

CURRICULUM VITAE**Felix K. Ankel, M.D., FACEP****PROFESSIONAL ADDRESS**

HealthPartners Institute
 8170 33rd Avenue South
 Bloomington, MN 55424
 952-883-6669
 Fax: 952-853-8739
 Felix.k.ankel@healthpartners.com

Education

| Degree | Institution | Date Degree Granted |
|---------------|--|----------------------------|
| B.A. | University of Wisconsin Milwaukee, WI Zoology | 1985 |
| M.D. | University of Wisconsin Medical School Madison, WI Doctor of Medicine | 1989 |
| Residency | University of Illinois Chicago, IL Emergency Medicine | 1992 |

Certifications, Licenses

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| Pediatric Advanced Life Support (PALS) Provider | 2011-present |
| Advanced Trauma Life Support (ATLS) Instructor | 2003-2020 |
| ABEM Board Certification | 1994-present |
| Advanced Cardiac Life Support (ACLS) Provider | 1991-present |
| Advanced Pediatric Life Support (APLS) Provider | 1991-present |
| AAMC Medical Education Research Certification (MERC) | 2010 |
| Advanced Cardiac Life Support (ACLS) Instructor | 1991-2011 |
| Advanced Trauma Life Support (ATLS) Provider | 1990-2003 |

Academic Appointments

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| University of Minnesota, Professor of Emergency Medicine Minneapolis, MN | 2015-present |
| Associate Professor of Emergency Medicine | 2005-2015 |

Minneapolis, MN

Assistant Professor of Emergency Medicine
Minneapolis, MN 1994-2005

University of Wisconsin Medical School
Assistant Professor of Pediatrics (CHS)
Madison, WI 1994-1995

University of Wisconsin Medical School
Assistant Professor of Medicine (CHS)
Madison, WI 1992-1995

Academic Administrative Appointments

Medical Director, Education
Health Professional Institute
Bloomington, MN 2018-present

University of Minnesota
Associate Dean for Medical School Faculty at HealthPartners
Minneapolis, MN 2013-2022

Vice President, Health Professional Education
HealthPartners
Bloomington, MN 2013-2018

Clinical/Hospital Appointments

ACGME Designated Institutional Official
Regions Hospital
St. Paul, MN 2013-2018

Associate Department Head for Academic Affairs
Department of Emergency Medicine
Regions Hospital
St. Paul, MN 2011-2013

Residency Director
Department of Emergency Medicine
Regions Hospital
St. Paul, MN 2000-2013

Assistant Department Head
Department of Emergency Medicine
Regions Hospital
St. Paul, MN 2008-2011

Staff Physician
Department of Emergency Medicine
Hudson Hospital 2001-2011

Hudson, WI

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| Associate Residency Director Department of Emergency Medicine Regions Hospital St. Paul, MN | 1998-2000 |
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| Assistant Residency Director Department of Emergency Medicine Regions Hospital St. Paul, MN | 1995-1998 |
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| Education Director Department of Emergency Medicine University of Wisconsin Hospital and Clinics Madison, WI | 1994-1995 |
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| Staff Physician Department of Emergency Medicine Regions Hospital St. Paul, MN | 1994-present |
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| Staff Physician Department of Emergency Medicine University of Wisconsin Hospital and Clinics Madison, WI | 1992-1995 |
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| Med Flight Physician University of Wisconsin Hospital and Clinics Madison, WI | 1992-1994 |
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Current Membership and Offices in Professional Organizations

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| American Association of Medical College Group on Resident Affairs (AAMC-GRA) | 2013-2018 |
| Board of Directors, American Board of Emergency Medicine | 2018-present |
| American Evaluation Association (AEA) | 2012-2018 |
| American Medical Association (AMA) | 2016-2019, 1985-1995 |
| Association for Medical Education in Europe (AMEE) | 2012-2019 |
| Board of Directors, Council of Emergency Medicine Residency Directors | 2012-2016 |
| Plexus Institute | 2011-2019 |
| American Association for Physician Leadership (AAPL) | 2008-2019 |
| Board of Directors, Society for Academic Emergency Medicine | 2001-2002 |
| American Academy of Emergency Medicine (AAEM) | 1997-present |
| Council of Emergency Medicine Residency Directors (CORD) | 1995-2016 |
| Society for Academic Emergency Medicine (SAEM) | 1990-present |
| American College of Emergency Physicians (ACEP) | 1989-present |

HONORS AND AWARDS FOR RESEARCH WORK, TEACHING, PUBLIC ENGAGEMENT, AND SERVICE

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| International Medical Educator of the Year, Royal College of Canada | 2020 |
| Arnold P Gold Humanism Honor Society | 2012 |
| ACGME Parker J Palmer Courage to Teach Award | 2012 |
| SAEM Best Innovation in Emergency Medicine Education Award (With J Nelson and R Dahms) | 2010 |
| AIAMC Innovation Award | 2008 |
| Faculty Teaching Award, Regions Emergency Medicine | 2005 |
| Outstanding Peer Reviewer, Academic Emergency Medicine | 2003 |
| Apple Award, Regions Emergency Department Medical Student Teaching | 2002 |
| Council of EM Residency Directors Faculty Teaching Award | 1999 |

RESEARCH AND SCHOLARSHIP

Grants and Contracts

- 1) McBeth BM (PI), Flottesmesch TJ, Ling, L, McNamera, R, **Ankel FA**: HealthPartners Research Foundation Internal Grant: Substance Use in Emergency Medicine Training Programs by Resident Report \$25,000, 2005-2008.

Publications

Peer-Reviewed Publications

- 1) Gaeta TJ, Calderon Y, **Ankel FK** et al. American Board of Emergency Medicine Report on Residency and Fellowship Training Information (2022-2023). *Ann Emerg Med* 2023 82(1):66-81
- 2) Nelson LS, Calderon Y, **Ankel FK** et al. American Board of Emergency Medicine Report on Residency and Fellowship Training Information (2021-2022). *Ann Emerg Med* 2022 July;80(1):74-83
- 3) Cabrera D, Nickson CP, Roland D, Hall E, **Ankel F**. Distributed Autonomous Organization of Learning: Future Structures for Health Professions Education Institutions. *JMIR Medical Education* 2022 8 (1), e28770
- 4) Drew A. Long, Samuel M. Keim, Michael D. April, Alex Koyfman, Brit Long, Felix **Ankel**, Can D-Dimer in Low-Risk Patients Exclude Aortic Dissection in the Emergency Department? *J Emerg Med.* 2021 Nov;61(5):627-634.
- 5) Rose CC, Haas MRC, Yilmaz Y, Alvarez A, Mott SE, Landry AI, Gisoni MA, **Ankel F**, Lin M, Chan TM. ALiEM Connect: Large-Scale, Interactive, Virtual Residency Programming in Response to COVID-19. *Acad Med.* 2021 Oct 1;96(10):1419-1424.
- 6) Husain A, Repanshek Z, Singh M, **Ankel F**, et al. Consensus Guidelines for Digital Scholarship in Academic Promotion. *West J Emerg Med.* 2020;21(4):883-891.
- 7) Beeson MS, **Ankel F**, Bhat R, et al. The 2019 Model of the Clinical Practice of Emergency Medicine [published online ahead of print, 2020 May 28]. *J Emerg Med.* 2020;S0736-4679(20)30154-2.

