2014 Society of Critical Care Medicine conference.
- 2014 The American Society of Anesthesiologists Presidential Scholar award. This prestigious award is bestowed to the top anesthesia researcher-clinician in the country who is within 10 years of finishing training. I am the first woman to be given the award in its 12 year history.
- 2015 The American Academy of Hospice and Palliative Medicine Early Career Investigator Award. This prestigious award is bestowed to the top palliative medicine researcher-clinician in the country who is in an early stage of his or her research career (i.e. – not yet received RO1 funding).
- 2015 Top “40 under 40” Inspirational National Leaders in Palliative Care, The American Academy of Hospice and Palliative Medicine
- 2016 Presidential Citation, The Society of Critical Care Medicine
- 2017 Presidential Citation, The Society of Critical Care Medicine
- 2017 Distinguished Alumna Award, The Johns Hopkins University. These prestigious awards are annually bestowed to 12 alumna of the Johns Hopkins University Schools of Medicine and Public Health.
- 2017 Resident Research Mentor Award, The Department of Anesthesia and Critical Care Medicine, The Johns Hopkins School of Medicine
- 2019 Grenvik Family Award for Ethics, The Society of Critical Care Medicine. This prestigious, international award is given once a year to recognize “excellence promoting humanistic and ethical values in critical care”.
- 2020 Stanford University Faculty Women’s Forum Outstanding Sponsor Award. This annual award recognizes outstanding sponsorship/mentorship of trainees and junior faculty and is presented to a single faculty member across all of Stanford University. I was the inaugural recipient of the award.

Invited Talks

International Talks

- 12/16/2015 *Palliative Care for Perioperative and Critically Ill Populations*. Visiting Professorship and Grand Rounds, Department of Critical Care, Sunnybrook Hospital, Toronto, Canada.
- 4/28/2018 *Compassionate and Evidence-Based Palliative and End-of-Life Care in the Intensive Care Unit*. Invited lecture. The Korean Society of Critical Care Medicine (KSCCM), 37th KSCCM Annual Congress and Asian Critical Care Conference 2018; Seoul, South Korea.
- 11/10/2019 *Decision Maker Panel* for the Canadian Critical Care Gender Equity Forum; Toronto, Canada.
- 10/8/2020 *Advance Care Planning and Palliative Care for High-Risk Perioperative Populations: A Research Journey*. Grand Rounds, Cicely Saunders Institute of Palliative Care, Policy & Rehabilitation; London, United Kingdom

National Talks outside of home institution

- 11/3/2010 *Ensuring Quality Critical Care and End-of-Life Care in 2011*, Anesthesia Grand Rounds; The West Virginia University, Robert C. Byrd Health Sciences Center, Morgantown, WV
- 1/16/2011 *Changing the culture of end-of-life care in the Surgical Intensive Care Unit*, Young Investigator Talk; Anesthesia subsection; Society of Critical Care Medicine international meeting; San Diego, CA.
- 2/17/2011 *Nurse-perceived barriers to effective communication regarding prognosis and optimal end-of-life care for surgical ICU patients: a qualitative exploration*, The American Academy of Hospice and Palliative Medicine Annual Assembly; Vancouver, B.C.
- 4/24/2012 *ICU, ER Bay and Ward: Intersecting, Trauma and Palliative Care in 2012*, Maryland Committee for Trauma annual meeting; Baltimore, MD
- 9/10/2012 *Closing the Quality Gap – Interventions To Improve Healthcare and Palliative Care For Advanced and Serious Illness*, The Agency for Healthcare Research and Quality annual meeting; Bethesda, MD
- Moderated group panelist

