

University of Pittsburgh

School of Medicine

CURRICULUM VITAE

BIOGRAPHICAL

Name: Daniel E. Hall
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Birthplace: Hastings, Nebraska
Citizenship: United States of America

Business Address: Department of Surgery, F1264
200 Lothrop Street
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EDUCATION and TRAINING

UNDERGRADUATE

1987-1991	Yale College New Haven, CT	B.A. (1991) Magna Cum Laude	Major Subject: Biology Minor Subject: Philosophy
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GRADUATE

1993-1996	Yale Divinity School New Haven, CT	M.Div (1996)	Major Subject: Theology
1995-1999	Yale School of Medicine New Haven, CT	M.D. (1999)	Major Subject: Medicine

2002-2005	Duke University Durham, NC	M.H.Sc. (2005)	Major Subject: Health Science Research
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POSTGRADUATE

1999-2002	Intern and Resident University of Pittsburgh Medical Center Pittsburgh, PA Program director: Kenneth K. Lee, MD	Major Subject: General Surgery
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2002-2005	Post Doctoral Fellow Duke University Medical Center Durham, NC Program director: Harold G. Koenig, MD	Major Subject: Religion and Health
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2002-2007	Resident University of Pittsburgh Medical Center Pittsburgh, PA Program director: Kenneth K. Lee, MD	Major Subject: General Surgery
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April 9, 2014	Robotic Surgery Training DaVinci System Training: Console Surgeon Florida Hospital-Celebration, FL Program directors: Gillian Duncan, D.Ed Myran Cuel, MD	Major Subject: Robotic Surgery
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Feb 3, 2017 June 8, 2017	Vital Talk Faculty Development R1&R2 Teaching to Teach Communication Skills, parts 1 & 2 University of Pittsburgh Medical Center, Pittsburgh, PA Program directors: Robert Arnold, MD Julie Childers, MD	Major Subject: Communication Skills
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APPOINTMENTS and POSITIONS

ACADEMIC

7/1/2019-present	University of Pittsburgh School of Medicine Department of Anesthesiology and Perioperative Medicine A-1305 Scaife Hall 3550 Terrace St	Associate Professor (secondary appointment)
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Pittsburgh, PA 15261

2/1/2014-present	University of Pittsburgh School of Medicine Department of Surgery, F1264 200 Lothrop Street Pittsburgh, PA, 15213	Associate Professor
11/14/2011-present	Center for Spirituality, Theology, and Health Duke University Box 2400 Duke University Medical Center Besse Building, Suite 0505 Durham, NC 27710	Faculty Scholar (non-resident, unpaid volunteer)
9/23/2011-present	Center for Bioethics and Health Law University of Pittsburgh 3708 Fifth Avenue Medical Arts Building, Suite 300 Pittsburgh, PA 15213	Core Faculty
7/1/ 2007-1/31/2014	University of Pittsburgh School of Medicine Department of Surgery, F1264 200 Lothrop Street Pittsburgh, PA, 15213	Assistant Professor
9/1/2007-9/23/2011	Center for Bioethics and Health Law University of Pittsburgh 3708 Fifth Avenue Medical Arts Building, Suite 300 Pittsburgh, PA 15213	Affiliated Faculty

NON-ACADEMIC

HOSPITAL AND HEALTH SYSTEM POSITIONS:

7/1/2018-present	UPMC Physician Services Division Forbes Tower, Suite 9055 Pittsburgh, PA, 15213	Medical Director, High Risk Populations and Outcomes, Wolff Center at UPMC
7/1/2015-6/30/2018	UPMC Physician Services Division Forbes Tower, Suite 9055 Pittsburgh, PA, 15213	Administrative Consultant (Frailty in Elective Surgery)

GOVERNMENT POSITIONS:

10/1/2007-present	Veterans Affairs Pittsburgh Healthcare System Department of Surgery University Drive Pittsburgh, PA 15240	Staff Surgeon
10/1/2007-present	Center for Health Equity Research and Promotion Veterans Affairs Pittsburgh Healthcare System University Drive Pittsburgh, PA 15240	Core Investigator

CHURCH POSITIONS:

2006-Present	First Lutheran Church Pittsburgh, PA	Assisting Episcopal Priest
2002-2005	Church of the Holy Family Chapel Hill, NC	Assistant Rector
1999-2002	Trinity Cathedral Pittsburgh, PA	Canon Missioner for Young Adults
1998-1999	All Saints Meriden, CT	Lay pastoral Assistant
1994-1998	Trinity Church on the Green New Haven, CT	Seminarian

WORK EXPERIENCE:

1993	New England Biolabs	Lab Technician
1986-1989	Beverly, MA	
	-Cloned and sequenced the restriction/modification system for <i>Apal</i> (1993)	
	-Discovered restriction endonucleases <i>BspHI</i> (1986) and <i>EcoNI</i> (1987).	
	-Assisted in developing a new method for cloning restriction enzymes (1988).	
1991-1992	St. David's Girls' High School Zimbabwe	Science Teacher
	-Carried a load of 250 students in biology, chemistry and general sciences.	
	-Coached the volley ball and debate teams.	
1991 (Aug-Oct)	Copyright Clearance Center Salem, MA	Publisher Representative
	-Solicited and maintained business relationships with over 300 publishers	

CERTIFICATION and LICENSURE

SPECIALTY CERTIFICATION:

American Board of Surgery 29 January, 2008-Current

MEDICAL or OTHER PROFESSIONAL LICENSURE:

Drug Enforcement Administration (DEA) Issue Date 10/24/2007
Expiration Date 10/31/2022

Pennsylvania Medical Licensure: MD418508 Issue Date 12/19/2001
Expiration Date 12/31/2022

Ordination (Episcopal)
Priest October 7, 2001
Deacon June 12, 1999
Canonical Residence Diocese of Pittsburgh

MEMBERSHIP in PROFESSIONAL and SCIENTIFIC SOCIETIES

American College of Surgeons, Associate Member	2005-2009
Society for the Scientific Study of Religion	2005-2009
American Society for Bioethics and Humanities	2006-2016
Association of Academic Surgery	2009-2019
Ethics Committee 2012-2014	
American College of Surgeons, Fellow	2009-present
Southwest Pennsylvania Chapter of the American College of Surgeons	2009-present
Council Member 2010-2013	
Association of VA Surgeons	2012-present
Research Committee, 2015-2018	
Awards Committee, 2017-present	
Publications Committee, 2020-present	
Society of University Surgeons	2017-present

HONORS

HONORS and AWARDS

<u>Nominated for 2020 HSR&D Health System Impact Award</u>	2020
It is an honor to merely be nominated for this prestigious national award given to a single person each year in recognition for exceptional contribution to a sustained body of work in health services research. VA Centers of Innovation may nominate only one candidate. Award will be announced Spring 2020	
<u>National Diffusion Practice</u>	2020
Based on grass roots enthusiasm following the VA Shark Tank competition for my practice of Preoperative Frailty Screening and Prehabilitation, the practice was chosen for national diffusion with 3 years of administrative support from the VHA Innovation Ecosystem, working to make frailty screening standard of care nationwide across the VA. It was also briefed to the Chief Medical and Nursing Officers at VA Central Office.	
<u>American Board of Surgery Maintenance of Certification Exam</u>	2020
My research and publication focused on preoperative frailty screening were cited by one of the “core” questions in the biennial MOC exam, demonstrating that my work is contributing to changes in the standard of care for frail patients.	
<u>Risk Analysis Index chosen as Epic Clinical Program</u>	2020
Based on data an implementation, the Risk Analysis Index as programmed in Epic was selected for distribution to all interested Epic clients as a Clinical Program integrated into the electronic health record.	
<u>July 2020 Chief of Staff Clinical Excellence Award</u>	2020
Selected by peers for a rotating award honoring clinical excellence. Award cited my work implementing frailty screening and goals of care clarification in advance of scheduled surgery.	
<u>Gold Status Awardee, VA Shark Tank Competition</u>	2019
Competed in the third annual VA Shark Tank at the VA Innovation Experience at the National Press Club, October 22-23, 2019. My practice Preoperative Frailty Screening and Prehabilitation was one of the winning, Gold Status, practices with bids to implement at VA Medical Centers in Iowa City, Gainesville, Florida and Lexington, VA.	
<u>Stakeholder Representative for Geriatric Surgery.</u>	2015-2019
Invited to participate as a key stakeholder in the Coalition for Quality in Geriatric Surgery Project, jointly sponsored by the American College of Surgeons and the John A. Hartford Foundation and aimed at developing standards for the surgical care of geriatric patients, September 10, 2015, May 12-13, 2016, September 27 2018 and July 19, 2019. Appointed to represent UPMC by Dr. Steven Shapiro.	
<u>Faculty Mentor, Physician Leadership Program</u>	2018

Mentored group of 5 physicians in developing analysis of shared decision making needs across UPMC as part of a joint program between UPMC and the Katz Graduate School for Business.

Alumni Preacher, Yale University 2016
Invited to preach at the University Church as the final event of the 25th reunion weekend, May 29, 2016.

4th Annual Conference on Medicine and Religion 2015
Invited to judge the posters and lead students in poster sessions. Session moderator. Also asked to host dinner to foster community around a topic of interest. March 6-9, 2015, Boston, MA.

Invited Participant: VA HSR&D CDA Conference 2014
Invited to participate in a day-long conference for CDA recipients in Washington, DC on February 12, 2014.

Keynote Speaker for Student Clinician Pinning Ceremony 2013
Invited by the Gold Humanism Honor Society to give the keynote address at the pinning ceremony for the rising third year medical students on May 3, 2013.

On Moral Medicine, 3rd Edition 2012
Two of my publications were anthologized in the 3rd edition of the pre-eminent text on theological bioethics: *On Moral Medicine: Theological Perspectives in Medical Ethics* (Lysaught MT and Kotva JJ, eds. Eerdmans: Grand Rapids 2012). To be included in this text puts my work alongside the most influential scholars in this field over the past 70 years.

Surgical Ethics Working Group for SCORE 2012
Invited to help develop ethics curricula for the Surgical Council on Resident Education (SCORE) [www.surgicalcore.org]. Worked with other leaders in surgical ethics to develop ethical analysis of clinical vignettes.

2010 Gathering of GenX Clergy 2010
Invited to help lead a select group of influential young clergy of the Episcopal Church in a 5 day retreat to discern leadership directions for the future of the church and society.

2010 Course in Scientific Management and Leadership 2010
Competitive scholarship to a 3 day professional development course for junior faculty in health sciences sponsored by the University of Pittsburgh Office of Academic Career Development.

Junior Scholar for the Practice and Profession Working Group 2010-2011

One of 4 junior scholars chosen to participate in a year-long workshop that brings together senior scholars from the University of Chicago, Duke University, and Notre Dame, to address the question: “What would it mean rightly to set the practice of medicine in the context of a good (virtuous, ethical, and/or faithful) life?” Sponsored by the Program on Medicine and Religion at the University of Chicago.

CREDO 2009

Invited to participate in 8 day professional development and vocational discernment retreat sponsored by the Church Pension Group of the Episcopal Church, November 2-9.

Dorris B Maxwell Award for Research 2007

Awarded to that graduating chief surgical resident who, in the eyes of the faculty, has been most creative and productive during the research component of the residency training.

Presiding Bishop’s Symposium on Healthcare 2001

Invited to join an inter-disciplinary working group of 30 members to clarify the positions of the Episcopal Church regarding health and healthcare. Our position paper was presented for acceptance at the 2003 General Convention of the Episcopal Church.

Preaching Excellence Program 1995

Invited with 25 other students nationwide for a one week intensive workshop on homiletics at the College of Preachers Washington, D.C.

NIH Centennial Scholar 1987

Chosen as the single student to represent Massachusetts at the National Institutes of Health Centennial in Washington, D.C.

Summer Science Institute 1986

Weizmann Institute of Science
Rehovot, Israel

PUBLICATIONS

1. ORIGINAL PEER REVIEWED ARTICLES

Refereed articles (Articles based on empirical data are marked “E” and articles based on theoretical or philosophical argument and analysis are marked ‘P’.)

1. **Hall DE**, Curlin F, Koenig HG. When clinical medicine collides with religion. *The Lancet*. 2003/12/20 2003;362(1001):28-29. PMID: [14698119](#). **P**
2. **Hall DE**, Curlin F. Can physicians' care be neutral regarding religion?. *Academic Medicine*. 2004;79:677-679. PMID: [15234919](#). **P**
3. **Hall DE**, Koenig HG, Meador KG. Conceptualizing "religion": How language shapes and constrains knowledge in the study of religion and health. *Perspectives in Biology & Medicine*. 2004;47(3): 386-401. PMID: [15247504](#). **P**
4. Cohen AB, **Hall DE**, Koenig HG, Meador KG. Social versus individual motivation: Implications for normative definitions of religious orientation. *Personality and Social Psychology Review*. 2005; 9:48-61. PMID: [15745864](#). **E**
5. Curlin F, **Hall DE**. Strangers or Friends? A proposal for a new spirituality-in-medicine ethic. *Journal of General Internal Medicine*. 2005; 20: 370-374. PMID: [15857497](#). PMID: [PMC1490093](#). **P**
6. **Hall DE**. Religious Attendance: More Cost Effective than Lipitor? *Journal of the American Board of Family Practice*. 2006; 19(2): 103-9. PMID: [16513898](#). **E**
This article was the 7th most downloaded paper in 2006 for this journal. See: The 20 Most-Frequently Read Articles in the JABFM. *Journal of the American Board of Family Practice*. Mar-April 2006 (19) 103-9.
7. **Hall DE**, Koenig HG, Meador KG. Hitting the target: Why existing measures of "religiousness" are really measuring "secularity". *Explore: The Journal of Science and Healing*. 2008; 4(6): 368-373. PMID: [18984548](#). **P**
8. **Hall DE**, Altar and Table: A phenomenology of the surgeon-priest. *Yale Journal of Biology and Medicine*. 2008; 81(4): 193-198. PMID: [19099050](#). PMID: [PMC2605310](#). **P**
9. Cohen, AB, **Hall, DE**. Existential Beliefs, Social Satisfaction, and Well-Being Among Catholic, Jewish, and Protestant older adults. *International Journal for the Psychology of Religion* 2009; 19:39-54. **E**
10. **Hall DE**, Meador KG, Koenig HG. Episcopal Measure of Faith Tradition: A context-specific approach to measuring religiousness. *Journal of Religion and Health*. 2010; 49(2): 164-178. DOI: 10.1007/s10943-009-9240-3. PMID: [19288198](#). **E**
11. Thirunavakarasu P, Brewster LP, **Hall DE**, Educational Intervention Is Effective In Improving Knowledge And Confidence In Surgical Ethics -A Prospective Study. *American Journal of Surgery* 2010; 200(5): 665-9. PMID: [21056150](#). **E**
12. **Hall DE**. The Guild of Surgeons as a Tradition of Moral Enquiry. *Journal of Medicine and Philosophy* 2011; 36 (2): 114-132 DOI: 10.1093/jmp/jhr005. **P**
This was the lead article in this issue dedicated to Alisdair Macintyre's influence on medicine, its practices, and medical ethics.
13. Ai, AL. **Hall DE**. "Divine Love and Deep Connections: A Long-Term Followup of Patients Surviving Cardiac Surgery," *Journal of Aging Research*, vol. 2011, Article ID 841061, 8 pages, 2011. doi:10.4061/2011/841061. PMID: [21748012](#). PMID: [PMC3124964](#). **E**
14. Brewster LP, **Hall DE**, Joehl RJ. Assessing Residents in Surgical Ethics: We do it a lot, we only know a little. *Journal of Surgical Research* 2011; DOI: 10.1016/j.jss.2011.04.008. **E**
15. Brewster LP, Palmatier J, Manley CJ, **Hall DE**, Brems JJ. Limitations on surrogate decision-making for Emergent Liver Transplantation. *Journal of Surgical Research* 2011; DOI: 10.1016/j.jss.2011.04.042. PMID: [21696773](#). **E**

16. **Hall DE**, Hanusa B, Switzer G, Fine M, Arnold R. The impact of iMedConsent™ on patient decision making regarding cholecystectomy and inguinal herniorrhaphy. *Journal of Surgical Research*. DOI: 10.1016/j.jss.2011.04.056. PMID: [21704336](#). PMCID: [PMC7180386](#). **E**
17. Neal MD, Alverdy JC, **Hall DE**, Simmons RL, Zuckerbraun BS. Diverting loop ileostomy and colonic lavage: An alternative to total abdominal colectomy for the treatment of severe, complicated Clostridium difficile-associated disease. *Annals of Surgery*. Sep 2011; 254(3):423-429. PMID: [21865943](#). **E**
18. Ai AL, **Hall DE**, Pargamet K. Posttraumatic Growth in Patients Who Survived Cardiac Surgery: The Predictive and Mediating Roles of Faith-based Factors. *J Behavioral Medicine* 2012: DOI 10.1007/s10865-012-9412-6. 2013; 36(2): 186-198. PMID: [22460360](#). **E**
19. Antiel RM, Van Arendonk KJ, Reed DA, Terhune KP, Tarpley JL, Porterfield JR, **Hall DE**, Joyce DL, Wightman SC, Horvath KD, Heller SF, Farley DR. Surgical training, duty-hour restrictions, and implications for meeting the accreditation council for graduate medical education core competencies: views of surgical interns compared with program directors. *Arch Surg*. 2012;147(6):536-41. PMID: [22786539](#). **E**
20. **Hall DE**, Morrison P, Nikolajski C, Fine MJ, Arnold RM, Zickmund SL. Informed consent for inguinal herniorrhaphy and cholecystomy: Describing how patients make decisions to have surgery. *Am J Surg*. 2012 DOI: 10.1016/j.amjsurg.2012.07.020. 2012; 204(5): 619-25. PMID: [22944389](#). PMCID: [PMC7224355](#). **E**
21. Ai, AL, **Hall DE**, Bolling, SF. Interleukin-6 and Hospital Length of Stay after Open-heart Surgery. *Biological Psychiatry and Psychopharmacology*. 2013: 14(2), 79-82. (An official publication for the *World Federation of Societies of Biological Psychiatry*). **E**
22. Antiel RM, Reed DA, Van Arendonk KJ, Wightman SC, **Hall DE**, Porterfield JR, Horvath KD, Terhune KP, Tarpley JL, Farley DR. Effects of duty hour restrictions on core competencies, education, quality of life, and burnout among general surgery interns. *JAMA Surg*. 2013 May;148(5):448-55. doi: 10.1001/jamasurg.2013.1368. PMID: [23325404](#). **E**
23. **Hall DE**, "Who decides when the patient cannot". Multimedia peer-reviewed module for the *American Board of Surgery SCORE Curriculum*. www.surgicalcore.org. (2014). **P**
24. Ernst K, **Hall DE**, Lynch TJ, Schmid, KK, SeEVERS, G, Lavedan, P, Lynch, T, Johanning J. Surgical palliative care consultations over time in relation to system wide frailty-screening. *JAMA Surgery*. 2014: 149(11):1121-1126 DOI: 10.1001/jamasurg.2014.1393. PMID: [25207603](#). PMCID: [PMC4603652](#). **E**
25. **Hall DE**, Hanusa BH, Stone, RA, Ling, BS, Arnold, RM. The time required for IRB review at one VA Medical Center. *JAMA Surgery*. 2015 Feb 1;150(2):103-9. doi: 10.1001/jamasurg.2014.956. PMID: [25494359](#). PMCID: [PMC4527305](#). **E**
26. **Hall DE**, Hanusa BH, Fine MJ, Arnold RM. Do surgeons and patients discuss what they document on consent forms? *Journal of Surgical Research*. 2015 Jul 197(1): 66-77. doi: 10.1016/j.jss.2015.03.058. Epub 2015 Mar 25. PMID: [25891679](#). PMCID: [PMC4603654](#). **E**
27. **Hall DE**, Hanusa BH, Ling, BS, Stone, RA, Switzer, GE, Fine, MJ, Arnold, RM. Using the IRB Researcher Assessment Tool to guide quality improvement. *J. Emp Res Hum Res Ethics*. Dec 2015;10(5):460-469. PMID: [26527369](#). PMCID: [PMC4644456](#). **E**
28. Varley P, Feske U, Gao S, Stone R, Zhang S, Monte, R, Arnold, RM, **Hall, DE**. Time