- 8) Nelson LS, Keim SM, **Ankel FK**, et al. American Board of Emergency Medicine Report on Residency and Fellowship Training Information (2019-2020). *Ann Emerg Med.* 2020;75(5):648-667.
- 9) Haas MR, Haley K, Nagappan BS, **Ankel F**, et al. The connected educator: personal learning networks [published online ahead of print, 2020 Feb 24]. *Clin Teach.* 2020;10.1111/tct.13146. doi:10.1111/tct.13146
- 10) Zinkel A, **Ankel F**, Milbank A et al. Postmortem Sperm Retrieval in the Emergency Department: A Case Report and Review of Available Guidelines. *Clinical Practice and Cases in Emergency Medicine* 2019. III(4) 405-408
- 11) Katzung K, **Ankel F**, Clark M, et al. What do Program Directors Look for in an Applicant? *J. Emerg. Med.* 2019; (56)5 e95-101.
- 12) Thoma B, Chan T, Kapur P, Sifford D, Siemens M, Paddock M, **Ankel F**, Grock A, Lin M. The Social Media Index as an Indicator of Quality for Emergency Medicine Blogs: A METRIQ Study. *Ann Emerg Med* 2018; 72(6) 696-702.
- 13) Funk E, Riddell J, **Ankel F**, Cabrera D. Blockchain Technology: A Data Framework to Improve Validity, Trust, and Accountability of Information Exchange in Health Professions Education. *Acad. Med.* 2018; 93(12) 1791-1794
- 14) Chan, T, Gottlieb M, Sherbino, J, Cooney R, Boysen-Osborn M, Swaminathan A, **Ankel F**, Yarris L. The ALiEM Faculty Incubator: A Novel Online Approach to Faculty Development in Education Scholarship *Acad. Med.* 2018; 93(10) 1497-1502.
- 15) Battaglioli, N, **Ankel F**, Doty C, Chung A, Lin M. Executive Summary from the 2017 Emergency Medicine Resident Wellness Consensus Summit *West J Emerg Med.* 2018; 19(2) 332-336
- 16) Thoma B, Sebok-Syer SS, Colmers-Gray I, Sherbino J, **Ankel F**, Trueger NS, Grock A, Siemens M, Paddock M, Purdy E, Kenneth Milne W, Chan TM, Quality Evaluation Scores are no more Reliable than Gestalt in Evaluating the Quality of Emergency Medicine Blogs: A METRIQ Study. *Teach Learn Med* 2018 Jan 30:1-9
- 17) Martin D, **Ankel F**, Hemphill R, et al. Creating a Vision for Education Leadership *West J Emerg Med* 2018 Jan; 19(1) 165-168
- 18) Mondoux S, Chan T, **Ankel F**, Sklar D. Teaching Quality Improvement in Emergency Medicine Training Programs: A Review of Best Practices. *AEM Education and Training.* 2017 Oct; 1(4) 301-309
- 19) Pronk N, **Ankel F**. Building Resilience Into the Workplace: Bending the System to Adapt. *ACSM'S Health & Fitness Journal.* 2017 May/June; 21(3) 44-47
- 20) Chan TN, Gottlieb M, Quinn A, London K, Conlon LW, **Ankel F** Academic Primer Series: Five Key Papers for Consulting Clinician Educators *West J Emerg Med.* 2017 Feb;18(2):311-317

- 21) Gottlieb M, Grossman C, Rose E, Sanderson W, **Ankel F**, Swaminathan A, Chan TM. Academic Primer Series: Five Key Papers about Team Collaboration Relevant to Emergency Medicine. *West J Emerg Med.* 2017;Feb;18(2)303-310
- 22) Grock A, Morley EJ, Roppolo L, Khadpe J, **Ankel F**, Lin M. Blog and Podcast Watch: Cutaneous Emergencies. *West J Emerg Med.* 2017 Feb;18(2)288-292
- 23) Lin M, Joshi N, Grock A, Swaminathan A, Morley E, Branzetti, J, Taira, T, **Ankel F**, and Yarris L. Approved Instructional Resources Series: A National Initiative to Identify Quality Emergency Medicine Blog and Podcast Content for Resident Education. *J Grad Med Educ.* 2016 May;8(2):219-25
- 24) Ten Cate O, Hart D, **Ankel F**, et. al. Entrustment Decision Making in Clinical Training. *Acad Med.* 2016, 91(2):191-198
- 25) Lin M, Thoma B, Trueger S, **Ankel F**, Sherbino J, Chan T. Quality indicators for blogs and podcasts used in medical education: modified Delphi consensus recommendations by an international cohort of health professions educators. *Postgrad Med J.* 2015 Oct;91(1080):546-50
- 26) Love JN, Yarris LM, **Ankel FK**. Emergency Medicine Milestones: The Next Step. *Acad Emerg Med.* 2015 Jul;22(7):847-8.
- 27) Abdel-Hamid T, **Ankel F**, Battle-Fischer M, Gibson B, Gonzalez-Parra G, Jalali M, Kaipainen K, Kalupahana N, Karanfil O, Marathe A, Martinson B, McKelvey K, Sarbadhhikari S, Pintauro S, Poucheret P, Pronk N, Qian Y, Sazanov E, Oorschot K, Venkitasubramanian A, Murphy P. Public and health professionals' misconceptions about the dynamics of body weight gain/loss. *Syst Dyn Rev* 2014; 30, 58-74
- 28) Pillow MT, Hopson L, Bond M, Cabrera D, Patterson L, Pearson D, Sule H, **Ankel F**, Fernandez-Frackelton M, Hall RV, Kegg JA, Norris D, Takenaka K. Social media guidelines and best practices – recommendations from the Council of Residency Directors (CORD) social media taskforce. *West J Emerg Med.* 2014; 15(1):26-30
- 29) **Ankel F**, Franzen D, Frank J. Milestones: quo vadis? *Acad Emerg Med.* 2013 Jul;20(7):749-50.
- 30) Casaletto JJ, Wadman MC, **Ankel FK**, Bourne CL, Ghaemmaghmi CA. Emergency Medicine Rural Rotations: A Program Director's Guide. *Ann Emerg Med.* 2013 May, 61(5): 578-583
- 31) Khandelwal S, Bernard AW, Wald DA, Manthey DE, Fisher J, **Ankel F**, Williams SR, Szyld D, Riddle J, Anders Ericsson K. Developing and accessing initiatives designed to improve clinical teaching performance. *Acad Emerg Med.* 2012 Dec; 19(12):1350-3.
- 32) Kessler CS, Afshar Y, Sardar G, Yudkowsky R, **Ankel F**, Schwartz A. A prospective, randomized, controlled study demonstrating a novel, effective model of transfer of care between physicians: the 5 Cs of consultation. *Acad Emerg Med.* 2012 Aug; 19(8):968-74.

- 33) Colletti JE, Flottemesch TJ, O'Connell TA, **Ankel FK**, Asplin BR. Teaching and Clinical Efficiency: Competing Demands. *West J Emerg Med.* 2012 May; 13(2): 186-193.
- 34) Hwang U, Weber EJ, Richardson LD, Sweet V, Todd K, Abraham G, **Ankel F**. A Research Agenda to Assure Equity during Periods of Emergency Department Crowding. *Acad Emerg Med* 2011 Dec; 18(12):1318-1323.
- 35) Colletti JE, Flottemesch TJ, O'Connell TA, **Ankel FK**, Asplin BR. Developing a standardized faculty evaluation in an emergency medicine residency. *J Emerg Med.* 2010 Nov;39(5):662-8.
- 36) McBeth BD, McNamara RM, **Ankel FK**, Mason EJ, Ling LJ, Flottemesch TJ, Asplin BR. Modafinil and Zolpidem Use by Emergency Medicine Residents. *Acad Emerg Med.* 2009 Dec;16(12):1311-1317.
- 37) Jenson HB, Dorner D, Hinchey K, **Ankel F**, Goldman S, Patow C. Integrating quality improvement and residency education: insights from the AIAMC National Initiative about the roles of the designated institutional official and program director. *Acad Med.* 2009 Dec;84(12):1749-56
- 38) Shayne P, Lin M, Ufberg JW, **Ankel F**, Barringer K, Morgan-Edwards S, DeIorio N, Asplin B. The effect of emergency department crowding on education: blessing or curse? *Acad Emerg Med.* 2009 Jan;16(1):76-82.
- 39) Farley H, Casaletto J, **Ankel F**, Young K D., Hockberger R. An Assessment of the Faculty Development Needs of Junior Clinical Faculty in Emergency Medicine. *Acad Emerg Med.* 2008 July; 15(7):664-668.
- 40) McBeth BD, **Ankel FK**, Ling LJ, Asplin BR, Mason EJ, Flottemesch TJ, McNamara RM: Substance Use In Emergency Medicine Training Programs. *Acad Emerg Med.* 2008 Jan; 15(1):45-53.
- 41) McBeth BM, **Ankel F**: Don't Ask, Don't Tell: Substance Use by Resident Physicians. *Acad Emerg Med.* 2006 Aug;13(8):893-5.
- 42) Manthey DE, Coates WC, Ander DS, **Ankel FK**, Blumstein H, Christopher TA, Courtney JM, Hamilton GC, Kaiyala EK, Rodgers K, Schneir AB, Thomas SH. Report of the Task Force on National Fourth Year Medical Student Emergency Medicine Curriculum Guide. *Ann Emerg Med.* 2006; 47(3): e1-e7.
- 43) Coates WC, **Ankel F**, Birnbaum A, Kosiak D, Broderick KB, Thomas S, Leschke R, Collings J: The virtual advisor program: linking students to mentors via the world wide web. *Acad Emerg Med.* 2004 Mar;11(3):253-5.
- 44) **Ankel F**, Wolfson AB, Stapczynski JS: Emphysematous cystitis: a complication of urinary tract infections occurring primarily in diabetic women. *Ann Emerg Med.* 1990; 19:404-406.

