

John Burkhardt, M.D., Ph.D.
University of Michigan
Department of Emergency Medicine
1500 East Medicine Center Dr.
Ann Arbor, MI 48109
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Education and Training

1997 – 2001 University of Michigan, A.B., History
Honors College
Graduation with Distinction

2001-2005 Case Western Reserve University School of Medicine
Phi Delta Epsilon
Alpha Omega Alpha

2007-2009 University of Michigan, M.A., Higher Education
Specialization in Medical and Professional Education

2011-2019 University of Michigan, Higher Education, Ph.D.
Specialization in Medical Education and Educational Policy

Post-Doctoral Training

2005-2009 University of Michigan/St. Joseph Mercy Hospital
Emergency Medicine Residency Program

Certification and Licensure

2005-Present Licensed, State of Michigan, Board of Medicine

2010-Present Diplomate, American Board of Emergency Medicine

2005 Certified, Advanced Cardiac Life Support

2005 Certified, Advanced Trauma Life Support

2005 Certified, Advanced Pediatric Life Support

2006 Certified, Neonatal Resuscitation

Academic, Administrative and Clinical Appointments

Academic Appointments

7/2009 - 5/2017 Lecturer, Department of Emergency Medicine
University of Michigan Medical School, Ann Arbor, MI

3/2011 - 5/2017 Lecturer, Department of Learning Health Systems
(Formerly Department of Medical Education)
University of Michigan Medical School, Ann Arbor, MI

5/2017 - Present Assistant Professor, Department of Emergency Medicine
University of Michigan Medical School, Ann Arbor, MI

5/2017 - Present Assistant Professor, Department of Learning Health Systems
(Formerly Department of Medical Education)
University of Michigan Medical School, Ann Arbor, MI

Administrative Appointments

10/2015-Present Director of Resident Research and Scholarly Development

John Burkhardt, M.D., Ph.D.
Assistant Professor in Emergency Medicine and Learning Health Sciences
B1-354 Taubman Center (734) 615-2766 jburkhar@umich.edu

7/2016-Present
Department of Emergency Medicine
University of Michigan Medical School, Ann Arbor, MI
Co-Director, Path of Excellence: Scholarship of Teaching and Learning
University of Michigan Medical School, Ann Arbor, MI

Grants

1. SAEM Education Fellowship, Personal Development Award, PI: John Burkhardt, M.D., M.A., 8/2015, Primary Investigator, Funded, \$100,000, 7/2016-6/2018
2. Graduate Medical Education Innovation Award (Internal), PI: John Burkhardt, M.D., M.A., 1/2018, Primary Investigator, Funded, FTE-based (~\$30,000/per year), 1/2018-6/2019
3. Rackham One-Term Dissertation Fellowship, PI: John Burkhardt, M.D., M.A., 5/1/2019, Primary Investigator, Funded, Candidacy tuition, Student and Registration fees, Stipend (~\$25,000)
4. RISE Fellowship, PI: John Burkhardt, M.D., Ph.D., Funded, FTE-based plus 7,500 research funds (~\$100,000), Primary Investigator. 10/2019-3/2021
5. Graduate Medical Education Innovation Award (Internal), PI: John Burkhardt, M.D., Ph.D., 1/2020, Primary Investigator, Funded, FTE-based (~\$60,000/per year), Ongoing
6. Fulbright Scholar Program PI: John Burkhardt, M.D., Ph.D., Awarded for academic year 2020-21 at the Royal College of Surgeons in Ireland: Dublin, Ireland
7. Josiah J. Macy Foundation Faculty Scholars Program PI: John Burkhardt, M.D., Ph.D., Awarded for 2020-22 (100,000/per year for two years)

Currently Under Submission

1. NIH NHLBI R-38 Michigan STARR Program PIs: Robert Neumar, M.D., Ph.D., Carey N. Lumeng, M.D. Ph.D., Thomas H. Sisson M.D. Role: CO-I

Honors and Awards

11/2010 "Helping Hand in Education" Award
University of Michigan Office of Medical Student Education

6/2011 Outstanding Clinical Educator
University of Michigan Department of Emergency Medicine

7/2016 Education Fellowship
Society for Academic Emergency Medicine

4/2016 Research Achievement Award: Medical Education
William G. Barsan Research Forum
University of Michigan Department of Emergency Medicine