- required to review research protocols at 10 Veterans Affairs Institutional Review Boards. *J Surg Res* 204(2):481-9. doi: 10.1016/j.jss.2016.06.004. Epub 2016 Jun 8. PMID: [27565086](#). PMCID: [PMC7224356](#). E
29. **Hall DE**, Feske U, Hanusa BH, Ling BS, Stone RA, Gao S, Switzer GE, Dobalian A, Fine MJ, Arnold RM. Prioritizing Initiatives for Institutional Review Board (IRB) Quality Improvement. *American Journal of Bioethics-Empirical Bioethics* 2016 7(4): 265-274 doi 10.1080/23294515.2016.1186757 Epub May 13 2016. PMID: [32775502](#) PMCID: [PMC7409436](#) E
30. **Hall, DE**, Arya, S., Schmid, K. K., Blaser, C., Carlson, M. A., Bailey, T. L. Purviance, G., Bockman, T., Lynch, T.G., Johanning, J. M. Development and initial validation of the Risk Analysis Index (RAI) for measuring frailty in surgical populations. *JAMA Surg* 2017 152(2):175-182 doi: 10.1001/jamasurg.2016.4202 Epub Nov 23, 2016. PMID: [27893030](#). PMCID: [PMC7140150](#). E
- This was article was widely reported in print and online media, earning an Altmetric score of 148 (July 2017), placing it among the top 5% of all research outputs scored by Altmetric. (See media contacts below).
31. **Hall, DE.**, Arya, S., Schmid, K. K., Carlson, M. A., Lavedan, P., Bailey, T. L., Purviance, G., Bockman, T, Lynch, T.G., Johanning, J. M. Association of a Frailty Screening Initiative with post-operative survival at 30, 180 and 365 days. *JAMA Surgery*. doi: 10.1001/jamasurg.2016.4219 Epub Nov 30, 2016. PMID: 27902826, PMCID: [PMC7180387](#). E
- Discussed at the 2017 Chilean Congress of Anesthesiology as one of the top articles for critical reading.
 - This was article was widely reported in print and online media, earning an Altmetric score of 143 (July 2017), placing it among the top 5% of all research outputs scored by Altmetric. (See media contacts below).
 - Highlighted as “key paper” in Science, Medicine and the Aneshtesiologist, *Anesthesiology* 2017 127(2): A1-2.
 - Highlighted on VA Health Services Research & Development home page September 2017 (<https://www.hsrdr.research.va.gov/news/feature/aging0917.cfm>).
32. Shah, R., Attwood, K., Arya, S., **Hall, DE**, Johanning, J. M., Gabriel, E., . . . Massarweh, NN. (2018). Association of Frailty With Failure to Rescue After Low-Risk and High-Risk Inpatient Surgery. *JAMA Surg*, 153(5), e180214. doi:10.1001/jamasurg.2018.0214. PMID: [29562073](#) PMCID:[PMC5875343](#) E
33. Martsof, G. R., & **Hall, DE**. (2019). Is a culture of health always healthy? *Nurs Forum*. doi:10.1111/nuf.12345. P
34. Arya, S., Varley, P., Youk, A., Borrebach, J. A., Perez, S., Massarweh, N. N., . . . **Hall, DE**. (2019). Recalibration and External Validation of the Risk Analysis Index: A Surgical Frailty Assessment Tool. *Ann Surg*. doi:10.1097/SLA.0000000000003276. PMID: [30907757](#). E
35. Rothenberg KA, Stern JR, George EL, Trickey AW, Morris AM, **Hall DE**, Johanning JM, Hawn MT, Arya S (2019). Association of Frailty and Postoperative Complications on Unplanned Readmissions Following Elective Outpatient Surgery. *JAMA Network Open*, 2(5) doi:10.1001/jamanetworkopen.2019.4330. PMID: [31125103](#). PMCID: [PMC6632151](#). E

- This was article was widely reported in print and online media, earning an Altmetric score of 31 (December 2019), placing it among the top 5% of all research outputs scored by Altmetric.
36. Shinall MC, Jr, Arya S, Youk A, Varley P, Shah R, Massarweh NN, Shireman PK, Johanning JM, Brown AJ, Christie NA, Crist L, Curtin CM, Drolet BC, Dhupar R, Griffin J, Ibinson JW, Johnson JT, Kinney S, LaGrange C, Langerman A, Loyd GE, Mady LJ, Mott MP, Patri M, Siebler JC, Stimson CJ, Thorell WE, Vincent SA, **Hall DE**. Association of Preoperative Patient Frailty and Operative Stress With Postoperative Mortality. *JAMA Surgery*. 2019: e194620-e194620. 10.1001/jamasurg.2019.4620. PMID: [31721994](https://pubmed.ncbi.nlm.nih.gov/31721994/) PMCID: [PMC6865246](https://pubmed.ncbi.nlm.nih.gov/PMC6865246/) E
- This article was one the 10 most talked about articles for 2019 published by *JAMA Surgery*—after only 6 weeks of release as measured by Altmetric, which provides a quantitative measure of the attention each scholarly article receives in traditional and social media. <http://read.alerts.jamanetwork.com/csb/Public/show/axac-1milxu--nyv71-1b6w6el1>
 - Briefed to VA Central Office Leadership and Highlighted on VA Health Services Research & Development home [page](#) November 2019.
 - As of December 2020, this article an Altmetric score of 343, placing it among the top 5% of all research outputs scored by Altmetric, and the 99th percentile of outputs of similar age.
 - This article was again one of the most talked about articles for 2020 published by *JAMA Surgery*, ranking 6th in all output.
 - One of the five papers presented at the 2021 Annual Meeting of the American Academy of Hospice and Palliative Medicine as part of a review of important literature on perioperative and surgical palliative care from 2019-2020.
37. Li Z, Habbous S, Thain J, **Hall DE**, Nagpal D, Bagur R, Kiaii B, John-Baptiste A. Cost-effectiveness analysis of frailty assessment in older patients undergoing coronary artery bypass grafting (CABG) surgery. *Canadian Journal of Cardiology*. <https://doi.org/10.1016/j.cjca.2019.09.025>. 2020;36(4):490-499. PMID: [32220386](https://pubmed.ncbi.nlm.nih.gov/32220386/). E
- This article covered in Cardiovascular Business: <https://www.cardiovascularbusiness.com/topics/coronary-intervention-surgery/frailty-checks-cabg-patients-cuts-costs>
38. Rothenberg KA, George EL, Trickey AW, Barreto NB, Johnson TM, 2nd, **Hall DE**, Johanning JM, Arya S. Assessment of the Risk Analysis Index for Prediction of Mortality, Major Complications, and Length of Stay in Patients who Underwent Vascular Surgery. *Ann Vasc Surg*. 10.1016/j.avsg.2020.01.015. 2020. PMID: [31935435](https://pubmed.ncbi.nlm.nih.gov/31935435/). E
39. McNamara LC, Okoniewski W, Maurer SH, Moehling K, **Hall DE**, Schenker Y. "Give them the door but don't push them through it": Family Attitudes Toward Physician-Led Spiritual Care in Pediatric Palliative Medicine. *J Relig Health*. 10.1007/s10943-020-00991-z. 2020. PMID: [32052280](https://pubmed.ncbi.nlm.nih.gov/32052280/). E
40. Varley PR, Borrebach JD, Arya S, Massarweh NN, Bilderback AL, Wisniewski MK, Nelson JB, Johnson JT, Johanning JM, **Hall DE**. Clinical Utility of the Risk Analysis Index as a Prospective Frailty Screening Tool within a Multi-practice, Multi-hospital Integrated

Healthcare System. *Ann Surg.* 10.1097/SLA.0000000000003808. 2020. PMID: [32118596](#).
E

41. Shah R, Borreback JD, Hodges JC, Varley PR, Wisniewski MK, Shinall MC, Jr., Arya S, Johnson J, Nelson JB, Youk A, Massarweh NN, Johannning JM, **Hall DE**. Validation of the Risk Analysis Index for Evaluating Frailty in Ambulatory Patients. *J Am Geriatr Soc.* 2020;68(8):1818-1824. DOI: 10.1111/jgs.16453.PMID: [32310317](#) **E**.
42. Shinall, M. C., Jr, Youk, A., Massarweh, N. N., Shireman, P. K., Arya, S., George, E. L., & **Hall, DE**. (2020). Association of Preoperative Frailty and Operative Stress With Mortality After Elective vs Emergency Surgery. *JAMA Network Open*, 3(7), e2010358-e2010358. doi:10.1001/jamanetworkopen.2020.10358. PMID: [32658284](#) PMCID: [PMC7358909](#) **E**.
43. **Hall, DE**. We can do better: Why pastoral care visitation to hospitals is essential especially in times of crisis. *Journal of Religion and Health* Hall, (2020). doi:10.1007/s10943-020-01072-x. PMID: [32734516](#) PMCID: [PMC7392121](#) **P**.
44. Tsan MF, Ling BS, Feske U, Zickmund S, Stone RA, Sonel AF, Arnold RM, Fine JM, **Hall DE**. Assessing the quality and performance of institutional review boards: Levels of initial reviews. *Journal of Empirical Research on Human Research Ethics.* doi: 10.1177/1556264620956795 2020. PMID: [32917103](#) **E**.
45. George EL, **Hall DE**, Youk A, Chen R, Kashikar A, Trickey AW, Varley PR, Shireman PK, Shinall MC, Jr., Massarweh NN, Johannning J, Arya S. Association Between Patient Frailty and Postoperative Mortality Across Multiple Noncardiac Surgical Specialties. *JAMA Surg.* 2020:e205152. DOI: 10.1001/jamasurg.2020.5152. PMID: [33206156](#). **E**.
 - Briefed to VA Central Office Leadership on November 30, 2020.
 - Summarized in NEJM Journal Watch February 9, 2021
 - Abstracted in the March 2021 Science, [Medicine, and the Anesthesiologist](#) column of *Anesthesiology*.
 - As of March 2021, this article an Altmetric score of 119, placing it among the top 5% of all research outputs scored by Altmetric, and the 97th percentile of outputs of similar age.
46. Tuttle, KR, Knight R, Appelbaum PS, Arora T, Bansal S, Bebiak J, Brown K, Campbell C, Cooperman L, Cronoa-Villalobos CP, Dighe A, de Boer IH, **Hall DE**, Jefferson N, Jolly S, Kermani, A Lee SC, Mehl K, Murugan R, Roberts GV, Rosas, SE, Himmelfarb J, Miller RT for the Kidney Precision Medicine Project. Integrating Patient Priorities with Science by Community Engagement in the Kidney Precision Medicine Project (KPMP). *Clinical J Am Soc Nephrology.* Online ahead of print, Nov 30, 2020, DOI: 10.2215/cjn.10270620. PMID: [33257411](#). **P**.
47. Morales A, Murphy A, Fanning JB, Gao S, Schultz K, Barnato A, **Hall DE**. Key Physician Behaviors that Predict Prudent, Preference Concordant Decisions at the End of Life. *AJOB Empirical Bioethics.* 2020:1-20. doi:10.1080/23294515.2020.1865476 **E**.
48. Agarwal N, Goldschmidt E, Taylor T, Roy S, Dunn SCA, Bilderback A, Friedlander RM, Kanter AS, Okonkwo DO, Gerszten PC, Hamilton DK, **Hall DE**. Impact of Frailty on Outcomes Following Spine Surgery: A Prospective Cohort Analysis of 668 Patients. *Neurosurgery.* 10.1093/neuros/nyaa468 2020. **E**.

49. Altieri-Dunn S, Bellon J, Bilderback AL, Borrebach J, Hodges JC, Wisniewski MK, Harinstein ME, Minnier T, Nelson JB, **Hall DE**. SafeNET: Initial development and validation of a real-time tool for predicting mortality risk at the time of hospital transfer to a higher level of care. *PLoS One*. 2021 16(2): e0246669 10.1371/journal.pone.0246669. **E**.
 - Abstracted in [Modern Healthcare](#), [Brecker's Health IT](#), [Medical Xpress](#), and [News Medical](#).
50. Cashion W, Gellad WF Florentina ES, Mor MK, Fine MJ, Hale J, **Hall DE**, Rogal S, Switzer G, Mohan R, Wang V, Bronson DA, Wilson M, Gunnar W, Weisbord SD. Source of Post-Transplant Care and Mortality among Kidney Transplant Recipients Dually Enrolled in VA and Medicare, *Clinical Journal of the American Society of Nephrology* 2021. <https://doi.org/10.2215/CJN.10020620> **E**.
 - Briefed to Central Office Leadership, including Secretary of Veterans Affairs.
51. Morales, A, Schultz K, Gao, S, Murphy A, Barnato AE, Fanning JB, **Hall DE**. Cultures of Practice: Specialty-specific differences in end-of-life conversations. *Palliative Medicine Reports*. Published Online:24 Mar 2021<https://doi.org/10.1089/pmr.2020.0054>. **E**.

2. **OTHER PEER REVIEWED PUBLICATIONS**

Refereed articles (Systematic reviews are marked “R”, and commentary “C”.)

1. **Hall DE**, Meador KG, Koenig HG. Measuring religiousness in health research: Review and Critique. *Journal of Religion and Health*. 2008; 47(2): 134-163. PMID: [19105008](#). **R**
This article is cited on the Wikipedia entry on “Human” beginning 2017: <https://en.wikipedia.org/wiki/Human>
2. **Hall DE**, Prochazka AV, Fink AS. Informed consent for clinical treatment: Best practices. *Canadian Medical Association Journal* 2012: DOI 10.1503/cmaj.112120. PMID: [22392947](#). PMCID: [PMC3307558](#) . **R**
3. Johanning JM, **Hall DE**, Ary S. Frailty and Mortality after Noncardiac Surgery in Elderly Individuals: Metrics, Systems, and the Elephant [invited commentary]. *JAMA Surgery* Published online January 20, 2016. doi:10.1001/jamasurg.2015.5235. PMID: [26790639](#). **C**
4. Johanning, J. and **Hall, DE**. (2018), Successful Prehabilitation: A Noble Goal. *J Am Geriatr Soc*, 66: 1869-1869. doi:10.1111/jgs.15599. PMID: [30289958](#). **C**
5. **Hall, DE**. Reimagining surgical success: Caring for those who die despite our best efforts. *JAMA Surgery* 2020. doi:10.1001/jamasurg.2019.5084. PMID: [31895419](#). **C**
6. Sigler, LE, Reitschuler-Cross E, Arnold RM, **Hall, DE**. Fast Facts and Concepts #407. Preoperative Frailty Assessment. September 2020. Available at: <https://www.mypcnow.org> **R**

3. **OTHER NON-PEER REVIEWED PUBLICATIONS**

(Articles based on philosophical analysis are marked “P”, letters are marked “L”.)