Electronic Publications

- 1) **Ankel F**, McGee D (2019) Becoming the Designated Institutional Officer or the Chief Academic Officer in the SAEM Academic Career Guide.
<https://www.saem.org/resources/careers/saem-academic-career-guide>

- 2) **Ankel F**, Sherbino (2018) Adaptive leadership for the new #meded: the one-hour read. Royal College of Physicians and Surgeons of Canada. Ottawa ON. Free E-book
<https://books.apple.com/ca/book/adaptive-leadership-for-the-new-meded-the-one-hour-read/id1432130611>
- 3) **Ankel F**, Smith A. (2014) Expert respondent. Compassion fatigue, in “The case of the not so humorous humerus”. In Chan, Thoma and Lin (Ed) *Medical Education in Cases: Volume 1* (1st Edition). San Francisco, CA; Academic Life in Emergency Medicine. ISBN: 978-0-9907948-0-6.

Podcasts

- 1) Culture, Form and Function, with Felix Ankel, MD The Emergency Mind Podcast
<https://soundcloud.com/emergencymind/episode-22> July 23, 2020
- 2) AAEM-RSA. Innovation and the Future of Meded. Published June 15, 2018
<http://www.aaemrsa.org/get-involved/podcasts/episode-36>
- 3) Keylime. How to be a XXI century scholar. May 22, 2018.
<http://keylimepodcast.libsyn.com/171-how-to-be-a-xxi-century-scholar>
- 4) PlexusCalls-Health Professions Education 2020 Training Practice Ready Clinicians (with Michelle Noltimier, RN, MBA) July 20, 2016 www.plexusinstitute.org
- 5) PlexusCalls-Ecology of Leadership (with David Hurst) July 12, 2013 www.plexusinstitute.org

Blog posts. <https://icenet.blog/>

- 1) #Futureofmeded. Governance as leadership. April 4, 2023
- 2) Dan Dworkis, Felix Ankel. #Futureofmeded. The ITSO Model to Optimize Systems-Based Medical Education and Patient Care. November 1, 2022
- 3) Brian McBeth, Felix Ankel. #Futureofmeded. The role of Humility in medical Education: Core Value or Curricular Afterthought? September 27, 2022
- 4) Ezgi Tiryaki, Felix Ankel #Futureofmeded. Leveraging Neuroscience to Optimize Leadership of self and others. May 3, 2022
- 5) Daniel Cabrera, Felix Ankel #Futureofmeded. Fusion Skills: The Frog, The Fox, and The electric Sheep (Part 3 – The Electric Sheep) November 30, 2021
- 6) Daniel Cabrera, Felix Ankel #Futureofmeded. Fusion Skills: The Frog, The Fox, and The electric Sheep (Part 2 – The Fox) November 23, 2021
- 7) Daniel Cabrera, Felix Ankel #Futureofmeded. Fusion Skills: The Frog, The Fox, and The electric Sheep (Part 3 – The Frog) November 16, 2021
- 8) Dan Dworkis, Felix Ankel #Futureofmeded: mental models for the clinician educator. September 28, 2021
- 9) Ezgi Tiryaki, Felix Ankel #Futureofmeded: Vertical development. June 8, 2021
- 10) #Futureofmeded: Thinking in systems April 20, 2021
- 11) Teresa Chan, Felix Ankel #Futureofmeded: Faculty development. December 22, 2020
- 12) Daniel Cabrera, Elissa Hall, Dan Pesut, Glenn Paetow, Felix Ankel #Futureofmeded: Minnesotafutura, A connectivist paradigm to futurecast health professions education. August 11, 2020
- 13) Vikas Narula, Felix Ankel. #Futureofmeded: Use of social network analysis in #meded. June 9, 2020
- 14) Daniel Cabrera, Felix Ankel. #Futureofmeded: Continuing professional development, part 1. January 7, 2020

- 15) Kaz Nelson, Felix Ankel #Futureofmeded: The future of professional identity. October 22, 2019
- 16) Dan Pesut Felix Ankel #Futureofmeded: Moving from knowledge to wisdom. September 10, 2019
- 17) Dan Pesut, Felix Ankel #Futureofmeded: Developing foresight competencies. June 4, 2019
- 18) #Futureofmeded: Quo Vadis? February 19, 2019
- 19) Resilient #MedEd #Leaders: Reflective Practice and Learning Organizations (Part 4) (with David Abelson, MD) December 13, 2016
- 20) Resilient #MedEd #Leaders: Bending to Adapt (with Nico Pronk, PhD) October 18, 2016
- 21) Resilient #MedEd #Leaders: Using a Co-leadership Dya
- 22) d Model to Increase the Density of Connections (Part 2) (with Jeanette Augustson) August 26, 2016
- 23) Resilient #MedEd #Leaders: Identifying and Communicating Clear Values (Part 1) (with Michelle Noltimier, RN, MBA) June 7, 2016
- 24) Building Effective Communication Networks, Part II: More Nerve Conduction, Less Bone Conduction (with Michelle Lin, MD) April 12, 2016
- 25) Building Effective Communication Networks, Part 1: Home Bases, Embassies, and Outposts (with Michelle Lin, MD) April 5, 2016
- 26) Building Trust: More Oxytocin, Less Epinephrine (with Leah Hanson, PhD) November 24, 2015
- 27) Personal Learning Networks: A hack to maintain competence (with Anand Swaminathan, MD) October 2, 2015
- 28) Key Skills for #Meded leaders. Produce less, co-create more (with Meghan Walsh, MD) August 14, 2015
- 29) Key Skills for #Meded leaders. Separation: Multiply more, micromanage less. June 5, 2015
- 30) Key Skills for #Meded Leaders: Developing A Shared Vision March 31, 2015
- 31) #Meded Leadership in an Exponential World February 3, 2015

Educational Videos-Physician Education Material

Ankel F. The 3 Cs of medical education.2014
<https://www.youtube.com/watch?v=kjrviCSvFc4&feature=youtu.be>

Ankel F. Program Milestones: Managing autonomy, context, and complexity to build an expert program. Royal College of Physicians and Surgeons of Canada. 2012
<https://www.youtube.com/watch?v=U3yA2e-oJNo>

Biros MH, McNeil MA, **Ankel F**, Gordon B, Lindgren KN, Joing S. Interviews with leaders in emergency medicine. *Acad Emerg Med.* 2010 Sep; 17(9):e87. <http://vimeo.com/7377333>

Chapters in Books

- 1) McBeth BD, Partridge B, Douville AW, **Ankel F.** (2023) Humility as a Core Value for the Adoption of Technology in Medicine: Building a Foundation for Communication and Collaboration. In Douville S. *Advanced Health Technology: Managing Risk while Tackling Barriers to Rapid Acceleration.* New York City, NY: Productivity Press.
- 2) **Ankel F,** Stanfield, S (2018). Aortic Dissection. In Walls, Hockberger, Gausche-Hill et al (Eds.), Rosen's Emergency Medicine, Concepts and Clinical Practice 9th Edition. (pp 1021-1026) Philadelphia PA: Elsevier.