6/2016 Top Teaching Faculty Award: Medical Student Nominated
University of Michigan Department of Emergency Medicine

7/2016 Golden Apple Teaching Pin: Emergency Medicine Residents Nominated
University of Michigan Department of Emergency Medicine

12/2017 "Gold Standard" Peer-reviewer WestJEM Educational Supplement

12/2017 "Top Reviewer" Journal of Graduate Medical Education

10/2019 RISE Innovation Fellowship

2/2020 U.S. Fulbright Scholar

6/2020 Josiah J. Macy Faculty Scholar

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Membership in Professional Societies

2005-Present Fellow, American College of Emergency Medicine
2005-Present Member, Society for Academic Emergency Medicine
2005-Present Member, Michigan College of Emergency Medicine
2009-Present Fellow, American Association of Emergency Medicine
2014-Present Member, Association for Institutional Research

Editorial Positions, Boards, and Peer-Review Service

Peer-reviewer

2010-Present Health Care Management Review
2014 Council of Emergency Medicine Residency Directors: Academic Assembly
2015-Present Western Journal of Emergency Medicine Council of Emergency Medicine Residency Directors Educational Supplement Issue
2015-Present Western Journal of Emergency Medicine
2015-Present Journal of Graduate Medical Education
2016-Present Academic Emergency Medicine: Education and Training
2017-Present Medical Education
2017-Present BMC Medical Education
2018-Present PLOS ONE
2018-Present Health Professions Education

Editorial Board

2018-Present Section Editor (Education): Western Journal of Emergency Medicine
2019-Present Decision Editor: Academic Emergency Medicine: Education and Training

Teaching

2005-Present Clinical Bedside teaching of emergency medicine to residents and medical students within the University of Michigan Hospital, St. Joseph Mercy Hospital, and Hurley Medical Center
2006-Present Residency Wide Lectures to faculty, residents, and students as a component of residency training within the University of Michigan Emergency Medicine Residency Program. Lecture topics included evidence based, narrow topic literature reviews with clinical recommendations, resident designed topic reviews of personal interest, and case conferences from clinical experience and literature review
2006-Present Lectures to medical students as part of the University of Michigan Medical School Core Clerkship in Emergency Medicine
2006-Present Procedural Instructor to medical students using the University of Michigan Clinical Simulation Center

Committee, Administrative, and Volunteer Service

Institutional

2006-2007 Resident Representative, University of Michigan Survival Flight Safety and Review Board
2006-2008 Communications Chair, Resident Recruitment Program, University of Michigan/St. Joseph Mercy Hospital Emergency Medicine Residency Program
2008 Designer, Proposed University of Michigan Medical Education Fellowship

John Burkhardt, M.D., Ph.D.
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2009	Member, ENCORE (investigational medical school curriculum) Assessment Group
2012-2013	Development Committee, Master's in Health Professions' Education, University of Michigan Medical School
2013-Present	Core Faculty Member, University of Michigan/St. Joseph Mercy Hospital Emergency Medicine Residency Program
2013-Present	Admissions Committee Chair, Executive and Assessment Committees Member, Master's in Health Professions' Education, University of Michigan Medical School
2015-Present	Committee Member, Department of Learning Health Sciences, Working Group on Joint Faculty Appointments
2015-Present	Committee Member, Department of Emergency Medicine Diversity Committee
2016-Present	Committee Member, Faculty Resource Group Diversity, Equality, and Inclusions, Office of Health Equity and Inclusion
<i>National</i>	
2018	Committee Member, Awards Committee, Society for Academic for Academic Emergency Medicine
2018	Committee Member, Grants Committee, Society for Academic for Academic Emergency Medicine