Medical

1. **Hall, DE**. “Can’t Talk Now,” *Yale Medicine*, Winter 1999. **P**

2. **Hall DE.** [Correspondence] Medicine and Religion: A response to Sloan, et. al. *New England Journal of Medicine*. 343(18):1339-1342, November 2, 2000. **L**
3. **Hall DE,** Koenig HG. Christian Science on Trial: Religious Healing in America (Book Review). *New England Journal of Medicine*. 2003;349(26):2574-2575. **P**
4. **Hall DE,** Catanzaro AM, Harrison MO, Koenig HG. [Correspondence] Religion, spirituality and mysticism. *American Journal of Psychiatry*. 2004; 161(9): 1720-21. PMID: [15337676](#). **L**
5. Curlin F, **Hall DE.** Red Medicine, Blue Medicine: Pluralism and the future of healthcare. The Religion and Culture Web Forum (May 2005). The Martin Marty Institute for the Advanced Study of Religion and the University of Chicago. (<http://marty-center.uchicago.edu/webforum/052005/commentary.shtml>). **P**
6. Curlin F, **Hall DE.** Regarding Plan B: Science and politics cannot be separated. *Obstetrics and Gynecology (The Green Journal)*. 2005; 105(5):1148-50. PMID: [15863562](#). **P**
 Note that this "letter to the editor" is 1700 words long and went through the peer review process. However, the editor chose not to publish it as a refereed article due to the politically controversial subject matter. However, the word limit was removed and it contains all components of an original investigation.
7. **Hall DE.** [Correspondence] Religious Attendance: More Cost Effective than Lipitor? *Journal of the American Board of Family Practice*. 2006; 19(4):431-3. **L**
8. **Hall DE,** Prochazka A, Fink AS. Response to Drs Gray and Mann. (Correspondence RE: "Informed consent for clinical treatment" Hall, Prochazka A, Fink A., *Canadian Medical Association Journal* 184:533-540. doi:10.1503/cmaj.112120) Published online May 10, 2012, http://www.cmaj.ca/content/184/5/533/reply#cmaj_el_704141. **L**
9. Morreim H, Antiel RM, Zacharias DG, **Hall DE.** Should age be a basis for rationing health care? The virtual mentor: VM. May 2014;16(5):339-347. PMID: [24847703](#). **P**
10. Shinall MC, Jr., Shireman PK, Hall DE. Implications of Preoperative Patient Frailty on Stratified Postoperative Mortality-Reply. *JAMA Surg*. 10.1001/jamasurg.2020.0431. 2020. PMID: [32320020](#). **L**

Theological

- 1 **Hall DE.** "Stole and Stethoscope: Challenges for Formation within the Context of Bivocational Ministry" in Humphrey, Nathan, *Gathering the Next Generation: Essays on the Formation and Ministry of GenX Priests*, Morehouse: Harrisburg, PA, 2000, pp. 66-82.
- 2 **Hall DE.** Bivocational Priest: (auto)Biography of The Rev. Daniel E. Hall. *Profiles of the Life*. Episcopal Church Website, 2003. (http://ecusa.anglican.org/recruit_8111_ENG_HTM.htm?menu=menu5260).
- 3 **Hall DE.** Heavier than Darkness. In R Alling and DJ Schlafer, *Preaching from Psalms, Oracles, and Parables: Sermons that Work XIV*, Morehouse Press: New York, 2006; 33-39.

4. BOOKS, BOOK CHAPTERS AND MONOGRAPHS

- 1 McDonald T, **Hall D**. Ethical Issues in the Practice of Surgical Oncology. In: Bartlett D, Neal M, Thirunuvakarasu P, eds. *Surgical Oncology: Fundamentals, Evidenced Based Approaches, and New Technology*. New Dehli: Jaypee Brothers International Medical Publishers; 2010.
- 2 **Hall DE**, Angelos P, Dunn G, Hinshaw D, Pawlik T. Ethics, Palliative Care, and Care at the End of Life. In: Brunnicardi F, Anderson D, Billiar T, eds. *Schwartz's Principles of Surgery*. 9th ed. New York, NY: McGraw Hill; 2010: 1753-67.
- 3 **Hall DE**, Arnold RM, Lidz CW. Clinical aspects of consent in health care. In: Jennings B, ed. *Bioethics*. 4th ed. Farmington, Hills, MI: Macmillan Reference USA; 2014:1698-1707.
- 4 **Hall DE**, Angelos P, Dunn G, Hinshaw D, Pawlik T. Ethics, Palliative Care, and Care at the End of Life. In: Brunnicardi F, Anderson D, Billiar T, eds. *Schwartz's Principles of Surgery*. 10th ed. New York, NY: McGraw Hill; 2015: 1941-54.
- 5 Xu, Jun, **Hall, DE**. "Chapter 10: Ethical Considerations" in *Vascular Disease in Older Adults*, Rabih Chaer, editor. Springer: Haddonfield, NJ (2017) ISBN 978-3-319-29285-4.
- 6 **Hall DE**. Shared Decision Making and Practical Use of Risk Assessment in Anesthesiology Update, Presented by: The University of Pittsburgh School of Medicine and the University of Pittsburgh Physicians Department of Anesthesiology and Perioperative Medicine, Oakstone Publishing, 2021

5. PUBLISHED ABSTRACTS (in Scientific Journals)

- 1 Garza MA, Chatman J, **Hall DE**, Fryer CS, Thomas SB. Examining racial differences in the association of religiousness and trust in research and participation. 137th American Public Health Association Annual Meeting (November 7-11, 2009). Philadelphia, PA. **E**
- 2 Thirunavakarasu P, Brewser L, **Hall DE**. (15 Minute Oral Presentation) Effectiveness of Teaching Ethics to Surgical Residents: Implementation of the ACS Ethics Curriculum. Association of VA Surgeons Annual Meeting (May 10, 2010). Indianapolis, IN. **E**
- 3 **Hall DE**, Hanusa B, Switzer G, Fine M, Arnold R. The impact of iMedConsent™ on patient decision making among Veterans considering cholecystectomy and inguinal herniorrhaphy. 28th VA HSR&D National Meeting (Teaming up for high value care, Feb 16-18, 2011). National Harbor, MD. **E**
- 4 Caporaso, J, Eibling D, **Hall, DE**. Most patients sign generic consent-to-treat forms without having read them. 2012 Symposium on Human Factors and Ergonomics in Health Care: Bridging the Gap (March 12–14, 2012) Baltimore, MD. **E**
- 5 **Hall DE**, Morrison P, Nikolajski C, Fine M, Arnold R, Zickmund S. Not just for surgeons any more: iMed Consent as an early tool for informed decision making. Association of VA Surgeons 36th Annual Surgical Symposium (April 1-3, 2012). Miami Beach, FL. **E**
- 6 **Hall DE**, Hanusa B, Fine M, Arnold R. Telling the truth: Do the VA's procedure-specific informed consent documents specify the information actually discussed between surgeons and patients? 29th VA HSR&D National Meeting (July 16-19, 2012). National Harbor, MD. **E**
- 7 **Hall DE**, Morrison P, Nikolajski C, Arnold RM, Fine MJ, Zickmund SL. Informed consent for inguinal herniorrhaphy and cholecystectomy: Differences between what surgeons

- say they discuss and what they actually do discuss. Academic Surgical Congress (Feb 5-7, 2013). New Orleans, LA. **E**
- 8 **Hall DE**, Hanusa B, Arnold, R. Documents and Discussions: Do the VA's procedure-specific informed consent documents specify the information actually discussed between surgeons and patients? **Plenary Session for Education**. Academic Surgical Congress (Feb 6, 2014), San Diego, CA.
 - 9 **Hall DE**, Hanusa BH, Stone, RA, Ling, BS, Arnold, RM. The time required for IRB review at one VA Medical Center. 38th Annual Meeting of the Association of VA Surgeons, April 6-8, 2014, New Haven, CT.
 - 10 Antiel, RM, Lorish, P, Bishop JP, **Hall DE**. Ethics and Emergence: The Facts of the Case. 16th Annual Meeting of the American Society for Bioethics and Humanities, October 16-19, 2014, San Diego, CA.
 - 11 **Hall, DE**, Hausmann, L, Fine MJ. Intervening equitably to eliminate health care disparities. 16th Annual Meeting of the American Society for Bioethics and Humanities, October 16-19, 2014, San Diego, CA.
 - 12 Antiel, RM, Lorish, P, Bishop JP, **Hall DE**. Ethics and Emergence: The Facts of the Case. 4th Annual Conference on Medicine and Religion, March 6-9, 2015, Boston, MA.
 - 13 Klune, R, Feske, U, Stone, R, Hanusa B, Gao S, Zhang S, Ling, B, Lidz, C, Switzer, G, Dobalian A, Arnold, R, **Hall, DE**. Prioritizing initiatives for institutional review board (IRB) quality improvement. 39th Annual Meeting of the Association of VA Surgeons, May 3-5, 2015, Miami Beach, FL.
 - 14 **Hall, DE**, Ling, BA, Feske, U, Gao, S, Stone, R, Zhang, S, Arnold, RM. Systematic bias against expedited review procedures across Institutional Review Boards (IRBs) in the Veterans Health Administration (VHA). American College of Surgeons' 2015 Clinical Congress (October 4-8), in Chicago, IL.
 - 15 **Hall, DE**. Practical Wisdom Provides Ethical Justification for the Negotiation and Enforcement of Surgical Buy-in. American College of Surgeons' 2015 Clinical Congress (October 4-8), in Chicago, IL.
 - 16 Johanning, JM, **Hall, DE**, Arya, S, Schmid, KK, Baser, C, Carlson, MA, Provenance, G, Bockman, T, Lynch, TG. Frailty Screening Initiative Improves Mortality at 30, 180, and 360 Days. American College of Surgeons 2015 Clinical Congress (October 4-8) in Chicago, IL.
 - 17 **Hall, DE**, Ling, BA, Feske, U, Gao, S, Stone, R, Zhang, S, Zickmund, S, Arnold, RM, Lidz, C. Describing the quality of review at 10 Institutional Review Boards (IRBs) in the Veterans Health Administration (VHA). 17th Annual Meeting of the American Society for Bioethics and Humanities, October 22, 2015, Houston, TX.
 - 18 Moreno JD, **Hall DE**, Antiel RM, Koski G. Ethical issues in surgical innovation and research, a panel session at the 17th Annual Meeting of the American Society for Bioethics and Humanities, October 22, 2015, Houston, TX.
 - 19 **Hall DE**, Feske U, Gao, S, Stone, R, Zhang, S, Arnold, R. The time required to review research protocols at 10 IRBs in the Veterans Health Administration. 11th Annual Academic Surgical Congress, February 2-4, 2016, Jacksonville, FL.
 - 20 Freeman, M, Varley, P, **Hall DE**, Lynch, T, Edes, T, Schmid, KK, Arya, S, Purviance, G, Wilson, M, Malhotra, G, Johanning, J. Feasibility of a rapid, objective multi-metric frailty

- assessment for clinical practice settings. 40th Annual Meeting of the Association of VA Surgeons, April 9-12, 2016, Virginia Beach, VA.
- 21 **Hall DE**, Purviance, G, Prelerson, J Schmid, KK, Varley, P, Arya, S, Lynch, T, Johanning, J. Preliminary validation of the Risk Analysis Index (RAI) of frailty. 40th Annual Meeting of the Association of VA Surgeons, April 9-12, 2016, Virginia Beach, VA.
 - 22 Tucker P, Flink B, **Hall DE**, Johanning J, Clevenger C, Tomolo A, Arya S. Implementation of a RAI-Frailty Screening within a Local VA Vascular Clinic: A Quality Improvement Initiative. Poster presentation at the 3rd Annual Advancing Healthcare Quality Research at Emory University Forum, May 16th 2016 Atlanta, GA.
 - 23 Tucker P, Flink B, Varley P, **Hall DE**, Johanning J, Clevenger C, Tomolo A, Arya S Utilization and Standardization of a RAI-Frailty Screening Across Multi-Disciplinary Surgical Clinics: A Quality Improvement Initiative. VA Quality Scholars Summer Institute, August 2-5, 2016, Houston, Texas.
 - 24 Leslie P, **Hall DE**, Wright R, Terry MA. Moral distress: dual identities of health care professionals working with people with dysphagia. 25th Anniversary Dysphagia Research Society 2017 Annual Meeting, March 2 - 4, Portland, Oregon.
 - 25 Mady LJ, Nilsen ML, Borrebach J, Albergotti WG, Hall DE, & Johnson, JT. The Role of Frailty in Assessing Mortality Inside and Outside the Operating Room (Poster Presentation). The Triological Society Combined Sections Meeting, January 18-20, 2018, Scottsdale, AZ.
 - 26 McDonnell J, Varley, PR, **Hall, DE**, Marsh, JW, Geller, DA, Tsung, A. Comparing Frailty Scales to Guide Creation of a Multi-dimensional Assessment for Surgical Patients. 13th Annual Academic Surgical Congress, January 31, 2018. Jacksonville, FL.
 - 27 Shah, R., Attwood, K. Arya, S., **Hall, DE**. Johanning, JM, Massarweh, NN. Impact of Frailty on Failure to Rescue After Low Risk and High Risk Inpatient Surgery. 13th Annual Academic Surgical Congress, January 31, 2018. Jacksonville, FL.
 - 28 Arya, S., Perez, S., Tucker, P., **Hall DE.**, Johnson, TM, III., Johanning, JM. Assessment of Risk Analysis Index in Prediction of Mortality, Major Complications and Length of Stay in Vascular Surgery Patients. 2nd Annual Meeting of the Vascular and Endovascular Surgery Society, February 1-4, 2018 , Vail, Colorado.
 - 29 Varley, PR, **Hall, DE**, Ahrendt, SA, Brazovich, ME, Celebrezze, JP, Choudry, HA, Evans, S, Hogg, ME, Holder-Murray, J, Holtzman, M, Lee, KK, Marsh, W, Salgado, J, Rubin, JT, Tsung, A, Zureikat, AH, Medich DS, Geller, DA, Zeh, HJ, Bartlett, DL, Pingpang, JF. Implementation of a standardized frailty assessment identifies patients at risk for prolonged length of stay and discharge to an extended care facility. Society of Surgical Oncology Annual Cancer Symposium, March 15-18, 2018, Seattle, WA.
 - 30 Moravec B, Milanuk M, Freeman M, Grove T, Swanson H, DeVries M, Arya S, **Hall, DE**, Schmid K, Johanning. Grip strength and walk speed but not timed up and go correlate with total psoas area. 42nd Annual Meeting of the Association of VA Surgeons, May 5-8, 2018, Miami Beach, FL.
 - 31 Varley PR, Arya S, Youk A, Schmid KK, Johanning JM, Varley, PR, **Hall, DE**. Recalibration of the Risk Analysis Index of Frailty Significantly Improves Predictive Performance Among Surgical Patients. 42nd Annual Meeting of the Association of VA Surgeons, May 5-8, 2018, Miami Beach, FL.

- 32 Schell A, Baniak L, **Hall DE**, Soose R, Strollo P. The Relationship Between Frailty and Sleep-Disordered Breathing in an Otolaryngology-Based Sleep Population. 32nd Annual Meeting of the Associated Professional Sleep Societies, June 2-6, 2018, Baltimore, MD.
- 33 Stern J, Arya S, **Hall DE**, Johanning JM, Trickey A, Blum K, Hawn M. Interaction of Frailty and Post-Operative Complications on Unplanned Readmission Following Elective Outpatient. American College of Surgeons 2018 Clinical Congress (October 21-25) in Boston, MA.
- 34 Borrebach, JD. Bilderback, A. Bellon, J. Wisniewski, MK. Massarweh, NN. Varley, P. Shinall, M Jr. Arya, S and **Hall, DE**. Association of Risk Assessment Index (RAI) and Operative Stress Score (OSS) with 365-Day Mortality Indicates Significantly Higher Mortality Among Frail Patients after Low, Medium and High Stress Surgery. Academy Health 2019 Annual Research Meeting, June 2-4, 2019, Washington, D.C.
- 35 Kennedy KA, Allsup K, Byard T, **Hall DE**. A Pilot Study: Impact of prehabilitation prior to cardiothoracic surgery to increase physical function. 34th Annual Meeting of American Association of Cardiovascular and Pulmonary Rehabilitation, September 18-21, 2019, in Portland, OR.
- 36 Goldschmidt E, Agarwal N, Taylor T, Altieri Dunn SC, Bilderback A, Snyderman SH, Friedlander R, Gardner P, **Hall DE**. Impact of Frailty on Outcomes following Endoscopic Endonasal Skull Base Surgery: A Prospective Cohort Analysis of 152 Patients. NASBS 2020, Feb 7-9, 2020, San Antonio, TX.
- 37 George EL, Arya S, Youk A, Kashikar A, Chen R, Trickey AW, Shinall MC, Massarweh NN, JM Johanning, **Hall DE**. "Frailty Confers High Mortality Risk in Low-, Moderate- and High-Surgical Risk Specialties." Presented as an Oral Presentation at the Plenary Session of the 15th Annual Academic Surgical Congress. February 4-6, 2020. Orlando, FL.
Mentee Elizabeth George was honored with the Best Resident Outcomes Research Award and Best Resident Research Presentation Award at the 2020 Academic Surgical Congress for her plenary session presentation and abstract.
- 38 Agarwal, N., Goldschmidt, E., Taylor, T., Roy, S., Altieri Dunn, S.C., Bilderback, A., Friedlander, R.M., Kanter, A.S., Okonkwo, D.O., Gerszten, P.C., Hamilton, D.K., **Hall, D.E.** Impact of Frailty on Outcomes following Elective Spine Surgery: A Prospective Cohort Analysis of 668 Patients. 36th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Spine Summit, General Spine Surgery 2 Abstract Breakout Session. Las Vegas, NV. March 5-8, 2020.
- 39 Yip L, **Hall DE**, Recker A, McCoy K, Carty S. Changes in Frailty Following Parathyroid and Thyroid Surgery. American Association of Endocrine Surgeons, 41st Annual Meeting. April 4, 2020, Birmingham, AL (Cancelled due to pandemic).
- 40 George E, **Hall DE**, Youk A, Chen R, Kashikar A, Trickey AW, Shireman P, Shinall MC, Massarweh NN, Johanning J, Arya S. Patient frailty and postoperative mortality after non-cardiac surgery – does specialty matter? 2020 Annual Meeting of the Association of VA Surgeons, Pittsburgh, PA, April 19-21, 2020 (Cancelled due to pandemic).
- 41 Saleem M, Reitz KM, Varley PR, Liang NL, You T, McEnaney R, Meyer J, **Hall DE**, Kettering C, Tzeng E. Optimal Medical Therapy Varies by Risk Factors for Cardiovascular Disease Among Veterans Evaluated in Vascular Surgery Clinic. Accepted for AVAS podium presentation. Pittsburgh, PA, 2020 April. (Cancelled due to pandemic).