- 10/12/2012 *Controversies in Palliative Care – Introduction and Moderator*, The Society of Critical Care Anesthesiologists Annual Meeting; Washington, DC.
- 10/24/2012 *Exploring Surgical Intensive Care Unit Patient, Family, and Clinician Palliative Care Needs and Perceptions: A Multi-faceted Qualitative Study*, The Kathleen Foley Palliative Medicine Retreat and Research Symposium; Park City, Utah
- 1/22/2013 *Challenges for Family Meetings in Open and Semi-Open Units: the Surgical ICU Experience*, Podium presentation at the Society of Critical Care Medicine Congress annual meeting; San Juan, Puerto Rico
- 1/23/2013 *End-of-Life Care in the ICU: Can We Reduce Costs and Improve Quality?*, Podium presentation at the Society of Critical Care Medicine Congress annual meeting; San Juan, Puerto Rico
- 3/14/2013 *Palliative Care and Communication Regarding Prognosis in the Surgical Intensive Care Unit*; Podium presentation (via webcast) at the yearly meeting for the “Best Practices Committee” of the National Comprehensive Cancer Network. An alliance of 21 of the world’s leading cancer centers, NCCN is dedicated to improving the quality and effectiveness of cancer care. Particularly interested in my research work attempting to better integrate palliative and surgical critical care, the NCCN “Best Practices Committee” asked me to present my research work at their yearly national meeting.
- 3/22/2013 *What is patient- and family-centered care in the surgical critical care unit?* Anesthesia Grand Rounds; Vanderbilt University, Department of Anesthesia and Critical Care; Nashville, TN
- 10/16/2013 *Ethical issues in the perioperative period*; Podium presentation and panel discussion member at the American Society of Anesthesiology annual meeting; San Francisco, CA.
- 12/2/2013 *What is evidence-based palliative care in the ICU?* Palliative Medicine Grand Rounds; Duke University-Duke Center for Palliative Care; Durham, NC
- 1/16/2014 *What is evidence-based palliative care in the ICU?*; Podium presentation at the Society of Critical Care Medicine Congress annual meeting; San Francisco, CA.
- 2/4/2014 *Patient-centered research – involving patients, families, and other stakeholders to inform research projects and advance patient-centered health care initiatives -* Invited Podium talk at the national meeting for The Leader’s Board for Service Excellence; Naples, FL.
- 3/16/2014 *Challenges and opportunities: Improving the perioperative experience for patients receiving palliative care.* Podium presentation at The American Academy of Hospice and Palliative Medicine annual meeting; San Diego, CA.
- 4/14/2014 *Integrating palliative care in the acute care setting.* Invited keynote speaker at The Washington DC/Maryland/Virginia Regional Clinical Ethics Symposium; Washington, DC.
- 5/1/2014 *“I expected everything...but not this!” – Providing Compassionate and Effective Perioperative Palliative Care from Pre-operative Clinic through Post-operative ICU.* Department of Anesthesia, Critical Care and Pain Management Grand Rounds; Massachusetts General Hospital; Boston, MA
- 10/11-14/2014 American Society of Anesthesiologists Annual Meeting, New Orleans, LA
Four invited podium talks
- 1) *ASA Presidential Scholar Award – a Celebration of Research*
 - 2) *After the Mentored Research Training Grant: Patient-Centered Outcomes Research and PCORI*
 - 3) *Evolving Goals of the ICU: Critical Care, Palliative Care, or Patient-Centered Care*

4) *What is the Role of the Anesthesiologist Asked to Participate in a Procedure He/She Believes Will Not Benefit the Patient?*

