

CURRICULUM VITAE
ELIZABETH M. GOLDBERG, MD, ScM, FACEP

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EDUCATION

Undergraduate	Miami University Bachelor of Arts in Zoology Bachelor of Arts in German B.A. (2001 – 2005)
Medical School	Sackler School of Medicine, Tel Aviv University M.D. (2005 – 2009)
Graduate School	Brown University School of Public Health Master of Science in Epidemiology ScM (2015 – 2017)

Additional coursework:

Brown University School of Public Health, *Summer Institute for Clinical and Translational Research* (2014)

Attended full-time 6-week course on scientific writing and research methods

Stats Camp Foundation, *Bayesian Data Analysis & Advanced Bayesian Data Analysis* (2021)

Attended full-time 2-week course on Bayesian reasoning, estimation, data analysis using R, missing data, logistic and count regression, multilevel growth curve analysis, advanced SEM

AdvanceCTR Mentor Training (2021)

Attended 8-hour, peer-driven program, to learn strategies to improve relationships with mentees and become a more effective mentor to junior investigators as they grow their research careers

POSTGRADUATE TRAINING

Brown University Emergency Medicine Residency Program (2009 – 2013)

Chief Resident, Brown University, Department of Emergency Medicine (2012 – 2013)

Master's Degree of Epidemiology, Brown University School of Public Health (2015 – 2017)

Society of Academic Emergency Medicine Research Fellowship, Department of Emergency Medicine, Brown University (2015 - 2017)

Postdoctoral Research Fellowship, Center of Gerontology and Healthcare Research, Brown University School of Public Health (2015 - 2018)

POSTGRADUATE HONORS AND AWARDS

Mello Outstanding Research Mentor

This award recognizes an EM faculty member who has advanced the field of EM research and has been an exceptional mentor to research trainees and junior faculty.
(December 2021)

Outstanding Service Recognition during the COVID-19 Pandemic

Awarded by Brown Emergency Medicine to Dr. Goldberg for her service and significant contributions during this unprecedented time in history.
(May 2021)

Technology Innovation Award

Awarded by Brown Emergency Medicine to Dr. Goldberg for her creation of the MyCovidRisk.app, a COVID-19 risk assessment tool that reached one million users in the first three months
(December 2020)

COVID-19 Zoom Background rated 10/10 on Room Rater

Selected by Room Rater on Twitter (357,000 followers) to have a professional, well-designed zoom background
(November 2020)

The Badass 50: Healthcare Workers Who Are Saving the Day

Selected by the editors of InStyle Magazine (1,700,000 circulation rate base) as the state of Rhode Island representative who has portrayed fierceness during the COVID-19 pandemic
(August 2020)

Honorable Mention for the Academy for Women in Academic Emergency Medicine

Outstanding Research Publication Award

Selected based on scientific rigor and applicability to advancing women's health.
(March 2020)

Top New Peer Reviewers for *Annals of Emergency Medicine*

Selected based on outstanding timeliness, quality of reviews, volume of reviews.
(January 2020)

Paul B. Beeson Emerging Leaders Career Development Award in Aging (K76) National Institutes of Health Career Development Award competitively awarded to 6-7 physician scholars nationally each year.
(September 2019)

The Physician C.A.R.E Award Awards the physician with outstanding contribution to enhancing the patient experience at The Miriam Hospital
(March 2019)

Brown Department of Emergency Medicine Community Impact Award
(September 2018)

2018 Four Under Forty, Rhode Island Medical Society Recognizes four physicians under the age of 40 who practice in Rhode Island, demonstrate leadership and exemplify commitment to their profession.