- 42 Varley PR, O'Halloran P, Bilderback A, Wisniewski MK, Massarweh NN, Arya S, Nelson JB, Johnson, J, Johanning JM, **Hall DE**. System-Wide, Prospective Frailty Screening is Associated with Reduction in the Rate of 1-year Mortality Following Elective Surgery. American College of Surgeons 2020 Clinical Congress, Oct 4-8, 2020 (Virtual).
- **Excellence in Research Award** in the Health Services Research category.
- 43 Pandalai PK, Johanning JM, Youk A, Varley PR, Massarweh NN, Arya S, **Hall DE**. Evaluation of the Risk Analysis Index with Addition of Clinically Relevant Biomarkers: Improved Discrimination but worth the Cost? American College of Surgeons 2020 Clinical Congress, Oct 4-8, 2020 (Virtual).
- 44 Schlegel C, Shinall MC, Varley PR, Youk A, Hoehn R, **Hall DE**. Assessment of the Risk Analysis Index for Measuring Frailty in Surgical Oncology Patients. American College of Surgeons 2020 Clinical Congress, Oct 4-8, 2020 (Virtual).
- 45 Yan Q, **Hall DE**, Shinall MC, Stitzenberg KB, Kao LS, George E, Youk A, Sharma D, Wang C, Shireman PK. Association of Patient Frailty and Operative Stress With Postoperative Mortality - No Such Thing as Low-Risk Surgery in Frail Adults. American College of Surgeons 2020 Clinical Congress, Oct 4-8, 2020 (Virtual).
- 46 Khan S, Stivason J, Pollock T, **Hall DE**, Donohoe M, Alarcon L, Nelson J, Holder-Murray J. Physician-Led Systematic Mortality Reviews Identify Goals of Care Discussions as the Major Opportunity to Reduce Hospital Mortality in Two Major Academic Medical Centers. American College of Surgeons 2020 Clinical Congress, Oct 4-8, 2020 *Journal of the American College of Surgeons* 231(4):S145. DOI: 10.1016/j.jamcollsurg.2020.07.734. (Virtual).
- 47 Ormand E, Borrebach J, Altieri-Dunn S, Bilderback, A, van London JG, **Hall DE**. Using the Risk Assessment Index to predict mortality and quality of life in breast and gynecologic cancer patients. American Society of Clinical Oncology Quality Care Symposium. October 10, 2020 (Virtual).
- 48 Reitz KM, Varley PR, Youk A, Shinall MC, George E, Tzeng, E, Shireman PK, **Hall DE**. The relationship between operative stress, patient frailty, and financial reimbursement. 141st Annual Meeting of the American Surgical Association April 15-16, 2021 (Virtual).
- This abstract was awarded 3rd prize overall.
- 49 Reitz KM, Hall DE, Makaroun M, Tzeng E, Liang NL. Equivalent perioperative outcomes among younger, low risk Veterans undergoing open or endovascular repair of abdominal aortic aneurysms. Association of VA Surgeons. April 25-26, 2021 (Virtual).
- 50 George, E; Massarweh, N; Youk, A; Reitz, K; Shinall, M; Chen R; Trickey A; Varley P; Johanning J; Shireman, P; Arya, S; **Hall DE**. Comparing perioperative outcomes after noncardiac surgery across VA and non-VA hospitals. Association of VA Surgeons. April 25-26, 2021 (Virtual).
- This abstract was awarded 1st prize overall
- 51 Weill S, Layden A, **Hall DE**. Surgeons' Perceived Confidence with Shared Decision-Making Improved after Training in Best Case/Worst Case Scenario Planning. Association of VA Surgeons. April 25-26, 2021 (Virtual).
- 52 Safiullah SM, Esper SA, **Hall DE**, Ibinson JW. Mini-Cog test as a supplemental preoperative cognitive screening tool for Risk Analysis Index, 2021 Annual Meeting of the International Anesthesia Research Society, (Virtual) May 15-16, 2021

- 53 Harris A, Nelson M, **Hall DE**, Johnson J. Impact of Neck Disability on Flourishing in Head and Neck Cancer Survivors. AHNS 10th International Conference on Head and Neck Cancer, Chicago, IL July 22-25, 2021.
- 54 Yip L, **Hall DE**, Recker A, McCoy K, Carty S. Changes In Frailty Following Parathyroid And Thyroid Surgery. Central Surgical Association (CSA) & Midwest Surgical Association (MSA) 2021 Annual Meeting, Chicago, IL, July 25-27, 2021.
- 55 Li SR, Handzel RM, Shapiro K, Tonetti D, Rosengart MR, Hall DE, Seymour C, Tzeng E, Reitz KM. Consensus Current Procedural Terminology Code Definition of Source Control for Sepsis: A Modified Delphi Procedure. Surgical Infection Society meeting. Denver, CO. Aug, 2022.

6. ABSTRACTS (not published in Scientific Journals)

1. **Hall DE**, Berlin, A, “Case 4” presented as part of the 2013: Ethics Colloquium: End of Life Issues in Surgery given at the Annual Meeting of the American College of Surgeons, Washington, DC, October 8, 2013.
2. Morales A, Fanning J, Barnato A, **Hall DE**. Practices in End of Life Care: Exploring the Contribution of Specialty Culture. Vanderbilt Research Immersion Capstone. December 14, 2017, Nashville, TN.
3. **Hall, DE**. “The UPMC Surgical Pause”. Symposium for Surgical Palliative Care. Boston, MA, October 23, 2018.
4. McNamara LM, Okoniewski WE, Maurer SH, **Hall DE**, Moehling K, Schenker Y. “Give them the door but don’t push them through it”: Family Attitudes Toward Physician Led Spiritual Care. Department of Medicine Annual Research Day, University of Pittsburgh. April 30, 2019.
5. Bezak KB, Wisniewski MK, Adler P, Arnold RM, Weinberg R, Stoneburner M, Stumpf M, Milliken C, Yobbi, D, Sullivan C, Sackrowitz R, Farone F, **Hall DE**. Aligning Goals of Care via Telehealth Increases Goal-Concordant Care for Critically Ill Patients in the Emergency Department, the Tele-Goals of Care (TeleGOC) Pilot, 19th Annual Department of Medicine Research Day, University of Pittsburgh, Pittsburgh, PA, April 27, 2021
6. Weil SR, Layden AJ, Nabozny MJ, Leahy J, Claxton R, Zelenski AB, Zimmerman C, Childers J, Arnold RM, **Hall DE**. Surgeons Perceived Confidence with Shared Decision-Making Improved after Training in Best Case/Worst Case scenario Planning, 19th Annual Department of Medicine Research Day, University of Pittsburgh, Pittsburgh, PA, April 27, 2021
7. Reitz KM, Althouse AD, Meyer J, Arya S, Goodney PP, Shireman PK, **Hall DE**, Tzeng E, Association between smoking and postoperative complications following open and endovascular interventions for intermittent claudication. 2021 VA Pittsburgh Healthcare System Research Week, Pittsburgh, PA, May 7, 2021
8. Reitz KM, Varley PR, Liang NL, Youk A, George EL, Shinall MC, Shireman PK, Arya S, Tzeng E, **Hall DE**. The correlation between case total work Relative Value Unit, operative stress and patient frailty. Nineteenth Annual Department of Surgery Research Day, University of Pittsburgh, Pittsburgh, PA May 12, 2021.

PROFESSIONAL ACTIVITIES

TEACHING

Medical Student Teaching:

- 2015-present General Medicine Clerkship, Ethics Sessions: Each month I lead a 60 minute case discussion on ethics based on student experiences during their internal medicine clerkship at the VA Pittsburgh Healthcare System. Each session contains 3-8 students depending on the number of students rotation through the medicine clerkship.
- January 28, 2020 Religion, Medicine, Research and the Limits of Human Frailty: Hour long discussion led with the local chapter of the CMDA for 8 students.
- January 23, 2020 The Surgical Pause and Frailty: 2 hour lecture and discussion with 30 medical students and faculty as part of the Geriatrics Area of Concentration interest group monthly meeting. This was reportedly their best attended event in memory.
- 2010-2018 Surgical Ethics for Surgical Clerkship: I taught regular 90 minute Socratic method seminars on surgical ethics to all medical students rotating through their surgical clerkship. Sessions were held on 5 days throughout the year with two separate groups each day. Each group usually had 15 students per session, and over the course of the year I taught all the 3rd year students. They prepared a written ethical analysis which I reviewed before each session. Evaluations were consistently “outstanding” or “excellent”. Some have described it as “the best ethics sessions I have ever had”.
- April 17, 2018 Breaking Bad News: A half day communication training on discussing goals of care at end of life with patients and families. Training used standardized patients, and was offered as part of “surgery boot camp” for 8 students accepted into surgical residencies.
- 2010-2017 FAST Advisor: Faculty and Students Together is a program for incoming first year medical students linking them to a faculty member to work together in small, informal groups to ease the transition to medical school and life as a physician. Faculty participation is by invitation based on student reviews. On average, this involves 5 first year and 2 second year students with close to 20 contact hours each year. I was repeatedly recognized as an excellent exemplar by my students, and was asked to return each year.
- 2012-2014 Compassion and Medicine Faculty Advisor

What began as a single student's request to gather colleagues to discuss compassion in medicine has become a series of discussions on the topic facilitated by faculty in their homes over the course of the school year. I hosted discussions in my house, and I served as an advisor to the student leadership. I was delighted that the program continued for a second year through 2014. Approximately 15 students and 6 contact hours per year.

July 21, 2013 Compassion and Medicine: Hosted a dinner discussion at my house with 6 medical students to discuss the broad theme of compassion in medicine (3 hours).

Spring Term 2013 Directed Reading on Compassion and Medicine: I supervised a semester-long directed reading for the Bioethics Program (BIOETH 2902) for fourth year medical student, Timothy Depp. Together we developed a bibliography on the subject of "compassion in medicine", reviewing and summarizing the literature with critical insight. Dr. Depp prepared manuscripts but never submitted for publication.

Sep 15, 2012 Compassion and Medicine: Hosted a dinner discussion at my house with 10 medical students to discuss the broad theme of compassion in medicine (3 hours).

Graduate Student Teaching:

May 22, 2019 Informed Consent in the Context of Palliative Care: Invited lecturer for 2 hour seminar of issues of informed consent particular to palliative care and palliative care research. Part of Research Methods in Palliative Care (CLRES 2610) taught by the University of Pittsburgh Institute for Clinical Research Education.

March-April 2018 Technocracy and Virtue: Creating a Culture of Health: Co-taught with Grant Martsolff an interdisciplinary lecture series and panel lecture aimed at critical appraisal of the Robert Wood Johnson "Culture of Health". Panelists included Jeffrey Bishop, Tyler Vanderweele, and Tamara Dubowitz (April 16, 2018).

April 5, 2018 Informed Consent in the Context of Palliative Care: Invited lecturer for 2 hour seminar of issues of informed consent particular to palliative care and palliative care research. Part of Research Methods in Palliative Care (CLRES 2610) taught by the University of Pittsburgh Institute for Clinical Research Education.

- May 17, 2017 Informed Consent in the Context of Palliative Care: Invited lecturer for 2 hour seminar of issues of informed consent particular to palliative care and palliative care research. Part of Research Methods in Palliative Care (CLRES 2610) taught by the University of Pittsburgh Institute for Clinical Research Education.
- April 27, 2016 Informed Consent in the Context of Palliative Care: Invited lecturer for 2 hour seminar of issues of informed consent particular to palliative care and palliative care research. Part of Research Methods in Palliative Care (CLRES 2610) taught by the University of Pittsburgh Institute for Clinical Research Education.
- April 20, 2016 Religion, Spirituality, and Health: Invited lecturer for 2 hour seminar on the empirical and practical relationship between religion and health. Part of graduate seminar taught by Katherine Verdolini Abbot. Course number: CSD 3479, School of Health and Rehabilitation Sciences.
- February 29, 2016 Session 6: Informed Consent: Invited lecturer for 2 hour seminar on the ethics of informed consent for research, taught as part of the Institute for Clinical Research Education's required course CLRES 2050 Ethics and Responsible Conduct of Research.
- 2015-2016 Dissertation Committee for Paula Leslie: Served on for Paula's committee for her dissertation project for her Masters in Bioethics degree, granted by the University of Pittsburgh Center for Bioethics and Health Law. 1 student 20 contact hours.
- April 22, 2015 Informed Consent in the Context of Palliative Care: Invited lecturer for 2 hour seminar of issues of informed consent particular to palliative care and palliative care research. Part of Research Methods in Palliative Care (CLRES 2610) taught by the University of Pittsburgh Institute for Clinical Research Education.
- February 27, 2015 IRB Efficiency and Quality: How to use Quality Improvement Methods to Inform Bioethics Inquiry: Invited lecture for a 90 minute seminar for the Fogarty Fellows visiting from China and studying at the Pitt Center for Bioethics and Health Law.
- April 11, 2014 Informed Consent in the Context of Palliative Care: Invited lecturer for 90 minute seminar of issues of informed consent particular to palliative care and palliative care research. Part of Research Methods in Palliative Care (CLRES 2610) taught by the University of Pittsburgh Institute for Clinical Research Education.

- May 15, 2013 Informed Consent in the Context of Palliative Care: Invited lecturer for 90 minute seminar of issues of informed consent particular to palliative care and palliative care research (7 students). Part of Research Methods in Palliative Care (CLRES 2610) taught by the University of Pittsburgh Institute for Clinical Research Education.
- March 30, 2010 Religion, Spirituality, Medicine and Research: Invited lecturer for seminar at University of Pittsburgh School of Public Health class on racial disparities taught by Asst Professor, Mary Garza, PhD.
- March 17, 2009 Religion, Spirituality, Medicine and Research: Invited lecturer for seminar at University of Pittsburgh School of Public Health class on racial disparities taught by Asst Professor, Mary Garza, PhD.

Undergraduate Student Teaching:

- Spring 2005 Theology and Medicine: Preceptor and lecturer for spring semester undergraduate seminar at Duke University, Durham, NC. 35 students; 25 contact hours

Resident and Fellow Teaching:

- October 22, 2020 Progressive Curriculum in Ethics, Communication and Palliative Care: Medical Error, Mapping Values, and Advance Care Planning. Coordinated 2 hour interactive remote-taught session with Drs. Forsythe, Claxton, Podgurski and Bezak, divided by junior and senior residents to discuss difficult cases (seniors, 1-hour), disclosure of medical error (seniors, 1-hour), mapping & aligning values (juniors, 1-hour), and determining and documenting code status and advance care planning (juniors, 1-hour).
- September 9, 2020 Progressive Curriculum in Ethics, Communication and Palliative Care: Difficult Cases, What is Hospice? Nuts and Bolts of Dying, & CMO. Coordinated 2 hour interactive remote-taught session with Drs. Forsythe, Arnold, Weinberg and Bezak, divided by junior and senior residents to discuss difficult cases (seniors, 1-hour), the nuts and bolts of dying and CMO (juniors, 1-hour), and hospice (all residents, but in stratified groups with half hour online module and half hour discussion).
- February 5, 2020 Burnout, Symptom Management, Running a Family Meeting, and Clarifying Goals: Coordinated a 2 hour interactive session divided by PGY year co-taught with Drs. Forsythe, Sands, Claxton, Arnold and Schell to teach junior residents (20) about physician burnout (1 hour) and non-opioid symptom management (1 hours), and senior residents (15) about running family meetings (1 hour) and goal elicitation and clarification (1 hour).

October 9, 2019	<u>Best Case Worst Case:</u> Two hour interactive session for 15 neurosurgical residents teaching essential communication skills of surgical scenario planning and breaking bad news.
January 20, 2019	<u>Best Case Worst Case:</u> Three hour interactive session for 30 general residents teaching essential communication skills of surgical scenario planning and breaking bad news.
December 11, 2018	<u>Best Case Worst Case:</u> Two hour interactive session for 25 ENT residents teaching essential communication skills for surgical scenario planning.
September 20, 2017	<u>Mapping The Future: Communication Skills:</u> A half day communication training for 8 residents on discussing goals of care at end of life with patients and families. Training used standardized patients.
January 23 & 30, 2017	<u>Surgical Frailty: What is it and what can we do about it?:</u> Two 30 minute lectures at the UPMC ENT Morbidity and Mortality conference.
June 21, 2016	<u>The Geriatric Patient: Operative VS Non-Operative Management:</u> 60 minute lecture as part of the weekly Trauma Conference discussing the concept of frailty, its diagnosis and management in the context of trauma surgery.
August 13, 2015	<u>Ethics for Surgical Oncologists:</u> 90 minute lecture and small group discussion on medical ethics for the Surgical Oncology Fellowship. Topics covered included: ADs, POA, Living will, decision making capacity, informed consent, palliative care, practical wisdom.
March 25 & April 1, 2015	<u>Surgical Ethics for Residents:</u> 60 minute didactic and Socratic sessions on basic topics in surgical ethics.
July 24, 2013	<u>Ethics for Surgical Oncologists:</u> 90 minute lecture and small group discussion on medical ethics for the Surgical Oncology Fellowship. Topics covered included: ADs, POA, Living will, decision making capacity, informed consent, palliative care, practical wisdom.
March 27, 2013	<u>Surgical Ethics for Residents:</u> 90 minute didactic and Socratic sessions on basic topics in surgical ethics: confidentiality, truth telling, competition of interests, end of life decisions.

- December 12, 2012 Surgical Ethics for Residents: 90 minute didactic and Socratic sessions on basic topics in surgical ethics: informed consent, surrogate decision making, decision making capacity, and advanced directives.
- January 2012-June 2012 Mentoring Residents in Surgical Ethics: I met every week with a surgical resident for one on one Socratic method teaching on surgical ethics. Residents prepared a clinical case and learned to analyze its ethical content.
- January 18, 2012 Surgical Ethics for Otolaryngology: Taught a 90 minute session on surgical ethics for ENT residents.
- July 27, 2011 Ethics for Surgical Oncologists: 90 minute lecture and small group discussion on medical ethics for the Surgical Oncology Fellowship.
- August-December 2009 Surgical Ethics: Taught a series of 4 seminars on the ethics of surgery and moral judgment to the University of Pittsburgh General Surgery Residency Program as part of the required curriculum.
- May 19, 2009 Ethics Seminar for MD/PhD Students: Taught special 2 hour seminar on the ethical issues of religion and spirituality in the context of clinical medicine. Attended by 16 MD/PhD students as part of their elective in medical ethics.
- September 2007-2009 Resident Journal Club: Weekly journal club for lab residents (PGY 4-5) reviewing and critiquing literature. 90 minutes each sessions, approximately 15 sessions total.
- September 2007 Anatomy and Bedside Procedures for ED Docs: Precepted a 3 hour session for 12 Emergency Medicine residents with fresh cadaver.