Bibliography

Original Research

1. **Burkhardt, J.**, Peacock, W.F., Emerman, C. *Predictors of Emergency Department Observation Unit Outcomes*. Academic Emergency Medicine, Volume 12, Number 9, 2005 (Pages 869-874). <https://doi.org/10.1197/j.aem.2005.03.534>
2. **Burkhardt, J.**, Kowalenko, T., Meurer, W. *Academic Career Selection in American Emergency Medicine Residents*. Academic Emergency Medicine, Volume 18, Number S2, 2011 (Pages S48-S53). <https://doi.org/10.1111/j.1553-2712.2011.01181.x>
3. Hopson, L., **Burkhardt, J.**, Stansfield, R.B., Vohra, T., Turner-Lawrence, D., Losman, E. *The Multiple Mini-Interview for Emergency Medicine Resident Selection*. The Journal of Emergency Medicine, Volume 46, Issue 4, 2014 (Pages 537-543). <https://doi.org/10.1016/j.jemermed.2013.08.119>
4. **Burkhardt, J.**, Stansfield, R.B., Vohra, T., Losman, E., Turner-Lawrence, D., Hopson, L.R. *Prognostic value of the MMI for Emergency Medicine Residency Performance*. The Journal of Emergency Medicine, Volume 49, Issue 2, 2015 (Pages 196-202). <https://doi.org/10.1016/j.jemermed.2015.02.008>
5. Fitzgerald, J.T., **Burkhardt, J.**, Kasten, S., Mullan, P., Santen, S., Sheets, K., Vasquez, J., Gruppen, L.D. *Assessment Challenges in Competency-Based Education: A Case Study in Health Professions Education*. Medical Teacher, Volume 38, Issue 5, 2016 (Pages 482-490). <https://doi.org/10.3109/0142159X.2015.1047754>
6. Silverberg, M., Weizberg, M., Murano, T., Smith, J.L., **Burkhardt, J.**, Santen, S. *What is the Incidence and Success of Remediation in Emergency Medicine Residency Programs? A Survey of EM Program Directors*. Western Journal of Emergency Medicine, Volume 16, Issue 6, 2015 (Pages 839-844). <https://doi.org/10.5811/westjem.2015.9.27357>

7. Gruppen, L.D., **Burkhardt, J.**, Fitzgerald, J.T., Funnell, M., Haftel, H., Lypson, M., Mullan, P.B., Santen, S., Sheets, K. Stalburg, C., Vasquez, J.A. *Turning the tables: Competency-based education for the educators*. Medical Education, Volume 50, Issue 5, 2015 (Pages 532-539).
<https://doi.org/10.1111/medu.12977>
8. **Burkhardt, J.**, DesJardins, S., Teener, C., Gay, S., Santen, S. *Enrollment Management in Medical School Admissions: A Novel Evidence-based Approach*, Academic Medicine, Volume 91, Issue 11, 2016 (Pages 1561-1567) <https://doi.org/10.1097/ACM.0000000000001188>
9. **Burkhardt, J.**, Smith-Coggins, R., Santen, S. *Residents Values in a Rational Decision-Making Model: An Interest in Academics in Emergency Medicine*, Internal and Emergency Medicine, Volume 11, Issue 7, 2016 (Pages 993-997). <https://doi.org/10.1007/s11739-016-1408-8>
10. Peterson, W., Hopson, L.R., Khandelwal, S., Gallahue, F., White, M., **Burkhardt, J.**, Rolston, A., Santen, S. *Impact of Doximity Residency Rankings on Emergency Medicine Applicant Rank Lists*, Western Journal of Emergency Medicine, Volume 17, Issue 3, 2016 (Pages 350-354).
<https://doi.org/10.5811/westjem.2016.4.29750>
11. Zink, K.L., Perry, M., London, K., Floto, O., Bassin, B., **Burkhardt, J.**, Santen, S. *“Let Me Tell You About My...” Provider Self-Disclosure in the Emergency Department Builds Patient Rapport*, Western Journal of Emergency Medicine, Volume 18, Issue 1, 2017 (Pages 43-49)
<https://doi.org/10.5811/westjem.2016.10.31014>
12. Daniel M., Carney M., Khandelwal S., Merritt C., Cole M., Malone M., Hemphill R., Peterson W., **Burkhardt J.**, Hopson L., Santen S. *Cognitive Debiasing Strategies: A Faculty Development Workshop for Clinical Teachers in Emergency Medicine*. MedEdPORTAL, Volume 13, 2017
https://doi.org/10.15766/mep_2374-8265.10646
13. Ray, J., Hopson, L.R., Peterson, W., Santen, S., Khandelwal, S., Gallahue, F., White, M., **Burkhardt, J.**, *Choosing Emergency Medicine: Influences on medical students’ choice of emergency medicine* PLOS ONE, Volume 13, Issue 5, 2018 <https://doi.org/10.1371/journal.pone.0196639>
14. **Burkhardt, J.**, DesJardins, S., Teener, C., Gay, S., Santen, S. *Predicting Medical School Enrollment Behavior: Comparing an Enrollment Management Model to Expert Human Judgement*. Academic Medicine, Vol 93, Issue 11S, 2018 (Pages S6-73) <https://doi.org/10.1097/ACM.0000000000002374>
15. Gottlieb, M., Lee, S., **Burkhardt, J.**, Carlson, J., King, A., Wong, A., Santen, S. *Show Me the Money: Successfully Obtaining Grant Funding in Medical Education*. Western Journal of Emergency Medicine, Volume 20, Issue 1, 2019 (Pages 71-77) <https://doi.org/10.5811/westjem.2018.10.41269>
16. Cover, M., Tafoya, C., Long, B., Cranford, J., **Burkhardt, J.**, Huang, R., Theyyunni, N., Bassin, B., Lowell, M., Kessler, R. *Creation of a Non-Physician Air Medical Crew Critical Care Ultrasound Program and Effect on Prehospital Management*. Air Medical Journal Volume 38, Issue 4, 2019 (Pages 266-272)
<https://doi.org/10.1016/j.amj.2019.03.010>
17. **Burkhardt, J.**, DesJardins, S., Gruppen, L. *Diversity in Emergency Medicine: Are We Supporting a Career Interest in Emergency Medicine for Everyone?* Annals of Emergency Medicine Volume 74, Issue 6, 2019 (Pages 742-750) <https://doi.org/10.1016/j.annemergmed.2019.04.008>