(September 2018)

2018 Blue Cross Blue Shield of Rhode Island Provider Medical Expense Trend (MET) Summit, 2nd Place Winner State-wide competition that provides an award and funding for an idea that improves the BCBSRI triple aim of improving the patient experience and health outcomes, while reducing costs

(June 2018)

The Physician C.A.R.E Award Awards the physician with outstanding contribution to enhancing the patient experience at The Miriam Hospital

(March 2018)

FemInEM Idea Exchange 2018 Travel Scholarship

(October 2017)

Grants for Early Medical/Surgical Specialists' Transition to Aging Award

(July 2017)

2017 Providence Business News **40 Under Forty Honoree** (chosen as one of 40 from 200 applicants; selected based on career success and community involvement)

(July 2017)

Translational Impact Award, Department of Emergency Medicine, in recognition of the faculty member “who creatively addresses a clinical challenge through translational research” (June 2017)

Academy for Women in Academic Emergency Medicine Momentum Award in recognition of “extraordinary services of those moving the mission and values of AWAEM forward. Awardees have enhanced the recruitment, promotion, retention and advancement of women in academic emergency medicine through individual support as well as organizational influence.” (May 2017)

UCSF Tideswell Emerging Leaders in Aging Scholar This one-year longitudinal leadership training curriculum is provided by leaders in the American Geriatric Society. It awards scholars in aging who show exceptional promise.

(May 2017 – May 2018)

Geriatrics Champion Achievement Award

Center for Gerontology and Healthcare Research, School of Public Health and the Division of Geriatrics and Palliative Medicine, Alpert Medical School of Brown University Presented to the faculty member with the most outstanding service to elderly patients and enthusiastic support of education that improves their care

(May 2017)

Fellow of American College of Emergency Medicine Physicians (FACEP)

(October 2016)

Post-doctoral Research Fellow Appointment, Center of Gerontology and Healthcare Research, Brown University School of Public Health
(2015 – 2018)

Finalist, Clinical Pathologic Case (CPC) Conference, Council of Emergency Medicine Residency Directors (CORD) Annual Meeting, Phoenix, AZ
(April 2015)

Best Faculty Discussant, Clinical Pathologic Case (CPC) Conference, Department of Emergency Medicine, Alpert Medical School of Brown University (2014)

Best Faculty Presentation, “Lion’s Den”, Society of Academic Emergency Medicine (SAEM) Annual Meeting

Dallas, TX

“Shark Tank” Prediction of Hypertension Based Upon Emergency Department (ED) Blood Pressure Readings and Congruence with ED Attendings’ Predictions of Hypertension with Results of Home Blood Pressure Monitoring (HBPM)

(May 2014)

Undergraduate Teaching and Research Award (UTRA), Faculty Advisor to student Maxwell Danielsson, Brown University

“Prediction of Hypertension Based Upon Emergency Department (ED) Blood Pressure Readings and Congruence with ED Attendings’ Predictions of Hypertension with Results of Home Blood Pressure Monitoring (HBPM)”

(2014)

UEMF Faculty Development Grant Awardee, Department of Emergency Medicine

Principal Investigator for proposal: “Prediction of Hypertension Based Upon Emergency Department (ED) Blood Pressure Readings and Congruence with ED Attendings’ Predictions of Hypertension with Results of Home Blood Pressure Monitoring (HBPM)” (2014 – 2015)

Chief Resident, Department of Emergency Medicine, Alpert Medical School of Brown University
(2012 – 2013)

Local Action Grant Awardee, Emergency Medicine Residents’ Association (EMRA) Awarded biannually to a resident that demonstrates extraordinary commitment to community service. Conceived of and executed a community-based training intervention to teach Basic Life Support to Rhode Island Free Clinic patients in English and Spanish (2011)

PROFFESIONAL LICENSES AND BOARD CERTIFICATION

Licenses:

Rhode Island State Medical License MD14243

(2013 – present)

Licensed in ACLS, ATLS, BLS, PALS

Certifications:

Diplomate, American Board of Emergency Medicine

Certified until 2023

Fellow, American College of Emergency Physicians

ACADEMIC APPOINTMENTS

Primary Appointments:

Associate Professor, Department of Emergency Medicine, Alpert Medical School of Brown University, (2019 – Present)

Assistant Professor, Department of Emergency Medicine, Alpert Medical School of Brown University, (2013 - 2019)

Clinical Instructor, Department of Emergency Medicine, Alpert Medical School of Brown University (2012 - 2013)

Secondary Appointments:

Associate Professor of Health Services, Policy and Practice, Center of Gerontology and Healthcare Research, Brown University School of Public Health, (2019 - Present)