Faculty Development Teaching:

- October 29, 2020 Best Case Worst Case: Four hour interactive session for anesthesiologists in the UPMC Center for Perioperative Care teaching essential communication skills of surgical scenario planning and breaking bad news
- September 8, 2020 Best Case Worst Case: Four hour interactive session for 4 anesthesiologists in the UPMC Center for Perioperative Care teaching essential communication skills of surgical scenario planning and breaking bad news

- September 8, 2020 Advance Care Planning: Four hour interactive session for 4 staff NP/PAs in the UPMC Center for Perioperative Care teaching essential communication skills for Advance Care Planning.
- February 20th, 2020 Disclosing Medical Error: Workshop for the Rita M. Patel GME Leadership Conference, Pittsburgh, PA, With Amanda Brown and Barbara Nightingale led two interactive workshops to faculty peers introducing a framework to disclose medical errors; 45 learners; 90 minutes each session.
- December 17, 2019 Best Case Worst Case: Four hour interactive session for 3 staff NP/PAs in the UPMC Center for Perioperative Care teaching essential communication skills for Advance Care Planning.
- September 23, 2019 Best Case Worst Case: Four hour interactive session for 4 staff NP/PAs in the UPMC Center for Perioperative Care teaching essential communication skills for Advance Care Planning.
- September 16, 2019 Best Case Worst Case: Four hour interactive session for 3 staff anesthesiologists in the UPMC Center for Perioperative Care teaching essential communication skills of surgical scenario planning and breaking bad news.
- September 5, 2019 Best Case Worst Case: Four hour interactive session for 4 staff anesthesiologists in the UPMC Center for Perioperative Care teaching essential communication skills of surgical scenario planning and breaking bad news.
- September 6, 2017 Mapping the Future: Communication Skills: A half day communication training on discussing goals of care at end of life with patients and families. Training used standardized patients. Students included attending physicians from Critical Care Medicine.
- March 31, 2017 Ethical Issues in Caring for Diverse Patient Populations: Panel speaker for the 34th Annual Medical Ethics Update and Messer Lecture, University of Pittsburgh Center for Bioethics and Health Law, Pittsburgh, PA.
- September 28, 2013 Surrogate Decision Making: Principles, Practice and Problems: Faculty lecturer for the Fall Retreat of the University of Pittsburgh Consortium Ethics Program, Wheeling, WV.

- September 27, 2013 Informed Consent: Advanced Track: Faculty lecturer for the Fall Retreat of the University of Pittsburgh Consortium Ethics Program, Wheeling, WV.
- October 2, 2010 Balancing Professional and Personal Time: Faculty lecturer for the Association of Academic Surgeons Career Development Course, Washington, DC.
- April 16, 2010 Theological Ramifications of Defining Death: Panel coordinator and speaker for the 27th Annual Medical Ethics Update and Messer Lecture, "The President's Council White Paper: Where do we go from here?" University of Pittsburgh Center for Bioethics and Health Law, Pittsburgh, PA.

Curriculum Development/Teaching Products/Media Products:

<u>Years</u>	<u>Curriculum Title and Description</u>
2019-present	<u>Communication Skills and Ethics for Surgeons:</u> With colleagues Robert Arnold and Raquel Forsythe we have developed an integrated, progressive curriculum for communications skills and ethics; development and initial instruction paused by Covid-19.
2012	<u>Surgical Ethics for Residents:</u> Developed a 90 minute Socratic method session aimed at teaching basic topics in ethics to surgical residents and fellows
2009	<u>Surgical Ethics:</u> Developed a 4-session curriculum for surgical residents taught over the year on basic ethics topics. Curriculum evaluation was published in <i>Am J Surgery</i> (Pragatheeshwar), above.

Mentoring:

<u>Years</u>	<u>Mentor Role/Context</u>	<u>Name of Mentee</u>	<u>Mentee Achievements</u>
2008-2009	Assisted in preparation of manuscript for publication; advised on applying for surgical residency.	Jenna Caporaso, Med Student	Published an abstract entitled, "Most patients sign generic consent-to-treat forms without having read them ".
2006-2009	Occasional meetings to advise on medical school and integration with religious belief.	Nicole Sharilla, Med Student	Successful integration of medical school and religious belief.

2008-2009	Advice on possible research careers in medicine and ethics; co-wrote chapter on ethics for surgery text.	Thomas McDonald, Med Student	Co-wrote above chapter on ethics for surgery text, entitled, "Ethical Issues in the Practice of Surgical Oncology."
2009	Pre medical student interested in pediatric surgery. Advised on undergraduate career and arranged visit with me to OR.	Caroline King, College Student	Successful admission to medical school; note of thanks.
2010	Career counseling in ethics after BA and before graduate studies.	Eli Horowitz, College Student	Successful advancement of career and admission to graduate school
2007-2013	Advised regarding interest in ethics.	Pragatheeswar Thirunuvakarasu, MD (surgery resident)	Assisted with grant application for Kamangar award for teaching ethics; assisted with IRB approved research education teaching. Published together in <i>Am J. Surgery</i> .
2009-2012	Served as faculty advisor for medical school scholarly project on measuring the association between religious practice and several character traits among dialysis patients.	Stephen Pichler, Med Student	Completed complex study, passed scholarly project, drafted publishable manuscript, but he did not follow through with submission.
2010-2012	Served as secondary mentor (with Dr. Matthew Rosengart) for medical school scholarly project assessing the impact of pastoral care consults on pain after trauma.	Keerat Singh, Med Student	Successful completion of scholarly project
2012-2013	Served as mentor and faculty advisor for a medical school mini-elective "Compassion in Medicine". Also supervised a directed reading on theology and medicine	Timothy Depp, Med Student	Successfully completed "Compassion in Medicine" mini-elective, and for-credit directed reading. Remained in touch through his residency as mentor and advisor.
2013-2014	Faculty advisor and mentor for a longitudinal series of discussions on compassion and	Carson Adams, Med Student	Successfully completed the series of discussions as an unofficial mini-elective for

	medicine between faculty and 3rd and 4th year medical students.		clinical years. Sessions lasted for 2 years.
2016-2019	Faculty advisor and mentor for seminar thesis and transfer to St. Louis University	Benjamin Bravo, Graduate Student in Medical Ethics	Successful transfer to St. Louis University, and refocusing of his career aspirations.
2015-2020	Auxiliary mentor for her scholarly project on religion and medicine, culminating in joint publication.	Laura McNamara, Medical Student	Published "Give them the door but don't push them through it": Family Attitudes Toward Physician-Led Spiritual Care in Pediatric Palliative Medicine' article (see above).
2015-present	Worked closely with Patrick to develop several projects aimed at assessing and intervening on surgical frailty.	Patrick Varley, Surgical Resident & Fellow UPMC 2015-2020 Assistant Professor, University of Wisconsin, 2020-present.	Published several papers together (above) and successfully mentored him to initial faculty appointment and continue advising for career development. <i>Abstract "System-Wide, Prospective Frailty Screening is Associated with Reduction in the Rate of 1-year Mortality Following Elective Surgery" was selected for an Excellence in Research Award in the Health Services Research category at the 2020 Clinical Congress of the American College of Surgeons</i>
2017-present	Faculty advisor for scholarly project on teaching Best Case/Worst Case Scenario Planning to surgical residents.	Sydney Weil, Medical Student	Scholarly project on pace for timely completion. Abstracts at 2021 AVAS and 2021 Dept of Medicine Research Day
2018-present	Faculty advisor working on analysis of frailty in head and neck cancer treated with and without surgery.	Leila Mady, Otolaryngology Resident	Poster presentation entitled, "The Role of Frailty in Assessing Mortality Inside and Outside the Operating Room." Full manuscript in preparation.

2019-present	Faculty advisor for scholarly project on examining care trajectories of frail patients with benign biliary disease.	Emily Mosher, Medical Student	IRB protocol submitted and pending approval. Scholarly project on pace. Abstracts at 2021 Department of Surgery Research Day
2019-present	Faculty advisor on several research projects pertaining to optimizing diabetes management in peripheral vascular disease, as well as analyzing operative stress, frailty and wRVUs.	Katherine Reitz, Surgical Resident	Multiple manuscripts in preparation. Grant proposal under revision. Abstracts accepted for podium presentation at 2020 ACS Clinical Congress and the 2020 & 2021 AVAS Annual Meetings (3 rd Prize overall 2021 AVAS)
2019-present	Faculty mentor on publication focused on the impact of frailty in skull-based surgery	Ezequiel Goldschmidt, Neurosurgical Resident	Oral presentation, entitled "Impact of Frailty on Outcomes following Endoscopic Endonasal Skull Base Surgery: A Prospective Cohort Analysis of 152 Patients." (see above) Full manuscript in preparation.
2019-2020	Faculty mentor on publication focused on the impact of frailty in spine surgery	Nitin Agarwal, Neurosurgical Resident	Abstract presentation, entitled, "Impact of Frailty on Outcomes following Elective Spine Surgery: A Prospective Cohort Analysis of 668 Patients." (see above) Full manuscript published.
2019-2020	Faculty mentor on publication focused on costs of frailty in UPMC Healthplan	Nayal Kahn, Otolaryngology Residents	Analysis in progress; manuscript pending. Data presented at CMS Grand Rounds January 22, 2020.
2019-present	Faculty advisor working on analysis of frailty in head and neck cancer treated with and without surgery.	Khalil Baddour, Otolaryngology Residents	Analysis in progress and manuscript in preparation
2019-present	Faculty mentor (secondary) on several manuscripts and analyses on surgical frailty. Mentorship shared with colleague Shipra Arya	Elizabeth George, General Surgery Resident, Stanford	Two abstracts accepted for podium presentations for which she won conference awards for Best Resident Outcomes Research Award and Best Resident Research Presentation Award at the 2020

			Academic Surgical Congress for her plenary session presentation and abstract (above) titled "Frailty Confers High Mortality Risk in Low-, Moderate- and High-Surgical Risk Specialties." High impact manuscripts in preparation. First prize overall 2021 AVAS Meeting.
2020-present	Faculty mentor on analysis and publication on frailty in plastic surgery.	Elizabeth Moroni, Plastic Surgery Resident	Pending
2020-present	Faculty mentor on analysis and publication on frailty in urological surgery.	David Miller, Urology Resident	Pending
2020-present	Faculty mentor on analysis and publication on frailty in oncological surgery.	Cameron Schlegel, Surgical Oncology Fellow	Abstract accepted in 2020 ACS Clinical Congress. Full manuscript pending.
2020-present	Faculty mentor on analysis and publication on frailty and social determinants of health in oncological surgery.	Richard Hoehn, Surgical Oncology Fellow	Full manuscript pending.
2020-present	Mentor to develop research career on surgical frailty	Prakash Pandalai, Surgical Oncology, University of Kentucky	Abstract accepted in 2020 ACS Clinical Congress. Full manuscripts pending for multiple projects
2020-present	Faculty mentor Preoperative Therapy to Enhance Postoperative Recovery in Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy: PrePaRe for CRS HIPEC	Carline Rieser, Resident, General Surgery, UPMC	Awarded intramural funding from the Department of Surgery.
2020-present	Mentor in developing skills and interest in teaching communication skills and developing resident curricula in palliative care	Katherine Hill, Resident, General Surgery, UPMC	Pending
2020-present	Mentor in quality initiatives aimed at delivering remote telepalliative care based on SafeNET score.	Karl Bezak, Assistant Professor, Palliative and	Abstract presented at 2020 Dept of General Internal Medicine research day; full manuscript in preparation

2021-present	Mentor in developing multidisciplinary prehabilitation protocol for vascular surgery	Supportive Care, UPMC Clint Clay, Assistant Professor, Vascular Surgery, University of Texas, San Antonio	Pending
2021-present	Mentor in developing research projects aimed at improving nurse staffing based on machine learning	Andrew Dierkes, Assistant Professor, School of Nursing, University of Pittsburgh	Submission submitted to the Pitt Innovation Challenge 2021

RESEARCH

Current Grant Support:

<u>Grant Number</u>	<u>Title</u>	<u>Role</u>	<u>Years</u>	<u>Source \$</u>
VA QUERI I50 HX003201-01: (Hall) QUERI Program Award (HX-19-020)	Implementing the Age-Friendly Health System in VHA: Using Evidence-based Practice to Improve Outcomes in Older Adults.	MPI 37.5% 4.5 Calendar Months	10/1/20-9/30/25	\$4,978,614

This proposal aims to implement 4 evidence based practices across the VISN4 region of the Veterans Health Administration intended to make it an Age Friendly Healthcare System. Dr. Hall is one of 3 co-PIs and will manage the Pittsburgh operations of the dual-site research team, and will be responsible for implementation of Frailty Screening at the Pittsburgh, Philadelphia, Wilkes-Barre, Lebanon and Wilmington VAMCs. Operational partners include the National Surgery Office and Geriatrics and Extended Care.

1U01TR002393-01 (Shireman) NIH/NCATS	Harnessing the Power of CTSA-CDRN Data Networks: Using Social Determinants of Health, Frailty and Functional Status to Identify At Risk Surgery Patients and Improve Risk Adjustment	Site-PI 6%	08/1/18-07/31/22	\$604,182
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Using the American College of Surgeons National Surgical Quality Improvement Project to study risk adjustment in postoperative outcomes using social determinants of health, frailty and functional status. Subawards include UT Health Houston and University of Pittsburgh (two additional sites) and University of Texas Austin (statistics and predictive modeling expertise). My role is Site-PI for the University of Pittsburgh.

1UG3DK114861 (Kellum) National Diabetes and Digestive and Kidney Diseases	Phenotyping REal Cases In Sepsis and surgery for Early Acute Kidney injury (PReCISE AKI)	Co-I 2.5% 0.3 Calendar Months	8/1/17- 06/30/22	\$26,750
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This project seeks to enroll patients with early AKI as part of the Kidney Precision Medicine Project (UG3/UH3 consortium), and in these patients aims to: (1) develop safe and ethical procedures for obtaining research kidney biopsies at the time clinically indicated laparotomy; (2) test the hypothesis that specific clinical phenotypes of AKI have differing biopsy findings; and (3) determine whether biopsy findings can predict early resolution and subsequent risk for CKD. My role is to provide ethical and surgical guidance regarding Aim 1.

R01 MD011678-01 (Borrero) National Institute of Minority Health and Health Disparities (NIMHD)	Developing and Testing a Decision Support Tool for Women Making Tubal Sterilization Decisions	Consultant	8/14/17- 04/30/22	NA
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The project seeks to build and test a novel, web-based decision support tool to optimize low-income women's ability to make informed and value-concordant decisions about tubal sterilization. My role is to provide expert ethics guidance regarding the decision-support tool and informed consent.

Pending Grant Support:

<u>Grant Number</u>	<u>Title</u>	<u>Role</u>	<u>Years</u>	<u>Source \$</u>
VA HSR&D I01HX003215: (Arya)	PAtient-centered mUltidiSciplinary care for vEterans undergoing surgery (PAUSE): a hybrid 1 comparative effectiveness- implementation trial	Co-I 12.5% 1.5 Calendar Months	7/1/21- 6/30/25	\$1,157,820

This study involves a stepped wedge randomized trial of frailty screening and interdisciplinary review at VAMCs in Palo Alto, Houston and Nashville. The primary aim is to test the effectiveness of the PAUSE trial intervention vs usual care in improving 30- and 180-day mortality, non-home discharge, rehospitalizations and home-time for patients undergoing surgical evaluation. Other aims examine how the intervention's effect is moderated and the contextual factors that influence the implementation of the intervention in surgical services.

VA HSR&D I01HX003095: (Shireman)	Understanding the Effect of Rurality and Social Risk	Co-I 25%	7/1/21- 12/31/25	\$1,200,000
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Factors on Barriers to Care and Surgical Outcomes. 3 Calendar Months

This study aims to identify social risk factors and levels of care fragmentation that affect surgical outcomes to inform VA quality metric policy and institutional resource allocation. In particular we aim to examine the impact of race, ethnicity, socioeconomic status and rurality on surgical outcomes, care fragmentation and resource allocation. Approach entails linking VASQIP data to other data sources, including geocoded addresses to which we can attribute census data regarding socioeconomic status.

VA CSR&D I01CX002150: (Tzeng)	Metformin Benefits Lower Extremities with Intermittent Claudication (MOBILE_IC)	Co-I 6.25% 0.6	10/1/21- 9/30/25	\$300,000
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Calendar Months

This is a clinical trial testing the ability of metformin therapy to improve walking performance in nondiabetic patients suffering from intermittent claudication in a quadruple blinded, placebo controlled clinical trial. Participants will be recruited at the VA Pittsburgh Healthcare System.

VA HSR&D 1I01HX003322: (Hall)	Improving surgical decision- making by measuring and predicting long-term loss of independence after surgery	PI 37.5% 4.5	9/1/21- 6/30/25	\$1,196,738
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Calendar Months

This study leverages unique VA data resources, including the Residential History File, to (1) characterize common trajectories of postoperative loss of independence (LOI) in the 365 days after to describe clinically meaningful heterogeneity in the patterns of healthcare utilization; (2) adapt the RAI to predict long-term loss of independence and explore alternative models for LOI prediction; and (3) explore key stakeholders' perspectives on how LOI risk prognosis might better align shared decisions about surgical treatment with patients' values and goals.

Prior Grant Support:

<u>Grant Number</u>	<u>Title</u>	<u>Role</u>	<u>Years</u>	<u>Source \$</u>
VA RR&D: I21 RX- 002562 (Hall)	Pilot testing a home-based prehabilitation intervention	PI 25%	10/1/17- 9/30/20	\$191,006
RR&D SPiRE Pilot Project	designed to improve outcomes of frail Veterans following cardiothoracic surgery.	3 Calendar Months		

This single-arm pilot study will examine the feasibility of a novel, home-based, multi-faceted prehabilitation intervention aimed at improving postoperative outcomes for frail Veterans undergoing major cardiothoracic surgery. 30 frail Veterans scheduled for surgery will receive a 4-week training regimen that begins in a monitored hospital-based setting and transitions to home-based training after safety is established. Training focuses on strength, balance,

inspiratory muscles and nutrition. A variety of intermediate and long-term outcomes will be assessed in preparation of a larger randomized trial to assess efficacy.

VA HSR&D: I21 HX-002345 (Hall) HSR&D Pilot Project	Pilot testing prehabilitation services aimed at improving outcomes of frail Veterans following major abdominal surgery.	PI 25% 3 Calendar Months	1/1/17- 9/30/18	\$99,998
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This randomized pilot study will examine the feasibility of a novel, multifaceted prehabilitation intervention aimed at improving postoperative outcomes for frail Veterans undergoing major abdominal surgery. 50 frail Veterans scheduled for surgery will be randomized to receive a 6-week long training regimen focused on strength, balance, inspiratory muscles and nutrition. A variety of intermediate and long term outcomes will be assessed in preparation of a larger randomized trial to assess efficacy.