18. **Burkhardt, J.**, DesJardins, S., Gruppen, L. *Identifying Barriers to a Diverse Emergency Physician Workforce: Identifying When and How Leaks Occur in the Pipeline* Annals of Emergency Medicine Volume 76, Issue 1, 2020 (Pages 113-115) <https://doi.org/10.1016/j.annemergmed.2020.03.002>
19. **Burkhardt, J.C.**, Parekh, K.P., Gallahue, F.E., London, K.S., Edens, M.A., Humbert, A.J., Pillow, M.T., Santen, S.A Hopson, L. *A Critical Disconnect: Residency Selection Factors Lack Correlation with Intern Performance* Journal of Graduate Medical Education (Accepted-In Press)

Commentaries and Case Reports

20. **Burkhardt, J.** *What Can We Learn from Resident Selection Interviews?* Journal of Graduate Medical Education, Vol. 7, No. 4, 2015 (Pages 673-675). <https://doi.org/10.4300/JGME-D-15-00403.1>
21. LaTulip, S., Rao, R., Sielaff, A., Theyyunni, N., **Burkhardt, J.** *Ultrasound Utility in the Diagnosis of a Morel-Lavallee Lesion*, Case Reports in Emergency Medicine, Volume 2017, Article ID 3967587, 2017 <https://doi.org/10.1155/2017/3967587>
22. **Burkhardt, J.**, Abir, M. *How a travel ban could worsen doctor shortages in US hospitals and threaten primary care* The Conversation February 9, 2017 <https://theconversation.com/how-a-travel-ban-could-worsen-doctor-shortages-in-us-hospitals-and-threaten-primary-care-72451> Republished by Associated Press, among others.
23. **Burkhardt, J.**, Abir, M., Durning, S. *Medical School Admissions: Defining the Future of the Medical Profession* MedEdPublish Online Publish date: 9/30/2019 <https://doi.org/10.15694/mep.2019.000185.1>

Books

1. **Burkhardt, J.** (2019). Meeting the Need for Emergency Medicine Physicians: A National Study of Factors Influencing Medical Specialty Career Choice. Doctoral Dissertation. University of Michigan, Ann Arbor, MI. <http://hdl.handle.net/2027.42/151442>

Submitted for review

1. Path of Excellence Research Group (**Burkhardt**) *Scholarly concentrations based upon medical student preferences*
2. Peterson, W., Santen, S., White, M., Khandelwal, S., Gallahue, F., Brown, C., **Burkhardt, J.**, Ray, J., Hopson, L. *The Transition to EM Intern: Clinical Skills of New PGY-1's in their Initial Months of Training*
3. **Burkhardt, J.**, DesJardins, S., Gruppen, L. *Diversity of the Physician Workforce: How Does Career Specialty Choice Change as a Result of Medical School Experiences*