- 3) **Ankel F.** (2014) Aortic Dissection. In Marx, Hockberger, Walls et al (Eds.), Rosen's Emergency Medicine, Concepts and Clinical Practice 8th Edition. (pp 1124-1128) Philadelphia PA: Mosby/Elsevier.
- 4) Katzug K, **Ankel F** (2014). What do Program Directors look for in an Applicant? In Kazzi et al (Eds.) AAEM/RSA's Rules of the Road 2nd Edition. Milwaukee WI. AAEM.
- 5) **Ankel F.** (2011) Aortic Dissection. In Marx, Hockberger, Walls et al (Eds.), Rosen's Emergency Medicine, Concepts and Clinical Practice 7th Edition. (pp 1088-1092) Philadelphia PA: Mosby/Elsevier.
- 6) Patten LC, **Ankel F** (2007). Making the Decision: Academics vs. Community Practice. In Handel D and McGee D (Eds), Emergency Medicine An Academic Career Guide 3rd Edition (pp 5-6) Lansing, MI, Society for Academic Emergency Medicine.
- 7) **Ankel F.** (2006). Aortic Dissection. In Marx, Hockberger, Walls et al (Eds.), Rosen's Emergency Medicine, Concepts and Clinical Practice 6th Edition. (pp1324-1330) Philadelphia PA: Mosby/Elsevier.
- 8) Lawson LE, **Ankel F**, Kazzi AA. (2003). What do Program Directors Look For in an Applicant? In AA Kazzi, JM Schofer (Eds.), Emergency Medicine: AAEM's Rules of the Road for Medical Students (pp. 51-59). Milwaukee WI: American Academy of Emergency Medicine.
- 9) **Ankel F.** (2002). Aortic Dissection. In Marx, Hockberger, Walls et al (Eds.), Rosen's Emergency Medicine, Concepts and Clinical Practice 5th Edition (pp. 1171-1175). St. Louis MO: Mosby.
- 10) **Ankel F.** (1999). The Ankle. In Hart RG, Rittenberry TJ, Uehara DT (Eds.), Handbook of Orthopaedic Emergencies (pp. 341-357). Philadelphia PA: Lippencott-Raven.
- 11) **Ankel F.** (1999). The Foot. In Hart RG, Rittenberry TJ, Uehara DT (Eds.), Handbook of Orthopedic Emergencies (pp. 358-372). Philadelphia PA: Lippencott-Raven.
- 12) **Ankel F.** (1993). Pulmonary Emergencies. In Adler J, Plantz S (Eds.), Emergency Medicine Pearls of Wisdom 2nd Edition (pp. 37-40). Watertown MA: Watertown Press.

Presentations

Invited Oral Presentations at International Professional Meetings, Conferences, etc.

- 1) *Leading in difficult times: A practical neuroscience toolkit for leaders and their teams to thrive (with E Tiryaki, T Mustapha, and C Hildebrandt)*
International Conference of Residency Education (ICRE), Montreal, Canada 2022
- 2) *International Clinician Educators Summit Co-chair*
Ottawa 2019, Halifax 2018, Quebec City 2017, Niagara Falls 2016, Glasgow, Scotland, 2015
- 3) *When good ideas fail: Start seeing fair process (or lack thereof) in everyday decision-making.*
International Conference of Residency Education (ICRE), Halifax, Canada 2018

- 4) *Creating your personal learning network: 10 tips from a systems lens*. International Conference of Residency Education (ICRE), Halifax, Canada 2018
- 5) *Creating your personal learning network: 10 tips from a systems lens*. Association of Medical Educators of Europe (AMEE) conference, Basel, Switzerland 2018.
- 6) *Program director bootcamp*. International Conference of Residency Education (ICRE), Quebec City 2017, Niagara Falls 2016
- 7) *Program director survival stories (moderator)*. International Conference of Residency Education (ICRE), Niagara Falls 2016, Vancouver 2015, Toronto, 2014, Calgary, Canada, 2013
- 8) *Entrustment decision-making*. Association of Medical Educators of Europe (AMEE) conference, Milan, Italy 2014.
- 9) *Implementing Milestones: Historical Context, Competency-based Medical Education, and Outcomes (Keynote Speaker)*
Disruptive Innovation in Medical Education (Keynote)
Moving Residency Programs from Novice to Expert: Systems Milestones for Program Director Development (Workshop)
 Medical Education Conference, Chang Gung Memorial Hospital
 Taoyuan, Taiwan, 2013
- 10) *Before You Make that Decision: Understanding Bias in Decision Making*
 2013 AMEE International Association for Medical Education Conference
 Prague, Czech Republic, 2013
- 11) *Reform, Re-form, Transform, or all of the above*
 International Clinical Educators Summit
 Prague, Czech Republic, 2013
- 12) *Good to Great Residency Programs*
 International Conference on Residency Education
 Ottawa, Ontario, 2012
- 13) *Before You Make that Decision: Understanding Bias in Decision Making*
 AMEE International Association for Medical Education Conference
 Lyon, France, 2012
- 14) *Transitions in Residency Education*
Deliberate Practice and Reflection to Address Cognitive Error
 International Conference on Residency Education
 Quebec City, Quebec, 2011
- 15) *Trauma in Pregnancy*
Pediatric Trauma
Wound Care Workshop
Ultrasound Workshop
 3rd Mano-a-Mano-International Acute Care Conference

Cochabamba, Bolivia, 2010

- 16) *Head Trauma*
Thoraco-abdominal Trauma
2nd Mano-a-Mano-International Acute Care Conference
Cochabamba, Bolivia, 2009
- 17) *Shock*
Thoraco-abdominal Trauma
Interosseous Workshop
Mano-a-Mano-International Acute Care Conference
Cochabamba, Bolivia, 2009
- 18) *Emergency Medicine Core Curriculum Design*
Emergency Medicine Integration into Health Systems
Third Mediterranean Emergency Medicine Congress
Nice, France, 2005
- 19) *Innovations in Medical Student and Resident Education*
First Mediterranean Emergency Medicine Congress
Stresa, Italy, 2001

Invited Oral Presentations at National Professional Meetings, Conferences, etc.

- 1) *The Future of Medical Education*. Eastern Virginia Emergency Medicine Scholarly Activity Day. Guest Speaker. Norfolk, VA. June 2023
- 2) Health Professions Education subgroup co-lead (with Teresa Chan). Precision Medicine Consensus Conference. SAEM annual meeting. Austin TX. May 2023
- 3) *The Frog, The Fox, and The Electric Sheep: An Interactive Seminar about Distributed, Autonomous, Organizations of Learning (with D Cabrera)*. West Virginia University Emergency Medicine Medical Education Fellowship Conference. Morgantown, West Virginia April 2023 (virtual)
- 4) *Letters to My Former Self (w/ D Gorgas, W Carter)*. COD Academic Assembly, Las Vegas NV. March 2023
- 5) *The Future of Medical Education*. Southern Illinois University Department of Emergency Medicine Grand Rounds. Springfield IL. January 2023
- 6) *The Frog, The Fox, and The Electric Sheep: An Interactive Seminar about Distributed, Autonomous, Organizations of Learning (with D Cabrera)*. The Precision Education and Assessment Research Lab, Department of Emergency Medicine, Stanford University. November 2022 (virtual)
- 7) *The Future of Medical Education*. Indiana University Emergency Medicine Grand Rounds. Indianapolis, IN. July 2022