VAHCS: XVA 72-909 (Hall) VISN4 Competitive Pilot Project Fund	Improving the perioperative care of frail Veterans considering elective surgery	PI 12.5% 1.5 Calendar Months	10/1/16- 9/30/18	\$49,999
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The aims of this pilot project are to (1) confirm the scientific rigor of the Risk Analysis Index (RAI) of frailty by (a) calibrating it for use in VA surgical populations; and (b) validating its performance in comparison with other risk prediction tools; and (2) identify appropriate outcome measures for surgical frailty in a convenience sample of VA Pittsburgh patients who are identified as frail and referred for a perioperative planning consult aimed at eliciting and reporting patient hopes, fears, expectations and goals in advance of potential surgical intervention.

University of Pittsburgh (Martsolf) Provost’s Year of the Healthy U Grant	Technocracy and Virtue: Creating a Culture of Health	Co-I 2.5% 0.3 Calendar Months	10/1/17- 5/31/18	\$3,550
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Intramural funding to support an interdisciplinary lecture series and panel lecture aimed at critical appraisal of the Robert Wood Johnson “Culture of Health” initiative.

University of Pittsburgh (Moehling) Provost’s Year of the Healthy U Grant	Technocracy and Virtue: Creating a Culture of Health	Co-I 2.5% 0.3 Calendar Months	10/1/17- 5/31/18	\$4,999
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Intramural funding to support an interdisciplinary lecture series, grand rounds, movie screening and medical school mini-elective focused on the relationships between religion, spiritual and health.

University of Pittsburgh (Hall) Interdisciplinary Humanities Grants	Exploring Religion and Spirituality with clinical faculty and students to provide more holistic healthcare	PI 5% 0.6 Calendar Months	10/1/17- 5/31/18	\$1,800
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Intramural funding to support an interdisciplinary lecture series, grand rounds, movie screening and medical school mini-elective focused on the relationships between religion, spiritual and health.

Beckwith Institute (Hall) Clinical Transformation Program	Measuring what matters to frail patients deciding for or against surgery	PI 5% 0.6 Calendar Months	7/1/16- 6/30/16	\$25,000
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This intramural quality improvement project will assess the quality of decision-making and patient satisfaction among a cohort of patients identified preoperatively as frail and thus referred to an interdisciplinary preoperative evaluation center as part of an ongoing UPMC quality improvement project.

VA HSR&D CDA 08-281(Hall) VA Career Development Award	Improving Surgical Informed Consent to Better Meet Patient Preference	PI 75% 9 Calendar Months	7/1/10- 6/30/15	\$1,471,665
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This Career Development Award aims to provide additional training and mentored research aimed at developing a leadership role in the field of surgical ethics. Research supported by this CDA focuses on the process of informed consent.

VA HSR&D SDR 11-399-1 (Hall) VA Research Best Practices Initiative	Describing Variations in IRB Efficiency, Quality and Procedures	PI 35% subsumed by CDA 08-281 4.2 Calendar Months	7/1/12- 12/31/14	\$766,858
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This Service Directed Research Award aims to improve the quality and efficiency of VA IRB review processes by modeling the process flow at 10 VA IRBs and measuring variation in IRB efficiency and quality.

Greenwall Foundation (Barnato)	Social Norms Governing ICU Triage for Critically Ill Elders with Terminal Illness	Co-I 3%	2011- 2012	\$95,217
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Kornfeld Program in Bioethics and Patient Care	0.36 Calendar Months
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The aim of this study is to understand how clinicians triage critically ill patients with concurrent terminal illness to ICU or palliative care. Analysis techniques include qualitative coding of patient-provider interactions with mixed-method quantitative analysis of coding.

NIH: R01 GM081510-03 VAPHS IRB#: 02822	SIS Multicenter study of duration of antibiotics for intra-abdominal infection	Co-I 3%	9/1/09- 12/31/11	Per patient fee
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0.36
Calendar
Months

The aims of this multi-center trial are to determine the optimal duration of antibiotic treatment after definitive control of intra-abdominal infection. My role focused on identifying and recruiting patients who met inclusion criteria.

Eli-Lily: F1K-MC- EVDP VAPHS IRB#: 02848	Efficacy and Safety of Drotrecogin Alfa (Activated) in Adult Patients with Septic Shock	Co-I 3%	9/1/09- 12/31/11	Per patient fee
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0.36
Calendar
Months

The aim of this study is to demonstrate that treatment with drotrecogin alfa (activated) reduces 28-day all-cause mortality in adult patients with septic shock compared with placebo. My role focused on identifying and recruiting patients who met inclusion criteria

VHA Systems Redesign T21 Initiative (Hall/Monte)	IRB Approval Process Improvement Pilot VA Pittsburgh Healthcare System	PI 5% 0.6	May-Sep 2011	\$63,000
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Calendar
Months

The goal of this initiative is to support the development and implementation of methods aimed at improving the quality and efficiency of IRB processes at the VA Pittsburgh Healthcare System.

VAHCS: LIP 72-043 (Hall) CHERP Pilot Project Program	Describing Different Cultural Perspectives on Surgical Informed Consent	PI 25% 3 Calendar Months	4/1/09- 3/31/10	\$31,570
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The aims of this pilot project are to qualitatively describe patient perspectives on the standardized iMedConsent process of surgical informed consent and to examine the role of race, ethnicity, and religion in patient perspectives on the standardized iMedConsent process of surgical informed consent.

VAHCS: XVA 72-057 (Hall)	Measuring Patient Perspectives on Surgical Informed Consent	PI 25% 3 Calendar Months	10/1/09- 9/30/10	\$49,998
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The aims of this pilot project are to (1) develop a survey instrument that quantitatively measures patient perspectives on the iMed informed consent process, and then estimate the instrument's initial psychometric properties; (2) measure the distribution of patient perspectives on the iMed informed consent process in a diverse sample of veterans who recently had a cholecystectomy or colectomy; and (3) examine whether patient perspectives on the iMed informed consent process differ between racial, ethnic, religious and age groups.

Washington University, St Louis, MO (Hall) Center for Ethics and Human Values	Kamangar Ethics Award	PI 2% 0.24 Calendar Months	2008- 2009	\$2,000
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This grant was given competitively to general surgery residency programs to assist with the implementation of curricula in surgical ethics.

NIH Loan Repayment Program (Hall) [No grant number available]	The influence of religion on medical decision making	PI 50% 6 Calendar Months	2003- 2005	\$50,000
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This competitive NIH program pays down student debt for early clinician-investigators dedicating at least 50% effort to research

Non-Funded Research:

<u>Study Title</u>	<u>IRB Protocol</u>
Using the English Longitudinal Study of Ageing (ELSA) to determine optimal strategies for assessing frailty.	Pro 3006
VAPHS Frailty Initiative at IMPACT	Pro 3071

Other research related activities

STUDY SECTION MEMBERSHIP

<u>HSR&D Scientific Merit Review Board for CDA</u>	2020
Invited to review proposals for HSR&D Career Development Awards. The review panel met under the guidance of Portfolio Manager, Robert Small, on August 25-26, 2020.	
<u>HSR&D Scientific Merit Review Board for CDA</u>	2020

Invited to review proposals for HSR&D Career Development Awards. The review panel met under the guidance of Portfolio Manager, Robert Small, on March 3, 2020.	
<u>HSR&D Scientific Merit Review Board for CDA</u>	2019
Invited to review proposals for HSR&D Career Development Awards. The review panel met under the guidance of Portfolio Manager, Robert Small, on March 5-6, 2019.	
<u>HSR&D Scientific Merit Review Board HSR5 & HSR5A</u>	2016
Invited to review proposals for HSR&D research proposal. The review panel met under the guidance of Portfolio Manager, Ranjana Banerjea, on March 2-3, 2016.	
<u>HSR&D Scientific Merit Review Board HSR5 & HSR5A</u>	2015
Invited to review proposals for HSR&D research proposal. The review panel met under the guidance of Portfolio Manager, Ranjana Banerjea, on August 25-26, 2015.	
<u>NIH Study Section on Central IRBs and Research Ethics</u>	2015
Invited to review proposals for the NIH FOA “Empirical research on ethical issues related to central IRBs and consent for research using clinical records and data”. The review panel met by videoconference under the guidance of Scientific Review Officer, Karin Helmers, on July 1, 2015.	
<u>HSR&D Scientific Merit Review Board on Opioid Consent</u>	2015
Invited to review proposals for the HSR&D Service Directed Project on informed consent for long term opioid use for pain in patients with cancer. The review panel met by videoconference under the guidance of Portfolio Manager, Ranjana Banerjea, on June 4, 2015.	
<u>NIH Study Section on Central IRBs and Research Ethics</u>	2014
Invited to review proposals for the NIH FOA “Empirical research on ethical issues related to central IRBs and consent for research using clinical records and data”. The review panel met by videoconference under the guidance of Scientific Review Officer, Karin Helmers, on July 8, 2014.	

PEER REVIEW

1. Journal of Religion and Health	Editorial Board and Reviewer	2003-Present
2. Academic Medicine	Reviewer	2003-2013
3. Duke Center for Theology, Spirituality and Health	Grant Reviewer	2007
4. J of American Board of Family Medicine	Reviewer	2006
5. Medical Journal of Australia	Reviewer	2006
6. Archives of Surgery	Reviewer	2007
7. Cambridge Quarterly of Healthcare Ethics	Reviewer	2008

8. CHEST	Reviewer	2009
9. Psychology Health and Medicine	Reviewer	2009
10. International Journal of Psychology and Religion	Reviewer	2009
11. Annals of Internal Medicine	Reviewer	2009
12. University of Notre Dame Press	Reviewer	2010
13. Social Science and Medicine	Reviewer	2010
14. J of Am College of Surgeons	Reviewer	2010
15. Am. Family Physician	Reviewer	2011
16. J Surgical Research	Reviewer	2011-2012
17. Am J Surgery	Reviewer	2012-present
18. JAMA Surgery	Reviewer	2013-present
19. J Am Geriatric Society	Reviewer	2014-present
20. BMC Medical Ethics	Reviewer	2015-present
21. Annals of Surgery	Reviewer	2018-present
22. Journal of Medical Ethics	Reviewer	2019-present
23. BMC Anesthesiology	Reviewer	2019-present
24. J Health Services Research	Reviewer	2020-present
25. The Laryngoscope	Reviewer	2020-present
26. BMJ Quality & Safety	Reviewer	2021-present

LIST of CURRENT RESEARCH INTERESTS

- Surgical Frailty: I am interested in how the syndrome of frailty can be used to identify patients at greatest risk for perioperative morbidity and mortality, and leveraging that information to support and improve the perioperative decision making for these patients. I am particularly interested in how preoperative palliative care consultation can improve decision-making and outcomes through explicitly negotiated and documented surgical buy-in, time limited trials and overarching goals of surgical therapy. I am also investigating ways to prehabilitate frail patients before surgery to mitigate frailty-associated risks.
- Long term Loss of Independence: I am working to define, measure, model and predict trajectories of long-term loss of independence after emergency and elective surgery. The approach combines data from the VA Surgical Quality Improvement Program, Medicare, Medicaid, Minimum Dataset and other VA sources arranged on a shared chronology to define the setting and duration of healthcare utilization in the year following surgery.
- Shared Decision Making: I am working to develop care pathways to optimize the shared decision making process for high risk, frail patients—both before surgery and at presentation to ICUs. Elicitation of patient values is critical in this context but challenging to accomplish. One promising approach that I am working to implement is Best Case Worst Case scenario planning that uses storytelling to elicit patient preferences regarding a discrete choice between possible treatment options.

- Medical Decision Making and the Clinical Encounter: I am interested in examining the secular and religious influences that shape the moral imagination of both physicians and patients, and I am interested in the role these formative influences play in the clinical encounter and in medical decision making. This research builds on continuing work that examines the associations between religious belief and practice and various health outcomes.

LIST of PRIOR RESEARCH INTERESTS

- IRB Efficiency and Quality: How can IRB review procedures be organized more efficiently while maintaining adequate protections to institutions, researchers and participants? How can IRB review quality be measured? How might IRB committees focus their deliberations on substantive ethical judgment rather than mere regulatory compliance?
- Ethics of Informed Consent: I am interested the ways in which the current doctrine of informed consent, based on patient autonomy, does not describe or serve the preferences or best interest of patients in the clinical context. This research builds on continuing work that critiques the standard, principlist approach to bioethics.
- Theology and Medicine: In what ways, and under what circumstances is it appropriate for theology to interface with the practice of medicine? Patients living through illness confront large questions of meaning and value. Many patients frame their worldview in terms of religious and theological traditions. How is it possible and/or appropriate to incorporate these perspectives in the clinical context?

INVITED SEMINARS AND LECTURESHIPS

LOCAL PRESENTATIONS

March 1, 2021 The Eucharist: Medicine of Immortality. [Beatrice Institute](#) Pittsburgh, PA

Invited lecturer to a group of 16 undergraduates from regional colleges and universities to discuss the theological significance of the Eucharist and its relationship to the body. The Beatrice Institute is an ecumenical learning and research community based in Pittsburgh that serves students, faculty, and the broader public. It supports advanced inquiry in the Christian intellectual and cultural tradition.

February 2, 2021 [From Altar to Table: My Journey as Priest and Surgeon.](#) Healthcare and Religion Lecture Series Pittsburgh, PA

Invited to give the inaugural lecture for this new series sponsored by the University of Pittsburgh Department of Religious Studies, Center for Bioethics and Health Law and the UPMC Palliative and Supportive Institute.

March 4, 2020 What is plastic surgery for? Philosophical (and sometimes) 2nd Annual PittQual Mini-Symposium, Department of Plastic Pittsburgh, PA

theological) sources for quality improvement and excellence. Surgery, University of Pittsburgh

Invited to give lecture on the ends of medicine and surgery as a lens for ordering the work of plastic surgery.

February 25th, 2020 The Surgical Pause: Improving Surgical Outcomes by Measuring Frailty and Doing Something About It. School of Nursing's Health Services and Policy Research Interest Group, University of Pittsburgh Pittsburgh, PA

Invited by the Pitt School of Nursing's Health Services and Policy Research Interest Group to give lecture to describe the syndrome of frailty, review ways its measured and share findings from a variety of sources where frailty screening has been implemented before elective surgery to reduce mortality, increase quality and cut costs at UPMC, the VA Pittsburgh and other sites across the country. Part health Services research, part quality improvement, and part medical ethics, Dr. Hall will describe practical solutions for surgical care when there is no easy technical "fix."

October 4, 2019 "The Surgical Pause: Routine Risk Assessment to Improve Surgical Care." Department of Surgery, UPMC Jameson New Castle, PA

Invited to speak to give speak at the Department of Surgery monthly education conference for residents at faculty at UPMC Jameson, New Castle, PA, October 4, 2019

July 25, 2019 "Recognizing When to Discuss Goals of Care: Routine Risk Assessment to Drive System-Level Culture Change" UPMC Palliative and Supportive Care Institute Pittsburgh, PA

Grand Rounds given at the UPMC Palliative and Supportive Care Institute, Pittsburgh, PA, July 25, 2019.

July 23, 2019 "The Surgical Pause: Routine Risk Assessment to Improve Surgical Care" VA Pittsburgh Healthcare System Pittsburgh, PA

Innovators Pitch for VA Demo Day, Pittsburgh, PA. Invited to pitch our Quality Improvement work for subsequent presentation at national Meeting in Washington DC., July 23, 2019

May 17, 2019 Just Because We Can, Should We? Obligations to Providing Nonbeneficial care, Passavant Hospital Foundation Pittsburgh, PA

Invited to speak at the Passavant Hospital Foundation Conference Center & Legacy Theatre.

May 1, 2019 Recognizing When to Discuss Goals of Care: Routine Risk Assessment to Drive System-Level Culture Change, Department of Plastic Surgery, University of Pittsburgh Pittsburgh, PA

Invited to give grand rounds to the Department of Plastic Surgery at the University of Pittsburgh focused on work of identifying high risk patients and improving care.

April 22, 2019 Recognizing When to Discuss The Wolff Center at Pittsburgh, PA
Goals of Care: Routine Risk UPMC
Assessment to Drive
System-Level Culture Change

Invited to speak as one of 3 keynotes at the 2019 Dr. Loren Roth Quality and Safety Speakers Series: "Discussing Goals of Care: Honoring End of Life Preferences."

April 10, 2019 Medicine and Human Flourishing: Pittsburgh Pittsburgh, PA
Building systems to ensure that Theological Seminary
medical technology serves a
purpose greater than mere
survival

Invited to speak at the Pittsburgh Theological Seminary on matters of practical theology at the interface between church and hospital. The lecture explored the limits of contemporary medicine and emerging strategies to reorient medical care so that it more often fosters flourishing rather than mere survival.

April 9, 2019 Recognizing When to Discuss Passavant Hospital, Pittsburgh, PA
Goals of Care: Routine Risk UPMC
Assessment to Drive
System-Level Culture Change

Invited to keynote the annual Palliative Care Update at the Passavant Hospital Palliative and Supportive Care Institute of UPMC.

October 10, Recalibration and External The Clinical Research, Pittsburgh, PA
2017 Validation of the Risk Analysis Investigation, and
Index (RAI) of frailty Systems Modeling of
Acute Illness
(CRISMA) Center,
Critical Care
Medicine, University
of Pittsburgh

Invited to present research findings to interdisciplinary research team and graduate students at the weekly research conference.

April 27, 2017 Lunch with Kerry Egan Family Hospice Pittsburgh, PA
Invited respondent to Kerry Egan's presentation about her book, On Living, to local clergy and hospice workers.

April 18, 2017 Pre-Surgical Risk Analysis Index: Pittsburgh Health Pittsburgh, PA
Identifying high risk surgical Data Alliance, a
patients and building clinical cooperative venture
pathways to optimize their care. of UPMC, the
University of
Pittsburgh, and
Carnegie Mellon
University

Invited faculty speaker for the invitation-only conference on big data analytics in healthcare, The Next Big (Data) Thing.