- 1/16-21/2014 Society of Critical Care Medicine Annual Meeting, Phoenix, AZ
Two invited podium talks
1) *Role of the Critical Care Anesthesiologist in Palliative Care*
2) *Palliative and End-of-Life Care in the ICU*
- 2/11/2015 *Integrating Palliative Care, Perioperative Care, and Patient-Centered Research: Building a robust investigative career at the intersection of diverse disciplines*. Wake Forest Medical Center, Department of Anesthesia Grand Rounds, Winston-Salem, North Carolina
- 3/21/2015 *Coordinating Perioperative Care: Palliative Care and Care Transitions*. International Anesthesia Research Society Annual Meeting; Honolulu, HI
- 4/17/2015 *Extending the Role of Anesthesiologists: Re-envisioning Perioperative Management using Patient Centered Outcomes Research and Palliative Care*. Grand Rounds; Department of Anesthesia; University of New Mexico, Albuquerque, New Mexico
- 5/9/2015 *Extending the Role of Anesthesiologists: Re-envisioning Perioperative Palliative Care*. Plenary Speaker; Perioperative Care Symposium; Kaiser Permanente; San Francisco, CA
- 10/21/2015 *Palliative Care for Perioperative and Critically Ill Populations: historical context and an ongoing research project*. Plenary talk. The National Palliative Care Research Center Annual Kathleen Foley Research Retreat and Meeting; Jackson Hole, WY.
- 12/16/2015 *Palliative Care for Perioperative and Critically Ill Populations*. Visiting Professorship and Grand Rounds, Department of Critical Care, Sunnybrook Hospital, Toronto, Canada.
- 1/23/2016 *Palliative Care for Perioperative and Critically Ill Populations*. Visiting Professorship and Grand Rounds, Department of Anesthesiology, UCLA, Los Angeles, CA.
- 9/29-30/2016 *“Why is end-of-life care so hard in the surgical intensive care unit?”: a history of end-of-life care and perioperative culture and Improving delivery of palliative medicine: a journey and research portfolio*. Visiting Professorship, Named Lecture, and Grant Rounds, Department of Anesthesiology, Northwestern Hospital, Chicago, IL
- 10/15-19/2016 American Society of Anesthesiologists Annual Meeting, Chicago, IL
Three invited podium talks
1) *Palliative care considerations in the elderly patient*
2) *Palliative care and palliative surgery*
3) *ICU aftermath: Turning operative defeat into dignified death*
- 11/14/2016 *Palliative Care for Critically Ill Populations*. Visiting Professorship and Grand Rounds; Division of Palliative Care, Stanford University, Palo Alto, CA.
- 11/16/2016 *Palliative Care for Perioperative Populations*. Visiting Lecture talk to Division of Palliative Medicine, Department of Anesthesia, and Divisions of Critical Care, University of California-San Francisco, San Francisco, CA.
- 1/22-1/25/2017 Society of Critical Care Medicine Annual Meeting, Honolulu, HI
Three invited podium talks or panel discussions
1) *Pro/Con – Integrative or Consultative Palliative Care in the ICU*
2) *The Role of Palliative Care in the Management of ICU Patients*
3) *Panel Discussion for critical care fellowship directors concerning Palliative Care in the Management of ICU Patients*

4) *Family-Centered Care: Translating Research into Practice*

- 6/1/2017 *Palliative Care in the Intensive Care Unit*. Visiting Professorship and Grand Rounds; Division of Critical Care, Department of Anesthesia, University of Maryland, Baltimore, MD.
- 9/27/2017 *Palliative Care for Perioperative Populations: A Research Journey*. Visiting Professorship and Grand Rounds; Department of Anesthesiology, The Brigham and Women's Hospital, Boston, MA.
- 5/15/2018 *Palliative Care for Perioperative Populations: A Research Journey*. Visiting Professorship and Grand Rounds; Department of Anesthesiology, Wake Forest School of Medicine, Winston-Salem, NC.
- 9/18/2018 *Palliative Care for Perioperative Populations: A Research Journey*. Visiting Professorship and Grand Rounds; Department of Anesthesiology, Washington University in St. Louis, St. Louis, MO.
- 10/19-23/2018 American Society of Anesthesiology Annual Meeting, San Francisco, CA
Three invited podium talks or panel discussions
- 1) *Preoperative palliative care discussions for the high-risk surgical patient*
 - 2) *Palliative care*
 - 3) *"I'm Not Sure He Means What He's Saying": Decisional Capacity and Risk*
- 2/15-20/2019 Society of Critical Care Medicine Congress, San Diego, CA.
Two invited podium talks and received one society award
- 1) *Palliative and End-of-Life Care in the ICU*
 - 2) *Conversing with the Experts: Panel Discussion*
 - 3) Received the 2019 Grenvik Family Award for Ethics
- 3/13-16/2019 American Academy of Hospice and Palliative Medicine Annual Meeting, Orlando, FL.
Two invited podium talks
- 1) *Patient-Centered Outcomes Research Institute Trials – Home-based palliative care*
 - 2) *Palliative care in surgery: year in review*
- 10/18/2019 Society for Anesthesia and Sleep Medicine Annual Meeting, Orlando, FL.
Plenary lecture – *Perioperative Sleep as a Patient-Centered Outcome After Hospital Discharge – Implications for Quality and Safety*
- 10/19-23/2019 American Society of Anesthesiologists Annual Meeting, Orlando, FL.
- 1) *"I'm Not Sure He Means What He's Saying" – Decisional Capacity and Risk*
 - 2) *Palliative Care*
- 11/5/2019 *Palliative Care for Perioperative Populations: A Research Journey*; Grand Rounds – Critical Care Grand Rounds, Memorial Sloan Kettering Cancer Center, New York City, New York.
- 11/7/2019 Visiting Professorship at Columbia University Irving Medical Center
- 1) Grand Rounds for Department of Surgery and Department of Anesthesiology
Palliative Care for Perioperative Populations: A Research Journey
 - 2) Invited Talk for Division of Critical Care
Palliative Care in the Intensive Care Unit
- 10/3-6/2020 American Society of Anesthesiologists Annual Meeting, Washington, DC.
- 1) *The Role of Palliative Care in Addressing Racial and Ethnic Disparities in Critical Care*
 - 2) *The Role Palliative Care in the Perioperative Management of the Frail Patient*
 - 3) *Palliative Care for the Private Practice, Academic, or Critical Care Anesthesiologist*