- 8) *The Future of Medical Education*. Allegheny Health Emergency Medicine Grand Rounds. Pittsburgh May 2022
- 9) *The Future of Medical Education* University of Kentucky Emergency Medicine Grand Rounds. Lexington April 2022
- 10) *The Future of Health Care Professional Education: The Frog, The Fox, and The Electric Sheep (with D Cabrera)*
Mayo Emergency Medicine Grand Rounds, January 2022
- 11) *The Future of Medical Education*
Resurrection Hospital Emergency Medicine Grand Rounds. Chicago IL, November 2021
- 12) *The Future of Medical Education (virtual Covid pandemic)*
Oklahoma State University Emergency Medicine Grand Rounds
Tulsa, OK, June 2020
- 13) *How to Utilize Social Media for Promotion and Tenure (with J Beck-Esmay and M Gisondi)*
CORD Annual Assembly, New York City, March, 2020
- 14) *The Future of Medical Education*
University of Illinois Emergency Medicine Grand Rounds
Chicago IL, January 2020
- 15) *The Future of Medical Education*
Medical College of Wisconsin Emergency Medicine Grand Rounds
Milwaukee, WI, January 2020
- 16) *The Future of Medical Education*
Carilion Clinic Emergency Medicine Grand Rounds
Roanoke VA, 2019
- 17) *2019 SAEM Consensus Conference: Wellness for the Future: Cultural and Systems-based Challenges and Solutions, invited small group co-facilitator*
Las Vegas, NV, 2019
- 18) *The Future of Medical Education*
How to Utilize Social Media for Promotion and Tenure
CORD Academic Assemble, Seattle, WA, 2019
- 19) **Ankel, F, Arnetz, B, McLellan, R, et al.**
The Role of Occupational Medicine in Preventing and Mitigating Physician Burnout
AOHC Annual Conference, New Orleans, LA, 2018
- 20) *How to Create Change*
Academic Life in Emergency Medicine (ALiEM) Wellness Think Tank
Las Vegas, NV 2018
- 21) **Haber, J, Ankel, F**
Sustainability in Social Media
CORD Academic Assembly, San Antonio, TX, 2018

- 22) **Noltimier, M, Frisch, K, Ankel, F**
Learning Organizations 2.0: 10 Tips for Success
 AIAMC Annual Meeting, Carlsbad, CA, 2018
- 23) *Educational Leadership: Affecting Change*
Building Leadership Skills: Consider a Positive Angle
 SAEM Annual Meeting, Orlando, FL, 2017
- 24) *Innovation and the Future of Meded*
 CORD Academic Assembly, Fort Lauderdale, FL, 2017
- 25) **Ankel F, Simpson D**
Resiliency: Consensus Statement and Action Plan
 AIAMC Annual Meeting, Amelia Island, FL, 2017
- 26) *Innovative professional development*
Tips to create your personal learning network
Foamed quality appraisal: How to guide for learners, teachers, and producers
Junior Career Development: Mentoring –why it matters and how to do it well
 CORD Academic Assembly, Nashville TN, 2016
- 27) *How to effectively supervise and teach residents: Entrustment and autonomy*
 SAEM Annual Meeting, San Diego CA, 2015
- 28) *Disruptive medical education.*
 Council of Emergency Medicine Residency Directors (CORD) Academic Assembly, Phoenix AZ, 2015
- 29) *Milestones one year in-what we've learned so far (Panel moderator)*
 CORD Academic Assembly
 New Orleans, LA, 2014
- 30) *Finding the right mentor (Speaker)*
 CORD Academic Assembly
 New Orleans, LA, 2014
- 31) *FOAMed and Social media for EM Educators (Panel)*
 CORD Academic Assembly
 New Orleans, LA, 2014
- 32) *GME funding 2.0.: 2014 and beyond (Speaker)*
 AIAMC Annual Meeting
 San Diego, CA, 2014
- 33) *Systems milestones for academic programs: Moving from Novice to Expert (Speaker)*
 SAEM Annual Meeting
 Atlanta, GA, 2013
- 34) *Finding Collaboration amongst Residencies in the Era of Milestones (Session Leader)*
Introduction to Milestones (Session Leader)

- Milestones Q & A (Session Leader)*
 CORD Academic Assembly
 Denver, CO, 2013
- 35) *Moving Residency Programs from Novice to Expert: Systems Milestones for Program Director Development (Speaker)***
 ACGME Annual Education Conference
 Orlando, FL, 2013
- 36) *Resident Milestones: Historical context, competency based medical education, and outcomes (Speaker)***
Program Milestones: Managing autonomy, context, and complexity to build expert programs (Speaker)
 Grand Rounds, University of Texas-Houston Emergency Medicine Residency
 Houston, TX, 2012
- 37) *Mastering Milestones: Achieving Outcomes in Education (Speaker)***
 SAEM Annual Meeting
 Chicago, IL, 2012
- 38) *Milestones in Training: More than Just Measurement (Speaker)***
 CORD Academic Assembly
 Atlanta, GA, 2012
- 39) *Retreats: Make Sure Your Time Together is Well Spent (Speaker)***
 CORD Academic Assembly
 San Diego, CA, 2011
- 40) *Surviving the RRC: Mock Site Visit and RRC Meeting (Speaker)***
 CORD Academic Assembly
 San Diego, CA, 2011
- 41) *Deliberate Practice and Reflection to Address Cognitive Error (Speaker)***
 SAEM Annual Meeting
 Phoenix, AZ, 2010
- 42) *Benchmarks, Dashboards, and Quality Indicators: Leveraging hospital Resources to Incorporate ACGME Phase 3 and 4 Outcomes into Residencies (Panel Moderator)***
 CORD Academic Assembly, Orlando, FL, 2010
- 43) *Physician Impairment: Substance Use during Residency and Implications for Career Development in Emergency Medicine (Panel)***
 SAEM Annual Meeting
 New Orleans, LA, 2009
- 44) *GME as a Strategic Asset (Panel Moderator)***
 CORD Academic Assembly
 Las Vegas, NV, 2009
- 45) *Overcrowding and Education (Panel)***
 SAEM Annual Meeting. Washington, DC, 2008

- 46) *Maintaining Life Outside of Academics (Panel Moderator)*
CORD Academic Assembly
New Orleans, LA, 2008
- 47) *Residency Directors Perspective (Panel)*
AIAMC National Initiative: Improving Patient Care through GME
Washington, DC, 2007
- 48) *Five Easy Pieces: Collaborative Residency Management (Speaker)*
CORD Academic Assembly.
Orlando, FL, 2007
Emergency Medicine Association of Residency Coordinators Annual Meeting
Las Vegas, NV, 2006
- 49) *What is Faculty Development? (Panel Moderator)*
CORD Navigating the Academic Waters: Tools for Emergency Medicine
Las Vegas, NV, 2006
- 50) *Letters of Recommendations/Advising Medical Students (Speaker)*
CORD Navigating the Academic Waters: Tools for Emergency Medicine
Las Vegas, NV, 2006
New Orleans, LA, 2005
Washington, DC, 2004
- 51) *Closing the Quality Chasm: Educational Initiatives for Academic Emergency Medicine (Speaker)*
SAEM Annual Meeting
New York City, NY, 2005
- 52) *Resident Advancement (Moderated Discussion)*
CORD Meeting
Seattle, WA, 2002
- 53) *Interviewing for Residency (Panel)*
EMRA Medical Student Forum
Seattle, WA, 2002
- 54) *Virtual Advisor Program: Linking Medical Students to Mentors*
26th Annual Innovations in Medical Education exhibit
AAMC Annual Meeting, Washington, DC, 2001
- 55) *Letters of Recommendation (Speaker)*
CORD Navigating the Academic Waters: Tools for Emergency Medicine
Washington, DC, 2002
- 56) *Pitfalls of Academic Emergency Medicine (Panel)*
CORD Navigating the Academic Waters: Tools for Emergency Medicine
Washington, DC, 2001
- 57) *Management Techniques for Residents (Speaker)*
SAEM Chief Resident Forum

Atlanta, GA, 2001
 San Francisco, CA, 2000
 Boston, MA, 1999

- 58) *Tips for Junior Faculty: Transition from Resident to Faculty (Speaker)*
 CORD Navigating the Academic Waters: Tools for Emergency Medicine
 Washington, DC, 2000, 1999
- 59) *What Do I Tell the Medical Student? (Speaker)*
 CORD Navigating the Academic Waters: Tools for Emergency Medicine
 Washington, DC, 2000
- 60) *Mentoring Medical Students and Residents (Speaker)*
 CORD Navigating the Academic Waters: Tools for Emergency Medicine
 Washington, DC, 1999
- 61) *Internship Survival Guide. Emergency Medicine Essentials for Medical Students (Speaker)*
 SAEM Annual Meeting
 Chicago, IL, 1998
 Washington, DC, 1997
- 62) *Orthopedic Immobilization Lab (Speaker)*
 ACEP Scientific Assembly
 San Diego, CA, 1998
 San Francisco, CA, 1997

Invited Oral Presentations at Local and Regional Professional Meetings, Conferences, etc.