February 17, 2017	Flourishing in the City: Caring for the Vulnerable and Frail	Pittsburgh Leadership Foundation	Pittsburgh, PA
<i>Invited faculty speaker for Jubilee Professional, an interdisciplinary conference.</i>			
April 15, 2016	Duty to Rescue? Duty to be Rescued?: What can surgeons reasonably expect from patients?	Center for Bioethics and Health Law, University of Pittsburgh	Pittsburgh, PA
<i>Keynote speaker for an hour long Center Colloquium.</i>			
October 2, 2015	Improving Care and Decision Making for Frail Veterans Considering Elective Surgery	VA Pittsburgh	Pittsburgh, PA
<i>Invited to speak at the Geriatric Research Education and Clinical Center Noon Conference.</i>			
October 10, 2012	<u>Urology Grand Rounds: "Ethics, Consent, Core Competencies and Practical Wisdom"</u>	UPMC Department of Urology	Pittsburgh, PA
<i>Invited to give grand rounds to urology.</i>			
March 13, 2012	Informed Consent to Inguinal Herniorrhaphy and Cholecystectomy: Attitudes, Practices and Preferences of Patients and Surgeons at VA Pittsburgh	VA Center for Health Equity Research and Promotion and RAND-University of Pittsburgh Health Institute	Pittsburgh, PA
<i>Invited presenter at the weekly Health Services Research Seminar Series sponsored by the Center for Research on Health Care.</i>			
August, 2005	Reclaiming the moral agency of medical practice	Children's Hospital of Pittsburgh	Pittsburgh, PA
<i>Sixty minute talk for the department of surgery at Children's Hospital of Pittsburgh.</i>			
December, 2004	Can anyone really measure religion? Conceptual and theological challenges for the empirical study of religion	Duke University	Durham, NC
<i>Keynote speaker for the Theology and Medicine Seminar offered by the Center for Spirituality, Theology and Health.</i>			
March, 2004	Religion and medicine: The extent and limits of the data	Department of Surgery, UPMC	Pittsburgh, PA
<i>Research seminar presented at the Department of Surgery, UPMC.</i>			
March, 2004	Lenten forum on faith and health	Church of the Holy Family	Chapel Hill, NC
<i>Four evening sessions dealing with the science and theology of the faith and health movement presented at the Church of the Holy Family.</i>			
January, 2004	Religion and health: Fashionable, formidable or flakey?	Church of the Holy Family	Chapel Hill, NC
<i>Two consecutive adult education sessions on faith and health at the Church of the Holy Family.</i>			

February 7, 2003	Faith and health: State of the science and future directions	University of North Carolina	Chapel Hill, NC
<i>Keynote speaker for a CME Seminar in Integrative Medicine.</i>			
2001	"The role of 'healing' in modern medicine"	Order of St. Luke, Pittsburgh chapter	Pittsburgh, PA
<i>Lead a full day retreat and lecture entitled "The role of 'healing' in modern medicine" at the Pittsburgh chapter's annual meeting. The Order of St. Luke is an interdenominational association of lay and ordained ministers who engage in healing ministries.</i>			
2001	Calvary Episcopal Church, Lenten Forum	Calvary Episcopal Church	Pittsburgh, PA
<i>Delivered the first of four lectures assembled to address the relationship between medicine and religion, spirituality, and the Church.</i>			
1998	Forum on the experience of clinical medicine	Yale Medical School	New Haven, CT
<i>Founder and facilitator. Organized and lead a monthly series of discussions for third year medical students which encouraged participants to reflect broadly on their own social and moral growth as physicians while seeking to develop both the compassion necessary for quality patient care and the communication skills necessary for effective work with colleagues.</i>			
1997-1998	Health and spirituality conference	Albert Schweitzer Institute for the Humanities and the Program for Humanities in Medicine at Yale	New Haven, CT
<i>Steering committee. Involved with the planning and implementation of a two day conference sponsored by the Albert Schweitzer Institute for the Humanities, and the Program for Humanities in Medicine at Yale.</i>			

REGIONAL PRESENTATIONS

October 22, 2020	Pastoral Care, Public Health and Priorities: Human Flourishing in a Broken but Healing World.	Theil College	Greenville, PA
<i>Annual lecture for the Community Medical Ethics Project, co-sponsored by Theil College and the Medical Ethics Committee of UPMC Horizon. The lecture explored how an emphasis on technical efficiency and success have obscured the proper ends and goals of medicine, often substituting "maximal safety" or "mere life" for a more complete account of human flourishing.</i>			
August 23, 2019	The Surgical Pause: Routine Risk Assessment to	Regional VISN 4	Virtual Meeting

Improve Surgical
Care

VISN4 Innovators Pitch for VA Demo Day. Advanced from local Innovation Pitch to the Regional VISN 4 Innovators Pitch. August 23, 2019.

September 29, 2018 Fidelity: Compassion, Love and the Technological Imperative Wheeling Hospital Wheeling, WV

Invited lecture for the Wheeling Hospital Annual Ethics Seminar to discuss the technological imperative and some of the ways in shapes and constrains imagination for treatment.

April 5, 2017 Religion, Faith and Ethics in Healthcare: Third Rail or Third Rail? St. Clair Hospital Pittsburgh, PA

Invited 2-hour lecturer for the St. Clair Hospital Ethics Program. This CME series contracted through the Consortium Ethics Program.

February 24, 2016 Patient-centered decision making for frail patients considering elective surgery. Allegheny College Meadville, PA

Invited keynote speaker for the 2016 Lehman Lecture in Medical Ethics.

September 11, 2013 Patient Autonomy and Decision Making Capacity. Meadville Medical Center Meadville. PA

Invited lecturer for Meadville Medical Center mid-day CME series contracted through the Consortium Ethics Program.

Sep 11, 2012 Religion, faith and medicine: Third rail or third rail? Altoona Regional Hospital Altoona, PA

Invited plenary speaker to give 3 lectures over the course of the day at Altoona Regional Hospital, discussing the interface between religion and medicine as part of the University of Pittsburgh's Consortium Ethics Program.

September 25, 2010 Religion, Faith and Ethics in Healthcare: Third Rail or Third Rail? University of Pittsburgh Consortium Ethics Program Wheeling, WV

Invited lecturer for the Fall Retreat of the University of Pittsburgh Consortium Ethics Program.

September 25, 2010 Decision Making Capacity: Principles, Practice and Problems University of Pittsburgh Consortium Ethics Program Wheeling, WV

Invited lecturer for the Fall Retreat of the University of Pittsburgh Consortium Ethics Program.

March 4, 2010	Informed Consent: Past, Present and Future	Children's Hospital of Pittsburgh	Pittsburgh, PA
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Invited speaker to discuss the ethics of informed consent in the context of pediatric surgery at Children's Hospital of Pittsburgh.

March 12, 2006	Remember that you are dust: Idealism and idolatry in medicine	Trinity Church	Warwick, NY
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Keynote speaker at Trinity Church, Warwick, NY.

April 2005	Religion, medicine and health: Fashionable, formidable or flakey?	Christ Church	Raleigh, NC
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Keynote speaker at Christ Church.

2000	Holy Trinity Church, Lenten Forum	Holy Trinity Church	Oxford, OH
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Lectured and preached at this university parish on the nature of bivocational ministry and the integration of secular work with spiritual vocation.

Facilitator: 1997 Student Coordinator: 1996	Seminarians interacting	National Conference of Christians and Jews	New York, NY
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Facilitated small groups during a one week intensive workshop on inter-faith dialogue for select seminary students from Christian, Jewish and Islamic traditions.

NATIONAL PRESENTATIONS

December 18, 2020	Implementing Age-Friendly Health Systems at Scale	University of Pennsylvania School of Medicine	Virtual
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With colleagues we presented at Penn Medicine's Geriatric Grand Rounds, describing our newly funded QUERI Program Award aimed at making VISN4 an age-friendly healthcare system. Co-presenters were Robert Burke and Rebecca Brown.

September 25, 2020	Virtual Forum: Healthcare, Coronavirus, and the Church	Anselm House, the Carver Project, and the Duke Divinity School	Virtual
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Invited to speak on a panel with Elizabeth Dias (New York Times) and Ryan Antiel (Washington University) to discuss our recent writing on the intersection between healthcare, the coronavirus pandemic and the religious institutions.

<https://anselmhouse.org/events/healthcare-coronavirus-church/>

September 11 2020	Frailty and Unavoidable Outcomes: Research and Reality	DRI Nursing Home/ALF Litigation Virtual Seminar	Virtual, originally
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scheduled for
Nashville, TN

Invited to give keynote speech to this association of attorneys engaged in advocacy for nursing homes and their residents. Asked to describe my work on frailty screening and perioperative optimization as a catalyst for thinking about legal defense and prosecution in a different light, focused on the broader context of human flourishing.

Feedback: "Dr. Daniel E Hall's presentation is by far the best CLE presentation I have ever attended in 10 years of practicing law."

January 22, 2020 CCSQ Grand Rounds (CMS): Centers for Baltimore, MD
The Case for Frailty Medicare and
Medicaid Services

Invited with colleague Jason Johanning to give grand rounds at CMS in Baltimore, MD presenting updates on our work on surgical frailty and improved perioperative care and system-wide quality improvement driven by frailty assessment.

August 22, 2019 "The Surgical Pause: Department of Portland, MA
Routine Risk Assessment to Surgery, Maine
Drive System-Level Culture Medical Center
Change."

Grand Rounds, Department of Surgery, Maine Medical Center, Portland, MA, August 22, 2019.

December 11, 2018 CCSQ Grand Rounds (CMS): Centers for Baltimore, MD
The Surgical Pause. Medicare and
Medicaid Services

Invited with colleagues Jason Johanning and Shipra Arya to give grand rounds at CMS in Baltimore, MD presenting on our work on surgical frailty and improved perioperative care. For video of the presentation see:

<https://meetings.cms.gov/orion/playback.do?RCID=31082d476eac9d507e1d639faa0e53c>

January 24, 2018 Grand Rounds "Surgical Department of Omaha, NE
Frailty: A Powerful Tool for Surgery,
Improved Perioperative University of
Decision Making" Nebraska

Invited to speak at the University of Nebraska department of surgery regarding my work on measuring surgical frailty for the purposes of quality improvement.

April 19, 2017 Visiting Professor Program for New Haven, CT
Medicine,
Spirituality, and
Religion,
Department of
Internal Medicine,
Yale University
School of
Medicine

Invited faculty speaker to discuss faith in the practice of medicine and surgery.

October 15, 2016 Difficult ethical issues in Association of Washington, DC
Surgical Research Academic

Surgeons
Fundamentals of
Surgical Research

Invited faculty speaker for the Association of Academic Surgeons Fundamentals of Surgical Research course.

April 30, 2016 To what end are our ethical Baptist Health San Antonio, TX
decisions directed? System

Invited keynote speaker for the 2016 Ethics Symposium.

October 6, 2015 “Surrogate Consent for American College Chicago, IL
Surgery Forecasts Early Do- of Surgeons
Not-Resuscitate Orders and Clinical Congress
High Mortality.”

Faculty respondent for abstract “Surrogate Consent for Surgery Forecasts Early Do-Not-Resuscitate Orders and High Mortality” by Sanjay Mohanty, et al.

February 10, 2015 Examining medical ethics VA HSR&D Cyber Virtual Meeting
through the lens of health Seminar (National)
services research.

Invited to give a national cyber seminar on apply health services research methodology to the topic of medical ethics, particularly the ethics of informed consent.

January 13, 2015. Quality and Efficiency of IRB VA Office of Virtual Meeting
Review Across 10 VA IRBs Research
Oversight

Invited to present research findings to the Nationwide Bi-Monthly Teleconference of the VA Office of Research Oversight.

October 10, 2014 Faith in the Practice of Institute for Faith Waco, TX
Medicine: Why Religion and Learning,
Matters for the Decisions Baylor University
Physicians Face

Invited keynote speaker for the first Medical Ethics Banquet sponsored by the Institute for Faith and Learning at Baylor University.

September 5, 2014 Quality and Efficiency of IRB Field Advisory Arlington, VA
Review Across 10 VA IRBs Committee of the
VA Office of
Research
Oversight

Invited to present research findings to the Field Advisory Committee of the VA Office of Research Oversight.

October 9, 2013 Describing IRB Efficiency, VA Office of Washington, DC
Quality and Procedures: An Research and
interim report. Development

Invited to present a formal progress report to the VA Office of Research and Development.

May 23-25, 2012 Responding to the Call of Conference on Chicago, IL
the Sick: Religious Medicine and
Religion

Traditions and Health
Professions Today

Invited plenary faculty to present on the question “Is Medicine a Spiritual Vocation?” and to lead a conference Eucharist.

April 12-13, 2012 The Veritas Forum at Mayo Mayo Clinic Rochester, MN
Clinic

Invited respondent to two papers presented by Nigel Biggar, Regius Professor of Moral and Pastoral Theology, Christ Church, Oxford University. Papers included “Why religion deserves a place in secular medicine” and “Should doctors ever kill?”

November 10, 2011 Practice and Profession University of Chicago, IL
Symposium Chicago

Invited respondent to papers presented as part of an interdisciplinary working group seeking to express what it would mean to situate the practice of medicine in the context of a good life.

October 27, 2009 Hospitals, Hospitality and Division of Cancer Houston, TX
the De/Re-Moralization of Medicine Grand
Medicine: What Faith Rounds, MD
Communities Can Anderson
Contribute to Healthcare
Even When “Religion”
Doesn’t “Work”

Sixth annual lecture of the Sister Alice Potts Endowed Lecture Series of the Division of Cancer Medicine Grand Rounds at MD Anderson.

October 17, 2009 Whose Outcomes? Which American Society Washington, DC
Notion of Health? for Bioethics and
Humanities

Panel member speaking at the Annual Meeting of the American Society for Bioethics and Humanities in Washington, DC. The talk addressed how religious and theological traditions may inform normative understandings of the proper ends and scope of medical practice.

June 13, 2007 Religion, Spirituality and Memorial Hospital South Bend, IN
the Clinical Encounter

Keynote speaker at the “Vincent DeStefano Memorial Lecture”, Memorial Hospital.

May 16, 2007 The Limits of Standard Ethics and the Chicago, IL
Bioethics: Removing the Department of
straightjacket of autonomy Surgery,
University of
Chicago

Invited speaker at the both the “Surgical Ethics Conference” and the “Seminar of Religion and Health” at the Maclean Center for Ethics and the Department of Surgery, University of Chicago.

December 5, 2006 Conceptualizing religion Notre Dame South Bend, IN
and spirituality in religious University
coping

Invited speaker at the conference “Faith and Health: Interdisciplinary Conference on the Dynamics of Religious Coping.”

October 28, 2006	Religion and Health: Theological limits and concerns	American Society of Bioethics and Humanities	Denver, CO
<i>Chair of ninety minute symposium presented at the annual meeting of the American Society of Bioethics and Humanities.</i>			
October 10, 2006	The Limits of Standard Bioethics: Removing the straightjacket of autonomy	American College of Surgeons Annual Clinical Congress	Chicago, IL
<i>One of four speakers in the two hour panel session "Finding Clinical Perspective When No One Wants To Quit: Who is Needed, What is Needed?" moderated by GP Purcell and GP.</i>			
June 22, 2006	Formation, Flourishing and Friendship with God	Duke University	Durham, NC
<i>Panel Commentator, Religion and Health Research Panel: Implications for Health Ministries at the Health Ministries Association per conference.</i>			
June 23-22, 2006	Limits of the data	Duke University	Durham, NC
<i>Invited speaker at the conference on "Religion and Health."</i>			
February 18, 2006	Science, ethics and religion: Reclaiming the physician's responsibility to offer moral counsel to patients	CMDA	Chicago, IL
<i>One of three keynote speakers for the CME course "Can the practice of medicine be distinctively Christian?" offered by the CMDA.</i>			
March 30, 2005	Strangers or Friends? A proposal for a new spirituality-in-medicine ethic	Galveston Medical Centers	Galveston, TX
<i>Keynote speaker at the Family Practice grand rounds and at the William Temple Dialogue on Spirituality and Healthcare Dialogue.</i>			
April, 2004	Religion, medicine and health: Fashionable, formidable or flakey?	University of Chicago School of Medicine	Chicago, IL
<i>Keynote speaker at the religion and health seminar of the University of Chicago School of Medicine.</i>			

INTERNATIONAL PRESENTATIONS

April 13, 2021	The Surgical Pause: Preoperative Frailty Screening and Prehabilitation	Seminars in Geriatric Medicine	Edinburgh, Scotland, UK (Virtual)
<i>Invited by the Medicine of the Elderly Department, Royal Infirmary of Edinburgh to give a grand rounds style presentation on my work regarding surgical frailty.</i>			

September 10-15, 2005 Why measures of religiousness may not be what they claim to be. XIIIth World Congress of Psychiatry Cairo, Egypt.

One of four speakers for a 90 minute symposium of "Religion and Old Age Psychiatry."

MEDIA CONTACTS

MOVIE

Full Disclosure: The Search for Medical Error Transparency, 2015 documentary by film maker, Laurence Kramen. I was interviewed at length and appear in the final cut of the film. <https://www.youtube.com/watch?v=EvZld7GnCj8>

Full Disclosure Out-takes: What is informed consent? Video discussion of the nature and limits of informed consent in the context of clinical care.

<https://www.youtube.com/watch?v=-piiLxggh9E>

TELEVISION

WPXI-TV, 4/9/06, "Attend church, live longer".

KSHV-TV, 4/6/06, "Weekly attendance of religious services can extend a person's life."

KDKA-TV, 4/4/06, "Could Attending Church Let you live longer,"

http://kdka.com/seenon/local_story_094184722.html#.

MSNBC-TV, *Tucker Carlson Show*, 4/3/06 live interview for 3 minutes

RADIO

SiriusXM Radio, 1/3/2020, 6:30-7:00 EST. Live Interview and Listener Calls (30-minutes) with Dr. Greg Ribakove on "Doctor Radio".

\\r04pthnas21.v04.med.va.gov\PTH_Groups\Media\Research

KCBS Radio, 12/18/19, Live Interview on "Study Shows Dangers of All Surgery for the Elderly" with Jeff Bell and Patti Reising, KCBS All News Radio, 106.9 FM and 740 AM, San Francisco, CA. <https://kcbstradio.radio.com/media/audio-channel/study-shows-dangers-of-all-surgery-for-the-elderly>

KFBX-FM, 6/28/06, "Want to feel better? Make some friends."