Public Presentations

Invited Presentations

1. Grand Rounds Talk: Barriers to a Diverse Physician Workforce, July 30, 2020

Personal Interviews

1. Interview with Lester Graham: “How a travel ban could worsen doctor shortages in US hospitals and threaten primary care.” Stateside. Michigan Radio, WUOM 91.7 FM, February 17, 2017 <http://michiganradio.org/post/if-rewritten-travel-ban-could-mean-doctor-shortages-rural-michigan>
2. Points of Blue Profiles: “Opening Minds,” November 15, 2019 <https://medicine.umich.edu/medschool/profiles/faculty-md/john-c-burkhardt-md-phd-opening-minds>
3. “An Interview With Education Research Grant Recipient Dr. John Burkhardt,” SAEM Pulse January-February, 2020 https://issuu.com/saemonline/docs/saem_pulse_jan-feb_20/30
4. “Special Report: Building a Diverse Emergency Medicine,” Emergency Medicine News, March 2020, Volume 42, Issue 3 (Pages 20-21)

Press Releases

1. “Physician-educator John C. Burkhardt, M.D., Ph.D., named Macy Faculty Scholar” June 26, 2020 https://medicine.umich.edu/medschool/news/physician-educator-john-c-burkhardt-md-phd-named-macy-faculty-scholar?fbclid=IwAR07pYWVpBMRVrFCbSeUiSsZvDUuEVAe_XCIB_xW8LvAiENeQQ3oa96VD_c

National Conference Presentations (Research and Didactic Sessions)

1. American College of Emergency Medicine, Scientific Assembly, San Francisco, October 17-18, 2004 Poster Presentation: *Predictors of Emergency Department Observation Unit Outcomes.*
2. Council of Emergency Medicine Residency Directors, Academic Assembly, San Diego, March 3-5, 2011 Poster Presentation: *Academic Career Selection in American Emergency Medicine Residents.*
3. Society for Academic Emergency Medicine, Annual Meeting, Boston, June 1-5, 2011 Poster Presentation: *Academic Career Selection in American Emergency Medicine Residents.*
4. Research in Medical Education Conference November 5, 2012 Poster Presentation: *How Accurately Does The Medical School Admission Process Predict Medical School Success?*
5. Research in Medical Education Conference November 5, 2012 Poster Presentation: *Do Medical Student Admissions Interviews Scores Correlate with Standardized Patient Communication Scores?*
6. Council of Emergency Medicine Residency Directors, Academic Assembly, Denver, March 5-9, 2013 Oral Presentation: *Academic Career Interest in American Emergency Residents.*
7. Society of Academic Emergency Medicine, Annual Meeting, Atlanta, Georgia, May 14-18, 2013 Oral Presentation: *Academic Career Interest in American Emergency Residents.*
8. Council of Emergency Medicine Residency Directors, Academic Assembly, Phoenix, April 13-16, 2015 Moderated Poster Presentation: *Patient Perceptions of Medical Provider Communication Skills as Influenced by Openness and Personal Characteristics*
9. Society of Academic Emergency Medicine, Annual Meeting, San Diego, California, May 12-15, 2015 Educational Didactic: *Improve your teaching by Debunking Education Myths: Evidence-based teaching workshop using articles that will change your teaching practice.*
10. Society of Academic Emergency Medicine, Annual Meeting, New Orleans, Louisiana, May 10-13, 2015 Education Didactic: *The Scholarship Pipeline: Best Practices to Keep your Academic Career Moving Forward*
11. Society of Academic Emergency Medicine, Annual Meeting, New Orleans, Louisiana, May 10-13, 2015 Education Didactic: *Improve You Teaching By Debunking Educational Myths: Evidence-based Teaching Workshop Using Articles that Will Change Your Teaching Practice*

12. Society of Academic Emergency Medicine, Annual Meeting, Indianapolis, Indiana, May 15-18, 2018
Education Didactic: *Improve Your Teaching By Debunking Educational Myths: Evidence-based Teaching Workshop Using Articles that Will Change Your Teaching Practice*
13. Society of Academic Emergency Medicine, Annual Meeting, Indianapolis, Indiana, May 15-18, 2018
Didactic: *Finding funding for Medical Education Research*
14. Society of Academic Emergency Medicine, Annual Meeting, Indianapolis, Indiana, May 15-18, 2018
Research Presentation: *Influence of Student Background and Multi-Source Debt on Career Interest in Emergency Medicine*
15. Research in Medical Education of the 2018 AAMC Learn Serve Lead Meeting, Austin, Texas, November 2-6, 2018 (Accepted) Full Research Paper Presentation: *Predicting Medical School Enrollment Behavior: Comparing an Enrollment Management Model to Expert Human Judgement*