Assistant Professor of Health Services, Policy and Practice, Center of Gerontology and Healthcare Research, Brown University School of Public Health, (2018 - 2019)

Departmental Appointments:

Geriatric Faculty Champion, Department of Emergency Medicine, Alpert Medical School of Brown University (2016 – Present)

Chair Benefits Committee, Brown Emergency Medicine, Department of Emergency Medicine (2020 – 2021)

Secretary of the Board, Brown Emergency Medicine Board of Directors, Department of Emergency Medicine (2021)

University Appointments:

Faculty Leadership Team, Brown-Lifespan Center for Digital Health (2020 – present)

HOSPITAL APPOINTMENTS

Attending Physician, Brown Emergency Medicine, Department of Emergency Medicine, The Miriam Hospital & Rhode Island Hospital, Providence, RI (2013 - Present)

Physician Administrator & Triage Officer of the Day (PATOD), Rhode Island Hospital
Adjudicate transfer requests, clinical and operational interdepartmental concerns, assist with selection and coordination of patients to the COVID-19 Alternative Hospital Site, work in collaboration with the Chief Medical Officer (2020 – Present)

House Officer, Rhode Island Hospital, Level I Trauma Center, 105,000 annual ED visits;
Hasbro Children's Hospital, Pediatric Level I Trauma Center, 52,000 annual ED visits;
The Miriam Hospital, Academic-affiliated community hospital, 56,000 annual ED visits
(2009 - 2013)

Critical Care Transport Physician, Rhode Island, Eastern Connecticut and
Southern Massachusetts (2010 - 2013)

OTHER APPOINTMENTS

National Appointments:

Scientific Advisory Board Member, Emergency Medicine Network (EMNET)
(2020 – present)

Treasurer, Academy for Geriatric Emergency Medicine (AGEM), SAEM
(2021 – present)

Member-At-Large, Academy for Geriatric Emergency Medicine (AGEM), SAEM
(2019 – present)

VP of Corporate Development, Academy for Women in Academic Emergency Medicine
(AWAEM), SAEM
Oversees the Research Committee and Awards Committee
(2018 - 2019)

VP of Education, Academy for Women in Academic Emergency Medicine (AWAEM), SAEM
(2016 – 2018)

Co-Chair, Didactic Committee, Academy for Women in Academic Emergency
Medicine (AWAEM), SAEM
(2015 - 2016)

Committee Member, Geriatric Emergency care Applied Research (GEAR) Falls Task Force (2018 -
present)

Chair, Emergency Medicine Residents' Association (EMRA) Research Committee
(2012 – 2013)

Vice Chair, EMRA Research Committee
(2011 – 2012)

Steering committee, Emergency Medicine Practice Research Network (EMPRN)
(2012 – 2014)

Editor, EMRA Research Handbook
First resident research handbook to be created for EM residents
(2011 – 2013)

Editor, Global Emergency Medicine Literature Review

(2011 – 2013)

Reviewer, Global Emergency Medicine Literature Review

Screening, scoring, and summarizing global emergency medicine research in English and German

(2009 – 2011)

State and Regional Appointments:

School Board Member, Providence Public Schools, Providence, RI

oversee a \$396-million budget and advocate for the health and education of 24,000 urban children (91% URM, 85.5% eligible for free lunch).

(2020 - Present)

School Board Health & Wellness Committee Chair, Providence Public Schools, Providence RI

Oversee COVID-19 reopening, social emotional health, physical activity and nutrition for Providence Public School children

(2021)

School Board Finance Committee Member, Providence Public Schools, Providence, RI

oversee a \$396-million budget and advocate for the health and education of 24,000 urban children (91% URM, 85.5% eligible for free lunch).