KVKI-FM, 6/28/06, "Want to feel better? Make some friends."

KRBC-NBC Morning, 4/10/06 6:02:AM, Radio Report.

KRBC-NBC 4/9/06 5:00PM, Radio Report.

WESC-FM, 4/6/06, "Weekly attendance of religious services can extend a person's life."

WRZX-FM, 4/6/06, "Weekly attendance of religious services can extend a person's life."

WMGP-FM, 4/6/06, "Weekly attendance of religious services can extend a person's life."

KCDA-FM, 4/6/06, "Weekly attendance of religious services can extend a person's life."

KODA-FM, 4/6/06, "Weekly attendance of religious services can extend a person's life."
 WFBQ-FM, 4/5/06, "Weekly attendance of religious services can extend a person's life."
 WAAX-AM, 4/5/06, "Weekly attendance of religious services can extend a person's life."
 KSYU-FM, 4/5/06, "Weekly attendance of religious services can extend a person's life."
 KQV Radio with PJ Maloney, 4/4/06, 4 minute live interview rebroadcast throughout day.
 KGO Radio with Alan Ray, 4/4/06, 4 minute live interview for the San Francisco Bay area.
 KDKA Radio 4/3/06, interview with Lisa Alexander rebroadcast throughout the day.
 KSL-AM Radio, 4/4/06, "Study finds church-goers live longer."
 USA Radio Network, 4/4/06, "Attend church, live longer"
 Metro Networks (radio) 4/3/06, 30 seconds live repeated throughout the country.

LOCAL PRINT MEDIA CONTACTS

.+Transforming Care: Prevent Unnecessary Surgeries, UPMC Health Plan, Pittsburgh, PA, June/July 2018
<https://www.transforming-care.org/right-tools/prevent-unnecessary-surgeries/>
Pittsburgh Business Times "Five things to know today, and workers comp costs down in PA," 01 Dec 2016.
<https://www.bizjournals.com/pittsburgh/news/2016/12/01/five-things-to-know-today-and-workers-comp-costs.html>
Pittsburgh Post-Gazette "Aging Edge," Jill Daly, 30 Nov 2016. <http://www.post-gazette.com/aging-edge/aging-edge-reports/2016/11/30/Frailty-screening-brings-better-results-after-surgery-study-says/stories/201611300172>
VA Pittsburgh Website, "VA Study: Pre-Surgical Palliative Care Benefits Frail Patients", 10/15/2014
["http://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=0CB4QFjAA&url=http%3A%2F%2Fwww.pittsburgh.va.gov%2Fpressreleases%2F2014%2Fpre-surgical-palliative-care.asp&ei=81SPVom3KNalsQThmICwDg&usq=AFQjCNEhWEZe6LQ0aMulEyNCbHmfoWrxQ&sig2=QXg40gxI3BB5NTclFL5x7g&bvm=bv.81828268,d.cWc"](http://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&ved=0CB4QFjAA&url=http%3A%2F%2Fwww.pittsburgh.va.gov%2Fpressreleases%2F2014%2Fpre-surgical-palliative-care.asp&ei=81SPVom3KNalsQThmICwDg&usq=AFQjCNEhWEZe6LQ0aMulEyNCbHmfoWrxQ&sig2=QXg40gxI3BB5NTclFL5x7g&bvm=bv.81828268,d.cWc)
Observer-Reporter, "Regular church attendance helps increase life span, study shows", 5/4/06.
Pittsburgh Tribune Review, "In God they trust", Rob Amen, 4/16/06, p. 1 (above fold).
Post-gazette.com, 4/16/06, "In church, not only the soul is exercised."
Pittsburgh Post-Gazette, "Long live the company we keep," 4/12/06.
ChristianPost.com, "Study Finds Attending Church Adds Years to Life", Audrey Barrick, 4/4/06, <http://www.christianpost.com/article/20060404/4126.htm>.
Pittsburgh Post-Gazette, "Church may help you live longer," 4/4/06.
Post-gazette.com, 4/4/06, "Going to church may help you live longer."

NATIONAL PRINT MEDIA CONTACTS

- [“Real-time tool can rapidly predict mortality for patients facing transfer between hospitals”](#) by Emily Henderson. *News Medical: Life Sciences* Feb 8, 2021.
- [“Researchers develop data tool that may improve care”](#). *Medical Xpress*, Feb 9, 2021.
- [“UPMC develops AI tool to predict mortality for patients facing hospital transfer”](#) by Katie Adams. *Brecker’s Health IT*, Feb 8 2021.
- [“UPMC pilots machine learning, telehealth to inform patient transfers”](#) by Jessica Kim Cohen. *Modern Healthcare*, Feb 20, 2021
- [“Make Frailty Part of Discussions About Surgery”](#), Lindey Getz. *Today’s Geriatric Medicine*, Jan/Feb 2021.
- “Palliative Care Consult Tied to Better End-of-Life Care, QoL After High-Risk Surgery”, Marilyn Larkin, *Medscape*, January 8, 2020.
<https://www.medscape.com/viewarticle/923432>
- “Frail Older Patients Struggle After Even Minor Operations: They are not aware of the true risks, and surgeons aren’t telling them, new research suggests”, Paula Span, *The New Old Age*, *The New York Times*, December 12, 2019.
<https://www.nytimes.com/2019/12/13/health/frail-elderly-surgery.html>
- “Study raises new warning about frail surgery patients” by Tristan Horrom, November 2019
<https://www.blogs.va.gov/VAntage/68903/study-raises-new-warnings-frail-surgery-patients-2/>
- “Screening for frailty saves lives”, October 2019
https://www.cherp.research.va.gov/CHERP/features/Screening_for_frailty_saves_lives.asp Story sent to 10,710 email addresses in VHA and a total of 1,108 opened (high opening rate). Story tweeted on the CHERP Twitter feed, making 611 impressions.
- Health Equity Research* “Screening for frailty saves lives,” August 23, 2019.
Distribution from the GovDelivery VHA Bulletin Detail Report.
- HealthLeaders Media* “[Frailty Index Helps Cut Readmissions, ICU Stays](#)”, April 2018
A **UPMC** program that helps patients "prehabilitate" in preparation for elective surgery is helping reduce postoperative mortality, complications, readmissions, and longer ICU stays.
<https://www.healthleadersmedia.com/strategy/frailty-index-helps-cut-readmissions-icu-stays>
- Journal of Clinical Pathways* “Frailty Screening May Improve Outcomes For Older Surgical Patients,” Jan/Feb 2017.
<http://www.journalofclinicalpathways.com/article/frailty-screening-may-improve-outcomes-older-surgical-patients>
- Managed Health Care* “Frailty Screening May Cut Mortality in Older Elective Surgery Patients,” 13 Dec 2016.
<http://www.managedhealthcareconnect.com/content/frailty-screening-may-cut-mortality-older-elective-surgery-patients>

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EurekAlert “Frail patients should have tailored cardiac rehabilitation says European experts,” Sophia Antipolis, 12 Dec 2016. <http://ct.moreover.com/?a=28904717723&p=1pl&v=1&x=d7VqeLISkZIWgaR-R9QHZA>

Medscape “Preoperative Frailty Screening Initiative Reduces Mortality,” 02 Dec 2016. <http://ct.moreover.com/?a=28798129182&p=1pl&v=1&x=JsmFIE4WFzptkp7XFS7sKg>

Physician’s Briefing “Frailty Screening Initiative Cuts Mortality After Surgery,” 01 Dec 2016. <http://ct.moreover.com/?a=28788779431&p=1pl&v=1&x=e88l9mTi-TJbnouMd5r-MQ>

Doctors Lounge “Frailty Screening Initiative Cuts Mortality After Surgery,” 01 Dec 2016. <http://www.doctorslounge.com/index.php/news/pb/68296>

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DG News “Use of Frailty Screening Initiative Before Surgery Associated With Reduced Risk of Death,” 30 Nov 2016. <http://dgnews.docguide.com/use-frailty-screening-initiative-surgery-associated-reduced-risk-death>

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MedicalXpress “Use of frailty screening initiative before surgery associated with reduced risk of death,” 30 Nov 2016. <http://www.readingeagle.com/ap/article/frailty-screening-brings-better-results-after-surgery-study-says&template=mobileart>

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Chicago Tribune, “Study: Frailty in seniors raises mortality risk related to elective surgery,” January 21, 2016. <https://www.chicagotribune.com/suburbs/barrington/sc-seniors-frail-death-risk-health-0127-20160121-story.html>

U.S. News & World Report. “Frail Seniors Face Increased Death Risk After Surgery, Study Suggests,” January 21, 2016. <https://health.usnews.com/health-news/articles/2016-01-21/frail-seniors-face-increased-death-risk-after-surgery-study-suggests>

Philly.com, "Frail Seniors Face Increased Death Risk After Surgery, Study Suggests," January 2016.
http://www.philly.com/philly/health/topics/HealthDay707117_20160121_Frail_Seniors_Face_Increased_Death_Risk_After_Surgery_Study_Suggests.html.

Washington Post. "Another possible benefit of going to church: A 33 percent chance of living longer," April 15, 2015. <https://www.washingtonpost.com/news/acts-of-faith/wp/2016/05/16/another-possible-benefit-of-going-to-worship-services-a-33-percent-chance-of-living-longer/>

Interviewed about recent JAMA article on religion and health.

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Consultant 360, "Pre-op frailty screening linked to decreased mortality, 9/16/2014", by James E. Barone MD [Reuters Health].
<http://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=2&ved=0CCUQFiAB&url=http%3A%2F%2Fwww.consultant360.com%2Fstory%2Fpre-op-frailty-screening-linked-decreased-mortality&ei=X1aPVPD3FO3GsQS73YHAAw&usg=AFQjCNEyC6eNDLb4uBo9QowDNLkWO2RAqA&sig2=zPtYQvYvOkq9JdAlsZVCPQ&bvm=bv.81828268,d.cWc>

St. Louis Today, "Going to church helps you live longer," John Morley, 4/30/09.

Time Magazine, "The biology of belief", Jeffrey Kluger, 2/23/09.

Catholic News Service, "The Benefits of Going to Church," Maureen Pratt, 8/21/06.

The Washington Post, "Exercising, Religiously", 4/18/06.

The Knoxville News-Sentinel, "Going to church may help you live healthier longer", 4/15/06.

The Star Ledger, "Weekly religious attendance could extend a person's life expectancy," 4/11/06.

Science and Theology News, "The Daily Dose: Live long and worship," Matt Donnelly, 4/11/06, <http://www.stnews.org/commentary-2778.htm>.

Catholic Online, "Mass health? Religious attendance adds years to life, cost effective study reveals", 4/10/06,
http://www.catholic.org/national/national_story.php?id=19384.

Press of Atlantic City, "Church may help you live longer," 4/8/06.

The Daily Item, "Those who focus on life after death may live longer," 4/8/06.

The Boston Globe, "Regular church attendance linked with longer life," Scott Allen 4/7/06,
http://www.boston.com/news/globe/health_science/articles/2006/04/10/ants_are_millions_of_years_older_than_once_thought/.

Agape Press, "Commentary and News Briefs" Bill Fancher 4/7/06,
<http://headlines.agapepress.org/archive/4/72006h.asp>.

Scripps Howard News Service, "Want to feel better? Make some friends," Lee Bowman, 4/5/06,
http://www.shns.com/shns/g_index2.cfm?action=detail&pk=MEDICAL-04-05-06.

Scripps Howard News Service, "Going to church may help you life longer," Joe Fahy, 4/5/06, http://www.shns.com/shns/g_index2.cfm?action=detail&pk=LONGLIFE-FAITH-04-05-06.

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http://www.playfuls.com/news_00631_Churchgoing_May_Increases_Life_Expectancy.html.

LifeSite.net, "Churchgoers live longer," Terry Vanderheyden, 4/5/06,
<http://www.lifesite.net/ldn/2006/apr/06040508.html>.

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<http://www.wpherald.com/storyview.php?StoryID=20060404-102550-9084r>

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Science Daily, "Weekly religious attendance nearly as effective as statins and exercise in extending life", 4/4/06.

The Post Chronicle, "Study finds church-goers live longer", 4/4/06,
http://worldnetdaily.com/news/article.asp?ARTICLE_ID=49582.

FoxNews.com, "Study: Churchgoing can add years to your life", Rob Roy Britt, 4/4/06.

Washington Times, "Churchgoing correlated to longevity", Jennifer Harper, 4/4/06,
<http://washingtontimes.com/national/20060403-103809-9183r.htm>.

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Time, Paul P. The Power to Uplift. 2005 (Jan 17): A46-48.

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Academic Physician and Scientist. "Religion In Medicine is Not "Neutral"". 2004; (September):6.

American Medical News "Body and soul: When faith guides a doctor's vocation" by M. Croasdale, Dec 24/31, 2007. (Extensive interview regarding bivocational work as surgeon-priest.)

Time "The biology of belief" by Jeffrey Kluger, Feb 12, 2009.

INTERNATIONAL RADIO

BBC Radio Stokes, "Sunday Breakfast", Lamont Howie, extended interview 4/30/06.
 Radio Shalom (Montreal), 4/19/06, Eloise Cohen, "Les pratiques religieuses bonnes pour la sante" (15 minute interview).

INTERNATIONAL PRINT MEDIA CONTACTS

Hospimedia "Frailty Screening Before Surgery Reduces Risk of Death," Daniel Beris, 13 Dec 2016. <https://www.hospimedia.com/frailty-screening-before-surgery-reduces-risk-of-death/articles/294767203/frailty-screening-before-surgery-reduces-risk-of-death.html>

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<https://www.aerzteblatt.de/nachrichten/71768/Gebrechlichkeit-Screening-kann-Sterblichkeit-nach-Operationen-senken>

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<http://www.dailyindia.com/show/14234.php/Study-finds-church-oers-live-longer>

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George Conger, 4/5/06

<http://www.jpost.com/servlet/Satellite?pagename=JPost%2FJPArticle%2FShowFull&cid=1143498799939>.

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<http://headlines.agapepress.org/archive/4/72006h.asp>.

SERVICE

University and Medical School Service

COMMITTEE MEMBERSHIP

2005-2012	<u>Ethics Committee</u> UPMC Presbyterian, Pittsburgh, PA
2005-2007	<u>Residency Committee</u> UPMC Presbyterian General Surgery, Pittsburgh, PA
2009-2010	<u>Program Committee</u> 27 th Annual Medical Ethics Update Center for Bioethics and Health Law University of Pittsburgh

SERVICE PROJECTS

2012	<u>Patient Engagement Project Team</u> Worked with an interdisciplinary group at UPMC to develop tools for engaging patients in the decision making process for
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surgery. Group convened by Amy Ranier, Director, UPMC Patient Experience Communications.

Veterans Health Administration Service

COMMITTEE MEMBERSHIP

- | | |
|--------------|---|
| 2019-Present | <u>Geriatric Research, Education, and Clinical (GRECC) Advisory Subcommittee</u>
VA Pittsburgh Healthcare System, Pittsburgh, PA |
| 2015-2018 | <u>Field Advisory Committee</u>
Office of Research Oversight
Veterans Health Administration
Washington, DC |
| 2008-2017 | <u>Institutional Review Board</u>
VA Pittsburgh Healthcare System
Pittsburgh, PA |
| 2010-2014 | <u>Clinical Pastoral Education Professional Advisory Group</u>
VA Pittsburgh Healthcare System
Pittsburgh, PA |

SERVICE PROJECTS

- | | |
|--------------|--|
| 2015-present | <u>Online Risk Assessment Index (RAI)</u>
Established a quality improvement initiative that provides access to an online frailty calculator accessible from any web browser behind the VA firewall. The initiative is initiated at Pittsburgh, but open to any interest VA Medical Center, and sites from Nebraska, Georgia and Tennessee are currently enrolling. |
| 2015 | <u>PEACEFUL-ESI</u>
Established a quality improvement initiative called the PEACEFUL-ESI (P atient-Centered C are for the F rail— E lective S urgery I ntervention). The initiative is aimed at identifying frail patients scheduled for elective surgery and optimizing their perioperative care by supporting their decision making, arranging appropriate palliative care consultation and establishing clinical practice guidelines for intraoperative optimization. |
| 2013 | <u>Advance Directive Planning Taskforce</u> |

Worked with an interdisciplinary group to develop a systems approach to better implementation and planning around advance directives and end of life decision making.

- 2012 Telemetry Criteria Taskforce
Worked with an interdisciplinary group to develop criteria continuous cardiac telemetry for use at the VA Pittsburgh Healthcare System.
- 2011 General Surgery Order Sets
Revised the comprehensive set of admission and post operative orders to accommodate new priorities for VTE prophylaxis and standardized colorectal post operative care.
- 2008 General Surgery Order Sets
Developed a comprehensive set of admission and postoperative orders for use with CPRS in the VA Pittsburgh. Tasked with this project to address system issue of compliance with VTE prophylaxis.

LOCAL/COMMUNITY SERVICE ACTIVITIES

- 2005-present **Assisting Episcopal Priest, First Lutheran Church, Pittsburgh, PA**
I teach, preach, and lead worship on a regular basis throughout the year, assisting the senior pastor as needed with leadership within the parish.
- 2014-present **Alumni Interviewer, Yale University.**
I regularly interview high school applicants, and among local interviewers, I have the highest admission rate based on the informative references I compose.

NATIONAL SERVICE

- 2020-present Data Safety and Monitoring Board
Volunteer ethics consultant on DSMB for Katherine Verdolini Abbot's NIH funded study *Cognitive and Biological Mechanisms in Pediatric Voice Therapy*.

INTERNATIONAL SERVICE

- 2012-2018 **Director, Pilgrim Africa, Soroti, Uganda**

I served from 2012-2018 as Secretary on the Board of Directors of this transnational charity (United States 501c3 and Ugandan NGO) dedicated to fostering hope in Uganda by eradicating malaria, educating former child soldiers, and developing sustainable agribusiness.

PROFESSIONAL DEVELOPMENT

2004-present **Participant, Seminar of Colleagues**

I meet with 8 other clergy colleagues every six months for a 3 day retreat aimed at mutual mentorship and accountability. Colleagues include parish priests, a bishop, cathedral deans, and the Chief Information Officer of the Church Pension Group working across the United States. Meetings alternate between East and West Coast.