Presented Abstracts:

1. **Burkhardt, J.**, Fitzgerald, J., Gruppen, L., Haftel, H., Kasten, S., Lypson, M., Mullan, P., Santen, S., Stalburg, C., Tsai, A., Vasquez, J. Competency-based Education for Medical Educators: Implications and Implementation. Poster Presentation at Central Group on Educational Affairs (CGEA), March 27-29 2014.
2. **Burkhardt, J.**, Perry, M., Zink, K., London, K., Floto, O., Santen, S. Patient Perceptions of Medical Provider Communication Skills as Influenced by Openness and Personal Characteristics. Moderated Poster Presentation at Council of Emergency Medicine Residency Directors (CORD) April 13, 2015.
3. **Burkhardt, J.**, Santen, S., Gay, S., Purkiss, J. How Accurately Does The Medical School Admission Process Predict Medical School Success? Poster Presentation RIME November 5, 2012.
4. **Burkhardt, J.**, Smith-Coggins, R. Academic Career Interest in American Emergency Residents Oral Presentation at CORD March, 8 2013.
5. **Burkhardt, J.**, Smith-Coggins, R. Academic Career Interest in American Emergency Residents Oral Presentation SAEM May, 2013. (Selected to the Gallery of Excellence)
6. **Burkhardt, J.** Influence of Student Background and Multi-Source Debt on Career Interest in Emergency Medicine. Lightning Oral Presentation at SAEM, May-15-18, 2018.
7. Collier, K., Golmirzaie, G., **Burkhardt, J.** Incorporation of a Pain Medicine Rotation in for Internal Medicine Residents Designed to Improved Training in Management of Chronic Non-Malignant Pain. Poster Presentation at AAMC Learn Serve Lead Meeting, Austin, Texas, November 2-6, 2018
8. Cover, M., Tafoya, C., Long, B., Cranford, B., **Burkhardt, J.**, Wallace, C., Theyyunni, N., Bassin, B., Lowell, M., Kessler, R. 211 Critical Care Ultrasound Performed by Non-Physician Providers Changes Out-of-Hospital Management. Presentation at ACEP Scientific Assembly Meeting, October 1-4, 2018
9. Hopson, L., **Burkhardt, J.**, Losman, E. A Pilot Study to Assess the Acceptability and Feasibility of the Multiple Mini-Interview (MMI) for Emergency Medicine Residency Interviews. Poster presentation at CORD, March 3-6, 2010.
10. Hopson, L., **Burkhardt, J.**, Losman, E. A Pilot Study to Assess the Acceptability and Feasibility of the Multiple Mini-Interview (MMI) for Emergency Medicine Residency Interviews. Poster presentation at SAEM, June 3-6, 2010.
11. Hopson, L., Losman, E., Stansfield, R., Vohra, T., Turner-Lawrence, D., **Burkhardt, J.** Predictive Value of a Multiple Mini Interview (MMI) for PGY-1 Performance in Emergency Medicine Oral Presentation at CORD, Academic Assembly, March 5-9, 2013.
12. Hopson, L., Losman, E., Stansfield, R., Vohra, T., Turner-Lawrence, D., **Burkhardt, J.** Predictive Value of a Multiple Mini Interview (MMI) for PGY-1 Performance in Emergency Medicine. Oral Presentation at SAEM, Academic Assembly, Atlanta, Georgia, May, 2013.