Talks within Stanford University

- 4/2/2018 *Palliative Care for Perioperative Populations: A Research Journey*. Grand Rounds; Department of Anesthesiology, Stanford University Medical Center, Stanford CA.
- 6/5/2018 *Palliative Care for Perioperative Populations: A Research Journey*. Grand Rounds; Department of Surgery, Stanford University Medical Center, Stanford CA.
- 9/28/2018 *Palliative Care in the Intensive Care Unit*. Grand Rounds; Division of Pulmonary and Critical Care Medicine, Department of Medicine, Stanford University Medical Center, Stanford CA.
- 6/1/2020 *Palliative Care for Perioperative Populations: A Research Journey*. Grand Rounds; Fellows Works-in-Progress Research Group, Palo Alto VA, Palo Alto, CA.

Talks within Johns Hopkins

- 4/20/2010 *Evidence-based family meetings*. Neurocritical Care Division; The Johns Hopkins Hospital, Baltimore, MD
- 5/20/2010 *Understanding the Medicare Hospice Benefit*. Interdisciplinary Pain Team Lecture Series; The Johns Hopkins Hospital Sydney Kimmel Cancer Center, Baltimore, MD
- 4/10/2012 *Palliative medicine research update – April 2012*, Johns Hopkins Hospital Palliative Care Nurse Advocacy Group; Baltimore, MD.
- 5/17/2012 *Intraprofessional Education: Using Simulation to Promote Effective Team Communication, Communicate and Collaborate: Teaching with Technology Fair*; The Johns Hopkins School of Nursing; Baltimore, MD
- 10/9/2012 *What is patient- and family-centered care in the surgical critical care unit?* Surgery department; The Johns Hopkins Hospital; Baltimore, MD
- 1/7/2013 *Palliative Care in the Surgical Critical Care Unit – a research update*; Surgical Critical Care Division; The Johns Hopkins Hospital; Baltimore, MD
- 6/7/2013 *Palliative Care in the Surgical Intensive Care Unit*; Podium presentation at the 2013 Biennial Celebration for the Anesthesiology and Critical Care Department; The Johns Hopkins Hospital; Baltimore, MD
- 10/2/2014 *Integrating Perioperative and Palliative Care through Patient-Centered Outcomes Research*; Grand Rounds; Department of Anesthesia and Critical Care Medicine; The Johns Hopkins Hospital; Baltimore, MD
- 1/6/2015 *PCOR and PCORI: What is it? Where did it come from? How do I do it?* PCORI Symposium; Armstrong Institute in Collaboration with The Johns Hopkins Bloomberg School of Public Health; The Johns Hopkins Bloomberg School of Public Health; Baltimore, MD
- 4/2/2015 *Palliative Care – updates on the science and clinical trials available at Johns Hopkins*; Grand Rounds; Department of Surgery; The Johns Hopkins Hospital; Baltimore, MD
- 12/4/2015 *Palliative Care for Perioperative and Critically Ill Populations*. Grand Rounds, Department of Anesthesiology and Critical Care Medicine; The Johns Hopkins Hospital; Baltimore, MD.
- 1/6/2017 *Palliative Care for Critically Ill Populations*; Program Lecture; Palliative Care Fellows; The Johns Hopkins School of Medicine; Baltimore, MD
- 1/10/2017 *Palliative Care for Critically Ill Populations*; Division Lecture; Division of Surgical Critical Care; Baltimore, MD