(2020 - Present)

Committee Member, Nursing Home Transitions Committee

(2016 - 2017)

Basic Life Support Instructor, American Heart Association, Providence, RI

(2011)

Event Physician , Winning Medicine International, Inc., Killington, VT

(2011)

Pediatric Sedation Training Course, Department of Emergency Medicine, Alpert Medical School of Brown University

(July 2011)

Write Winning Grants Workshop Attendee

Grant writing seminars & workshops, LLC, Providence, RI

(February 2012 & March 2016)

Advanced Airway Training Course Attendee

Department of Emergency Medicine, Alpert Medical School of Brown University (May 2011)

Emergency Ultrasound Course Attendee

Department of Emergency Medicine, Alpert Medical School of Brown University

ACEP level certification in bedside ultrasound techniques, including FAST, gallbladder, cardiac, pulmonary, and AAA ultrasound (December 2010 and January 2017)

Volunteer Physician
Rhode Island Free Clinic, Providence, RI
(2009 – 2015)

Grant Reviewer:

National Institute on Aging Career Development Award (Beeson) Study Section
(2021)

Reviewer, Resident Research Grants, Department of Emergency Medicine
(2013- 2015)

Reviewer, National Academy of Medicine (NAM) Health Longevity Challenge Catalyst Award
(2019)

Editorial Reviewer:

Reviewer, Academic Emergency Medicine
Outstanding Reviewer Designation 2019
(2014 - Present)

Reviewer, Annals of Emergency Medicine
Top New Peer Reviewer 2020
(2015 - Present)

Reviewer, Annals of Internal Medicine
(2016 - Present)

Reviewer, JAMA Internal Medicine
(2017 - Present)

Reviewer, Health Affairs
(2017 - Present)

Reviewer, PLOS One
(2017 - Present)

Reviewer, PLOS Medicine
(2017 - Present)

Reviewer, Journal of Asthma
(2013 - 2015)

HOSPITAL COMMITTEES

Member, Board of Directors, Department of Emergency Medicine
(2019 - present)
Reappointed for second term in 2021

Secretary of the Board, Board of Directors, Department of Emergency Medicine
(2021)

Acting Chair of the Governance and Nominating Committee for the Board of Directors, Department
of Emergency Medicine
(2019 - present)

Faculty Advisor, Lifespan-Brown Center of Digital Health
Provide input on the strategic direction of the center to the director and associate director
(2020 – present)

Founder and Director, Nurse Innovator in Aging Program, Department of Emergency Medicine
(2018 - 2019)

Co-Founder and Co-chair, Brown Emergency Medicine Research Symposium
(2014 - Present)

Fellowship Interviewer, Sex & Gender Fellowship, Department of Emergency Medicine
(2019)

Committee Member, Compensation Task Force, Department of Emergency Medicine
(2019)

Committee Member, Clinical Hours and Promotions Task Force, Department of Emergency
Medicine
(2018)

Committee Member, Salary Equity Task Force, Department of Emergency Medicine
(2018)

Committee Member, UEMF Board Nominating Committee, Department of Emergency Medicine
(2015 - Present)

Committee Member, Benefits Committee, Department of Emergency Medicine
(2017 – 2019)

Director of Resident Research, Brown Emergency Medicine Residency
Mentored 48 residents through scholarly projects, served as a grant reviewer for the Brown
Emergency Medicine Resident Research Grant, co-founded the annual Brown Emergency
Medicine Research Symposium
(2013 - 2015)

Committee Member, Brown Emergency Medicine Residency Clinical Competency Committee
(2013 – 2015)

Committee Member, Emergency Digital Health Innovations Program
(2014 – Present)

Committee Member, Brown University Emergency Medicine Research Committee

(2011 – Present)

Committee Member, Lifespan Orderset Committee

(2013)

Chair, Brown Emergency Medicine Residency Recruitment Committee
Alpert Medical School of Brown University
(2011 – 2012)

UNIVERSITY COMMITTEES

Search Committee for Faculty Member for Assistant Professor Position, Department of Emergency Medicine, Brown University
(2021)

Search Committee for Faculty Member for Tenure Track Position, Brown Center for Biomedical Informatics, Brown University
(2017)

MEMBERSHIP IN SOCIETIES

Academy Health

(2015 - Present)

American Geriatrics Society

(2017 - Present)

MomDocFamily (MDF), Office of Women in Medicine and Science, Alpert Medical School, Brown University

(2012 - Present)

Rhode Island Medical Society

(2013 - Present)