- 1) *The Future of Medical Education.*
 Hennepin/Regions Psychiatry Grand rounds, Saint Paul, MN, June 2023
- 2) *Feedback (with K Frisch)*
 Methodist Department of Dermatology Faculty Development Retreat
 St Louis Park, MN April 2023
- 3) Tiryaki E, Hildebrandt C, **Ankel F**
 Working Together in Difficult Times: A Practical Toolkit for Teams to Thrive
 VA Medical Education Week, Minneapolis MN. March 2023
- 4) *Feedback (with K Frisch)*
 Department of Surgery
 Regions Hospital, Saint Paul MN, March 2023
- 5) *Understanding our Triggers and Reactions. A practical Neuroscience Toolkit for program directors and their trainees to thrive. (with E Tiryaki and C Hildebrandt)*
 Metro Minnesota Council of Graduate Medical Education (MMCGME) program director/program coordinator conference
 Bloomington MN, 2022
- 6) *Bystander Training*
 Tiryaki E, Bemmels H, Infracore K; **Ankel F**

Regions Hospital Emergency Department
Saint Paul, MN, 2019

- 7) *Feedback*
Frisch K, **Ankel F**
Methodist Department of Dermatology Faculty Development Retreat
St Louis Park, MN 2019
- 8) *Developing Personal Learning Networks to Increase Resilience*
Department of Occupational Medicine Grand Rounds
Regions Hospital, St. Paul, MN 2017
- 9) *Ankel, F., Cabrera D.*
The Future of Health Care
Knowledge, Agents, Networks
Department of Emergency Medicine Grand Rounds
Mayo Clinic, Rochester, MN, 2017
- 10) *Noltimier, M; Frisch, K; Ankel, F.*
Learning Organizations 2.0: 10 Tips for Success
Interprofessional Education Summit, St. Paul, MN 2017
- 11) *What Can Be Learned From Teaching (with Kelly Frisch, MD)*
Flourishing in Your Work and Life: Well-being, Health and Resilience for Clinicians
HealthPartners CME Conference, St. Louis Park, MN 2016
- 12) *Developing Personal Learning Networks (with Jeanette Augustson)*
Regions Hospital Emergency Medicine Grand Rounds, St. Paul, MN 2016
- 13) *Introduction to Systems Thinking (with Jeanette Augustson)*
HealthPartners Institute Professional Development Session, Bloomington, MN 2016
- 14) *GME funding*
Emergency Medicine Residency Advocacy Day, Saint Paul, MN 2014
- 15) *Disruptive Innovation in Emergency Medicine Education (Keynote Speaker)*
Great Plains SAEM Regional Meeting
Springfield, IL, 2013
- 16) *Implementing Milestones: Historical Context, Competency-based Medical Education, and Outcomes*
Grand Rounds, Emergency Medicine Residency, Mayo Clinic
Rochester, MN, 2013
- 17) *Disruptive Innovation in Education (Speaker)*
Trauma Education: The Next Generation
St. Paul, MN, 2013
- 18) *Implementing Milestones: Historical context, competency based medical education, and outcomes*
Grand Rounds, University of Illinois-Chicago Emergency Medicine Residency

Chicago, IL, 2012

- 19) *Trends in EM Competitiveness*
2012 AAEM/RSA Midwest Medical Student Symposium
Maywood, IL, 2012
- 20) *Burn Care (Moderator)*
Emergency Medicine and Trauma Update
St Paul, MN, 2012
- 21) *Implementing Milestones: Historical context, competency based medical education, and Outcomes*
Grand Rounds, University of Wisconsin Emergency Medicine Residency
Madison, WI, 2012
- 22) *Getting into an Emergency Medicine Residency: A Guide to the Residency Application Process*
University of Minnesota Medical School Minneapolis MN/Regions Hospital
St. Paul, MN 2012 – 2007, 2005 – 2004, 2002 – 1995
- 23) *Advocacy in Healthcare Panel Discussion (Moderator)*
Emergency Medicine Residency Advocacy & Ethics Day
St Paul, MN, 2012, 2011, 2009
- 24) *A Guide to the Application Process*
Midwest Medical Student Symposium
Chicago, IL, 2011
- 25) *Program Director Discussion Panel*
Midwest Medical Student Symposium
Chicago, IL, 2011
- 26) *Pediatric Trauma (Moderator)*
Emergency Medicine and Trauma Update
Bloomington, MN, 2011, 2008
- 27) *Five Easy Pieces: Collaborative Residency Management*
MMCGME Coordinator Conference
Bloomington MN
University of Minnesota GMEC Meeting
Minneapolis, MN, 2011
- 28) *Medical Students: Is Emergency Medicine the Right Career Choice for You*
Great Plains Regional SAEM Meeting
Omaha, NE, 2010
- 29) *10 Papers That Will Change Your Practice (Moderator)*
Emergency Medicine and Trauma Update
Bloomington, MN, 2010, 2009
- 30) *Cricothyrotomy*

Combined Regions/HCMC Simulation Conference; University of Minnesota SimPortal
Minneapolis, MN, 2010

- 31) *Overview of Regions Hospital Emergency Services*
Special American Business Internship Training (SABIT)
Department of Commerce, St Paul, MN, 2009
- 32) *Tips for Success – Program Director and Manager Perspectives*
Century College Medical Residency Coordinator Course
St. Paul, MN, 2008
- 33) *Selected Topics in Emergency Medicine Medical Student and Residency Education in the United States*
HealthPartners Institute for Medical Education International Health Leadership Program
St.Paul, MN, 2008
- 34) *Quality of Education: Use of Medical Simulation (Panel)*
SAEM Midwest Regional Meeting
Iowa City, IA, 2008
- 35) *Integrating GME into the Patient Experience.*
Regions Hospital Program Director & Hospital Leadership Retreat
St Paul, MN, 2007
- 36) *Breaking Topics (Moderator)*
Emergency Medicine and Trauma Update
Minneapolis, MN, 2006
- 37) *Effective Feedback in Medical Education*
Combined Regions Hospital/Mayo Clinic Emergency Medicine Conference
Cannon Falls MN, 2006
- 38) *Effectively communicating with consultants*
Regions Hospital Emergency Medicine Conference
St Paul MN, 2005, 2006
- 39) *Orthopedics and Forensics (Panel Moderator)*
Emergency Medicine and Trauma update
Minneapolis MN, 2005
- 40) *Mentorship*
Regions Hospital Emergency Medicine Conference
St Paul MN, 2005
- 41) *Bedside Teaching/ Teaching Techniques/ Effective Supervision and Teaching/ Teaching Tips*
Regions Hospital Emergency Medicine Conference
St. Paul, MN 2003 – 2005, 1998-2000
- 42) *Trends in Emergency Medicine Education*
Metropolitan Emergency Medicine Forum (MEMF)

Minneapolis MN, 2005

- 43) *Building a Quality Educational Program*
Regions Hospital Emergency Medicine Conference
St Paul MN, 2004
- 44) *Trends in Emergency Medicine Education*
Grand Rounds, Resurrection Hospital Emergency Medicine Residency
Chicago, IL, 2004
- 45) *Medically Clearing the Psychiatric Patient*
Grand Rounds, University of Illinois Emergency Medicine Residency
Chicago, IL, 2002
- 46) *Acids, Osmoles, and Alcohols*
University of Minnesota Core Content
Minneapolis, MN, 2003, 2000
University of Minnesota Emergency Medicine Grand Rounds
Minneapolis, MN, 1999
St. Paul Ramsey Medical Center Emergency Medicine Conference
St. Paul, MN, 1996
- 47) Residency Interview Workshop
University of Minnesota Medical School
Minneapolis, MN, 2000
- 48) *A Guide to the Residency Application Process: A Residency Director's Point of View*
AMA-MSS Residency Fair, University of Minnesota
Minneapolis, MN, 2000 - 1997
- 49) *Introduction to Orthopedics*
Medicine/Pediatrics Conference, University of Minnesota
Minneapolis, MN, 1999
- 50) *Differential Diagnosis of Respiratory Problems*
Paramedic Recertification Program, Inver Hills Community College
Inver Grove Heights, MN, 1998
- 51) *Medically Clearing the Psychiatric Patient*
Department of Psychiatry Grand Rounds, Regions Hospital
St. Paul, MN, 1997
- 52) *Care of the Patient with Minor Trauma*
HealthPartners
St. Paul, MN, 1997
- 53) *Resuscitation 1996, Beyond ACLS*
St. Paul Ramsey Medical Center Emergency Medicine Conference
St. Paul, MN, 1996
- 54) *Trauma Highlights from the 1996 SAEM Annual Meeting*