13. Hopson, L., Losman, E., Stansfield, R., Vohra, T., Turner-Lawrence, D., **Burkhardt, J.** Use of the Multiple Mini Interview (MMI) for EM Resident Selection: Acceptability to participants and comparison with application data. Oral presentation at CORD, April 2 – 5, 2012.
14. Hopson, L., Losman, E., Stansfield, R., Vohra, T., Turner-Lawrence, D., **Burkhardt, J.** Use of the Multiple Mini Interview (MMI) for EM Resident Selection: Acceptability to participants and comparison with application data. Oral presentation at SAEM, May 9-12, 2012.
15. House, J., Montas, S., Huang, R., **Burkhardt, J.**, Wourman, H., Perry, M. An Attempt to Standardize Evaluation Scoring Oral Presentation at SAEM, May 10-13, 2016
16. Path of Excellence Research Group (**Burkhardt**) Scholarly concentrations based upon medical student preferences. Poster Presentation at AAMC Learn Serve Lead Meeting, Austin, Texas, November 2-6, 2018
17. Peterson, W., Hopson, L.R., Khandelwal, S., Gallahue, F., White, M., **Burkhardt, J.**, Rolston, A., Santen, S. Impact of Doximity Residency Rankings on Emergency Medicine Applicant Rank Lists. Oral Presentation at CORD “Best of the Best,” March 6-9, 2016.
18. Ray, J., Hopson, L., Peterson, W., Santen, S., Khandelwal, S., Gallahue, F., White, M., **Burkhardt, J.** How do the Previous Experiences of Medical Students Relate to When and Why They Choose Emergency Medicine as a Specialty. Poster Presentation at CORD, March 6-9, 2016.
19. Ray, J., Hopson, L., Peterson, W., Santen, S., Khandelwal, S., Gallahue, F., White, M., **Burkhardt, J.** How Does the Consideration of Other Possible Medical Specialties and the Reason to Choose Emergency Affect the Timing of Specialty Selection? Poster Presentation at SAEM, May 10-13, 2016.
20. Santen, S., **Burkhardt, J.**, Gay, S., Purkiss, J. Do Medical Student Admissions Interviews Scores Correlate with Standardized Patient Communication Scores? RIME November 5, 2012.
21. Santen S, Wolff M, Perry M, House J, **Burkhardt J**, Carney M, Theyyanni N, Daniel M, Hopson L. Focusing Your Educational Research: So Much To Do, So Little Time Oral Presentation at SAEM, May 10-13, 2016
22. Stalburg, C., Tsai, A., **Burkhardt, J.**, Fitzgerald, T., Haftel, H., Kasten, S., Lypson, M., Mullan, P., Santen, S., Sheets, K., Gruppen, L. Development of a competency-based health professions education curriculum: an innovative use of a competency activity matrix assessing progress towards a Masters in Health Professions Education degree. International Conference on Faculty Development in the Health Professions, Aug 23-25 2013

Research Support

Ongoing Research Support

Grant No. 5R25NS088248-04 (Meurer-PI) 04/1/2014-03/31/2019 0.36 Calendar

Enhancing Scientific Inquiry in Clinical Neurosciences Through Methodology Training, Mentorship, and Trans-Institutional Cooperation

The goal of this grant is to create and maintain a training course to enable young investigators to learn how to design the best early clinical trials to enable discovery of effective treatments. I am Co-Investigator providing recommendations on learner assessment and educational program evaluation.

Intramural RISE Innovation Grant (Burkhardt-PI) 10/01/2019-03/31/2021 3.0 Calendar

Addressing Unconscious Bias in Medical Care Using Individual Practitioner Data

Creation of a new curricular assessment and program evaluation approach for medical education in general, and specifically the teaching of unconscious bias in health care, that leverages multiple sources of data to prompt resident self-reflection.

John Burkhardt, M.D., Ph.D.
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Intramural GME Innovation Grant (Burkhardt-PI) 01/01/2020-Present 1.2 Calendar
Resident Autonomy Scale Development with Adaptation of an Intra-operative Assessment Tool (SIMPL) for Use in the Emergency Department
Modification and application of a technological solution for feedback and assessment for emergency medicine residents

Completed Research Support

Grant No. EF2016-001 (Burkhardt-PI) 07/01/2016-12/30/2018 2.4 Calendar
SAEM Education Fellowship \$100,000
Emergency Medicine Career Interest: Leaks in the Pipeline

Intramural GME Innovation Grant (Burkhardt-PI) 02/01/2018-08/31/2019 1.2 Calendar
A Multi-Center, Multi-Outcome Evaluation of the Predictive Value of Residency Selection Factors in Emergency Medicine

Rackham Dissertation Fellowship (Burkhardt-PI) 05/1/2019-08/31/2019
Candidacy tuition, Student and Registration fees, Stipend (~\$25,000)