Society for Academic Emergency Medicine (SAEM)

(2009 - Present)

- Treasurer, Academy for Geriatric Emergency Medicine (AGEM), 2021 - Present
- VP of Corporate Development, Academy for Women in Academic Emergency Medicine (AWAEM), 2018 – 2020
- Member-At-Large, Academy for Geriatric Emergency Medicine (AGEM), 2018 - Present
- VP of Education, Academy for Women in Academic Emergency Medicine (AWAEM), 2016 – 2018
- Chair, Didactics Subcommittee, AWAEM, 2015 - 2016
- Committee Member, AWAEM Committee, 2014 - Present
- Committee Member, Academy of Geriatric Emergency Medicine (AGEM), 2015 - Present
- Committee Member, SAEM Research Committee, 2012 - 2013
- SAEM Resident Academic Leadership Forum Attendee, May 2012
Chief resident leadership forum, 8-hour all-day event targeted at developing resident leaders in Emergency Medicine
Chicago, IL

- Abstract Reviewer, SAEM Annual Meeting, 2012 - 2015

American College of Emergency Physicians (ACEP)

(2009 - Present)

- Committee Member, Academic Affairs Committee – LLSA Subcommittee, 2013 - 2014
- ACEP Leadership & Advocacy Conference Attendee, 2013
Sponsored to attend leadership conference as chief resident of Department of Emergency Medicine, Brown University
Washington DC

COMMUNITY SERVICE

Providence Public School Board, School Board Member, Providence, RI

(2020 – present)

Rhode Island Free Clinic, Providence, RI

(2010 – 2013)

Parents Leading for Educational Equity (PLEE), Providence, RI

(2019 – present)

Vartan Gregorian Parent Teacher Organization, Providence, RI

(2019 – 2020)

PUBLICATIONS LIST

GRADUATE THESIS

Goldberg EG. Referral Practices for Emergency Department Patients with Elevated Blood Pressure in a National Sample of Emergency Department Visits. Brown University, Department of Epidemiology. 2017.

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Goldberg EM**, Rotondo KM. Complete atrioventricular block due to Lyme reinfection in a six year-old boy. *Med Health RI*. 2010 May;95(5): 158-60. *Med Health R I*. 2010 May;93(5):158-60. PMID: 20533727.
2. Modi P, Mark Munyaneza RB, **Goldberg E**, Choy G, Shailam R, Sagar P, Westra SJ, Nyakubyara S, Gakwerere M, Wolfman V, Vinograd A, Moore M, Levine AC. "Oxygen Saturation Can Predict Pediatric Pneumonia in a Resource-Limited Setting." *J Emerg Med* 2013 Aug 9. (13): 596-9. PMID: 23937809.
3. **Goldberg E**, Wapner J, Ventetuolo C. Syncope and Dyspnea - A Case Simulation. *MedEdPORTAL*; 2014;10:9734. https://doi.org/10.15766/mep_2374-8265.9734
4. **Goldberg EM**, Laskowski-Kos U, Wu D, Gutierrez J, Bilderback A, Okelo S, Garro A. "The Pediatric Asthma Control and Communication Instrument for the Emergency Department (PACCI-ED) improves physician assessment of asthma morbidity in pediatric emergency department patients." *J Asthma*. 2014 Mar;51(2):200-8. PMID: 24219842.