Trauma Conference, Department of Surgery, St. Paul Ramsey Medical Center
St. Paul, MN, 1996

- 55) *1995 SAEM Annual Meeting Highlights*
St. Paul Ramsey Medical Center Emergency Medicine Conference
St. Paul, MN, 1995
- 56) *Cricothyroidotomy*
RPAP Medical Student Procedure Lab, University of Minnesota Medical School
Minneapolis, MN, 1994
- 57) *Resuscitation 1995, Beyond ACLS*
Grand Rounds, Mercy Hospital
Janesville, WI, 1995
- 58) Wisconsin State Teleconference for Ambulance Personnel
University of Wisconsin Medical School Office of Continuing Medical Education
Madison, WI, 1994
- 59) *Management of Overdoses*
Paramedic Program, Emergency Medical Services
Madison Area Technical College and University of Wisconsin Hospitals and Clinics
Madison, WI, 1994
- 60) *Medical Student Transitional Clerkship*
University of Wisconsin Medical School
Madison, WI, 1994, 1993
- 61) *Altered Mental Status*
Physician Assistant Program, University of Wisconsin
Madison, WI, 1994, 1993
- 62) *Resident Procedure Fair*
Department of Internal Medicine, University of Wisconsin Medical School
Madison, WI, 1994-1993

Peer-reviewed Oral Presentations at Professional Meetings, Conferences, etc.

- 1) Gaeta TJ, Reissdorff EJ, **Ankel F**. Emergency Medicine Residents Do Not Accurately Predict In-training Examination Performance. SAEM Annual Meeting. Austin TX, 2023
- 2) Joshi N, Grock A, Morley E, Swaminathan A, **Ankel F**, Branzetti J, Taira T, Yarris L, Lin M: ALiEM AIR series: Curating, Evaluating, and Monitoring Individualized Interactive Instruction Using Social Media Resources. “Best of the best” oral presentation. CORD Academic Assembly, Phoenix AZ, 2015. *West J Emer Med July 2015*: Suppl 85 S44
- 3) Hegarty C, Taft S, **Ankel F**, Gordon B, Raghunandan S: Residency Applicant Communication Preferences and use of Social Media in Residency Application. A Pilot Study. *Acad Emerg Med* 2011; 18: Suppl 1 S203. Poster presented, CORD Academic Assembly, San Diego, CA. and SAEM Annual Meeting, Boston, MA, 2011

- 3) Mock J, **Ankel F**, Cooper MA, Mara E.
A Randomized, Prospective, Double-Blind Clinical Comparison of Intramuscular Ketorolac, Meperidine, and Prochlorperazine in the Emergent Treatment of Acute, Benign Cephalgia.
Illinois College of Emergency Medicine Annual Meeting, Oak Brook, IL, 1993
- 4) **Ankel F**, Barrett J, Fildes J, Martin M, Mock J, O'Neill C.
A Prospective Randomized Trial of High-Dose Epinephrine Versus Standard-Dose Epinephrine in Traumatic Arrest.
Emergency Medicine Research Forum, Milwaukee, WI, 1993

Poster Abstract Presentations at Professional Meetings, Conferences, etc.

- 1) **Ankel F**, Knopp R: Verification of Residency Applicants' Bibliographic Citations Using the COD/EMRA Citation Guidelines. *Ann Emerg Med* 1997; 30:418. Abstract presented, ACEP Research Forum, San Francisco, CA. 1997

TEACHING AND CURRICULUM DEVELOPMENT

Course

Clinical faculty- Emergency Medicine EMMD 7500 (required) and Advanced Emergency Medicine – Career track EMMD 7600. *I have supervised medical students in our emergency department since 1994.*

Curriculum Development

- 1) Zinkel AR, Kim KS, **Ankel F**.
Utilization of non-clinical shifts to educate residents and medical students on clinical quality initiatives in real time: Introduction of the qRRT.
AIAMC 2012 Annual Meeting, Tucson, AZ, 2012
AAMC 2011 Integrating Quality Meeting, Chicago, IL, 2011
- 2) Zinkel AR, Kim KS, Erwin AM, Gapinski LM, Barrett LJ, **Ankel FK**.
Integrating Advocacy and Education: Regions' Walk to the Capitol.
ACEP Leadership & Advocacy Conference, Washington, DC, 2010
- 3) Nelson JG, Dahms RA, **Ankel FK**. Thoracotomy Training Without The Live Animal- Development of a Pre-fabricated Fiberglass Torso for Training EM Residents Multiple Invasive Truncal Procedures. *Acad Emerg Med* 2010; 17(5) Supp 1, May 2010, Page S206. Presented at SAEM Annual Meeting. Phoenix, AZ, 2010
- 4) Hegarty CB, Hale D, **Ankel F**: Effect of an Emergency Medicine Lecture Series on Second-Year Medical Students. *Ann Emerg Med* 2000, 36(4): S61. Abstract presented, ACEP Research Forum Philadelphia PA, 2000
- 5) **Ankel F**, Kilgore K: Four-Week Course to Teach Rotating Residents Emergency Medicine Procedural Skills Using the Instructional Systems Design Model. *Acad Emerg Med* 1996; 3:510. Abstract presented, SAEM Annual meeting, Denver, CO. 1996

Faculty Development Activities regarding teaching

Leadership in medical education (LIME) cohort 2022.

Session I. April
Culture (with N Desai)
Leadership (with J Augustson)

Session II. September
Management (with J Augustson)
Recruitment (with J Augustson)

Session III. December
Feedback and Evaluation (with K Frisch)
Mentorship and Sponsorship (with J Augustson)

Regions Emergency Medicine Faculty Development Retreat
April 13, 14; 2022

Feedback in Medical Education (Visiting Professor)
Faculty Development Grand Rounds.
Washington Hospital Center, Emergency Medicine Residency
Washington, DC, 2006

ADVISING AND MENTORING

Undergraduate Student Activities

University of Minnesota Medical School
Medical Student Advisor, 1995-2012

SAEM 2001 - 2011
Virtual advisor

Graduate Student Activities

Masters Thesis Committee for Mary Healy, RN, Exploring the Lived Experience of Graduate Nurses in an Emergency Department Setting: a Hermeneutic Phenomenological Study; MA Nursing Candidate, Augsburg College, 2011

Faculty

Masters Thesis Committee for Chad Kessler, MD, Communication in the ED: A Practical Model for Consultation; MHPE Candidate
University of Illinois, 2008

Executive Preceptor for Ed Callahan, MD, Administrative Medicine Program, University of Wisconsin Medical School, 2000

Administrative service

Regions Hospital

| | |
|-----------------------------------|-----------|
| Medical Executive Committee | 2013-2018 |
| Hospital Board Quality Committee | 2015-2018 |
| Hospital Services Leadership Team | 2012-2015 |

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| Best Care Best Experience Committee | 2009-2011 |
| Search Committee, Department Head for Emergency Medicine | 2009-2011 |
| Quality Peer Review Committee | 2008-2011 |
| Credentials Committee | 2001-2004 |
| Search Committee, Chair for Emergency Medicine | 1995-1997 |

Regions Hospital Department of Emergency Medicine

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|--------------------------------------|-------------------------|
| Faculty Development Committee, Chair | 2011-2013, 2023-present |
| Quality Committee | 2008-2013 |
| Operations Committee | 2007-2013 |
| Compensation Committee | 2007-2013 |
| Executive Committee | 1998-2013, 2019-present |
| Education Committee | 1994-2013 |
| Chair | 2000-2013 |

HealthPartners

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|---|-----------|
| Quality Integration Working Group | 2017-2019 |
| Clinical Excellence Selection Committee | 2009-2013 |
| Innovations Work Group | 2012-2013 |
| Tele-health Services Work Group | 2012-2013 |

Quality Improvement Projects

Barringer K, Healy M, Westgard B, Oyewo A, Kim K, Sekhr-Ra A, Cohen M, **Ankel F**, Isenberger K.

Improving Disparities in Pain Control in the Emergency Department (Poster)

University of Minnesota Health Equity Conference: Eliminating Health Disparities
Minneapolis, MN 2012

HealthPartners Celebration of Research
Bloomington, MN 2012

PROFESSIONAL SERVICE AND PUBLIC OUTREACH

Service To The Discipline/Profession/Interdisciplinary Area(s)

American Board of Medical Specialties (ABMS)

Database and Information Technology Advisory Committee (DITAC) Chair 2023-present 2019-present

American Board of Emergency Medicine (ABEM)

| | |
|---|-------------------------|
| Becoming Certified Task Force | 2021-present |
| Governance Committee | 2021-present |
| Diversity and Inclusion Committee | 2021-present |
| Research Committee (Vice-Chair 2020-2021) | 2019-present |
| Communication Committee (Chair 2020-2022) | 2020-2022 |
| Strategic Planning steering group | 2019-2021 |
| EM Model Task Force | 2018-present |
| Board of Directors | 2018-present |
| Test Administration Committee | 2018-present |
| Test Development Committee | 2018-present |
| Academic Affairs Committee (Vice-Chair 2022-present) | 2018-2020, 2022 present |
| Continuing Certification Committee (Chair 2022-present) | 2018-present |

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|--------------------------|-------------------------|
| Item Writer | 2010-2019, 2021-present |
| Editor, Qualifying Exam | 2019-2021 |
| Editor, In-training Exam | 2022-present |
| Oral Board Examiner | 2000-present |
| Team Leader | 2017-present |
| Chief Examiner | 2022-present |
| Board Eligibility Summit | 2015 |

Comprehensive Advanced Life Support (CALIS)

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| Curriculum Committee | 2011-2013 |
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Editorships/Journal Reviewer Experience

Academic Emergency Medicine

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|---|---------------|
| Peer Reviewer | 1996-2021 |
| Editorial Board | 2000-2003 |
| Co-Guest Editor: "Special Topics Issue: Best Practices and Core Competencies," Proceedings of the CORD Conference, <i>Academic Emergency Medicine</i> , | November 2002 |

Academic Life in Emergency Medicine

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|--|-----------|
| Senior Advisor | 2016-2018 |
| Faculty Incubator Mentor | 2016-2019 |
| Chief Resident Incubator Mentor | 2015-2017 |
| Approved Instructional Resources (AIR) Executive Board | 2014-2016 |

Annals of Emergency Medicine

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|---------------|-----------|
| Peer Reviewer | 1996-2021 |
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Journal of Graduate Medical Education

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| Peer Reviewer | 2012-2021 |
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Organization of conferences, workshops, panels, symposia

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| Association of Independent Academic Medical Centers (AIAMC) | |
| Planning Committee, Annual meeting | 2008-2018 |
| GME Forum, Co-chair, Chair | 2011-2013 |

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| Council of Emergency Medicine Residency Directors (CORD) | |
| Planning Committee, Academic Assembly | 2007-2013 |
| Co-chair, Chair | 2007-2010 |
| Planning Committee, Faculty Development Conference | 2004-2007 |
| Chair | 2005-2007 |
| Planning Subcommittee, International Meetings | 2005-2006 |

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| HealthPartners Institute | |
| Program Committee, IME Annual EM/Trauma Update | 2004-2011 |
| Co-Chair | 2004 |

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| Royal College of Physicians and Surgeons of Canada | |
| Planning Committee, International Conference on Residency Education | 2010-2019 |

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| 2013 Annual Meeting, Co-chair | 2012-2013 |
| The Future is now – Invitational Summit on CBME | 2013 |

Committee memberships [indicate if the candidate served as chair]

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| American College of Emergency Physicians (ACEP) | |
| Academic Affairs Committee | 2004-2013 |
| IHI Triple Aim subcommittee, Chair | 2011-2012 |
| Mid-level Training Module subcommittee, Chair | 2010-2011 |
| Rural EM subcommittee, Chair | 2006-2007 |

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|---|-----------|
| American College of Physician Executives (ACPE) | |
| Medical Education Task Force | 2010-2011 |

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|---|-----------|
| Association of Independent Academic Medical Centers (AIAMC) | |
| National Initiative Phase VII | 2019-2020 |
| National Initiative Phase VI | 2017-2018 |
| Committee on the Integrations of Academics and Quality (CIAQ) | 2017-2018 |
| National Initiative Phase V | 2015-2016 |
| National Initiative Phase IV | 2013-2014 |
| National Initiative Phase II | 2009-2010 |
| National Initiative: Improving Patient Care Through GME | 2007-2008 |

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| Council of Emergency Medicine Residency Directors (CORD) | |
| Governance Committee | 2018-2019 |
| Board of Directors | 2012-2016 |
| Joint Milestones Task Force, Chair | 2012-2014 |
| Finance Committee | 2012-2013 |
| Nominating Committee | 2003-present |
| Chair | 2007-2011 |
| CORD Representative, Undergraduate Curriculum Task Force | 2003-2005 |
| Best Practices/Consensus Committee | 2001-2002 |
| Faculty Development/New Program Director Orientation Committee | 1997-2001 |
| Program Directors Monograph Task Force | 1997-1999 |

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| Emergency Medicine Residents' Association (EMRA) | 1989-1992 |
| Education Committee | 1991-1992 |

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| HealthPartners Institute | |
| Graduate Medical Education Committee | 1999-2018 |
| Chair | 2013-2014 |
| Education Committee | 2012-2013 |
| Simulation Advisory Committee | 2010-2013 |
| Medical Toxicology Fellowship Educational Advisory Committee | 2008-2013 |
| Hand Fellowship Internal Review Committee | 2010 |
| Occupational Health Internal Review Committee, Chair | 2007 |
| Board of Directors | 2011-2012 |
| CME Committee | 1999- 2000 |

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| Minnesotafutura http://minnesotafutura.org/ | |
| Co-founder | 2017-2021 |

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| Metro Minnesota Council of Graduate Medical Education (MMCGME) | |
| Board of Directors | 2013-present |
| Joint Administrative Oversight Committee (JAOC) | 2013-2014 |
| Royal College of Physicians and Surgeons of Canada | |
| International Clinician Educators Network (ICENet) Steering Committee | 2012-present |
| Society for Academic Emergency Medicine (SAEM) | |
| Consultation Services Committee | 2008-2014 |
| Chair | 2011-2012 |
| Education Fund Task Force | 2008-2010 |
| Graduate Medical Education Committee | 2006-2008 |
| Grants Committee | 2005-2006 |
| SAEM/CORD Joint Task Force on the Model Curriculum of EM | 2003-2005 |
| Web page development task force, Chair | 2004-2005 |
| Faculty development committee | 2004-2005 |
| Board of Directors | 2001-2002 |
| Undergraduate Education Committee | 1996-2001 |
| Chair | 1999-2001 |
| International Affairs Committee | 1991-1994 |

Public Advocacy

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| MN Department of Health | |
| MERC (Medical Education and Research Costs) Committee. | 2013-2022 |
| Chair | 2017-2019 |

Service to the University/Medical School/Department

University of Minnesota [indicate dates of service activities]

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| University of Minnesota Medical School | |
| LCME Executive Committee | 2018-2021 |
| Graduate Medical Education Committee | 2013-2018 |
| Faculty Advisory Committee | 2004-2006 |
| Program Review Committee Group 2 | 2003-2005 |