5. Brody A, Twiner M, Kumar A, **Goldberg E**, McNaughton C, Souffront K, Millis S, Levy PD. Survey of Emergency Physician Approaches to Management of Asymptomatic Hypertension. *J Clin Hypertens (Greenwich)*. 2016 Sep 28. PMID: 27677856. PMCID: PMC5340606.
6. **Goldberg, EM**, and Levy PD. 2016. New Approaches to Evaluating and Monitoring Blood Pressure. *Curr Hypertens Rep* 18 (6):49. PMID: 27137524.
7. Brody AM, Sharma VK, Singh A, Kumar VA, **Goldberg EM**, Millis SR, Levy PD. Barriers to emergency physician diagnosis and treatment of uncontrolled chronic hypertension. *The American Journal of Emergency Medicine*. 2016 Nov;34(11):22412242. PMID: 27623082.
8. **Goldberg EM**, Wilson T, Saucier C, Brody AM, Levy PD, Eaton CB, Merchant RC. Achieving the BpTRUth: Emergency Department Hypertension Screening and the Centers for Medicare & Medicaid Services Quality Measure. *The Journal of the American Society of Hypertension*. 2017 May;11(5):290-294. PMID: 28412275.
9. **Goldberg EM**, Trivedi AN, Mor V, Jung HY, Rahman M. Favorable Risk Selection in Medicare Advantage: Trends in Mortality and Plan Exits Among Nursing Home Beneficiaries. *Medical care research and review : MCRR*. 2017;74(6):736-49. PMCID: PMC5303571.
10. **Goldberg EM**, Morphis B, Youssef R, Gardner R. An analysis of diagnoses that drive readmission: What can we learn from the hospitals in Southern New England with the highest and lowest readmission performance? *Rhode Island Medical Journal*. 2017;100(8):23-8. PMID: 28759896. PMCID: PMC5666576.
11. **Goldberg EM**, McCreedy E, Gettel C, Merchant RC. Slipping Through The Cracks: A cross-sectional study examining older adult emergency department patient fall history, post-fall treatment and prevention. *Rhode Island Medical Journal*. 2017;100(12):18-23. PMID: 29190838.
12. Wilson T, Williams-Johnson J, Gossel-Williams M, **Goldberg EM**, Wilks R, Dasgupta S, Gordon-Strachan G, Williams EW, Levy PL; "Elevated Blood Pressure and Illness Beliefs: A Cross-sectional Study of Emergency Department Patients in Jamaica." *International Journal of Emergency Medicine*. 2018;11(1):30.
13. **Goldberg EM**, Keohane L, Mor V, Trivedi AN, Jung H, Rahman M. Preferred provider relationships between Medicare Advantage plans and skilled nursing facilities reduce switching out of plans: An observational analysis. *INQUIRY: The Journal of Health Care Organization, Provision, and Financing*. 2018;55:0046958018797412.
14. Gettel CJ, Merchant RC, Li Y, Long S, Tam A, Marks SJ, **Goldberg EM**. The impact of incomplete nursing home transfer documentation on emergency department care. *Journal of the American Medical Directors Association*. September 2018.
15. **Goldberg EM**, Marks SJ, Merchant RC. National trends in the emergency department management of adult patients with elevated blood pressure from 2005 to 2015. *Journal of the American Society of Hypertension*. 2018;12(12):858-866.

16. **Goldberg EM**, Gettel C, Marks S, Long S, Lee Y, Tam A, Merchant R. Nursing Home Residents with Dementia Lack Vital Health Information on their Emergency Department Transfer Communication. *Journal of the American Geriatrics Society*. 2018;66:S153-S4.
17. **Goldberg EM**, Wilson T, Jambhekar B, Marks SJ, Boyajian M, Merchant RC. Emergency Department-Provided Home Blood Pressure Devices Can Help Detect Undiagnosed Hypertension. *High Blood Pressure & Cardiovascular Prevention*. 2019 Feb;26(1):45-53.
18. **Goldberg EM**, Resnik L, Marks SJ, Merchant RC. GAPcare: the Geriatric Acute and Post-acute Fall Prevention Intervention—a pilot investigation of an emergency department-based fall prevention program for community-dwelling older adults. *Pilot and Feasibility Studies*. 2019;5(1):106.
19. Long SE, Gettel CJ, Marks SJ, **Goldberg EM**. A Retrospective Analysis of Nursing Home to ED Transfer Correspondence Length and ED Length of Stay. *Rhode Island Medical Journal. R I Med J (2013)*. 2019;102(9):29-32.
20. **Goldberg EM**, Marks SJ, Ilegbusi A, Resnik L, Strauss DH, Merchant RC. GAPcare: The Geriatric Acute and Post-Acute Fall Prevention Intervention in the Emergency Department: Preliminary Data. *Journal of the American Geriatrics Society* 2020;68:198-206.
21. **Goldberg EM**, Gettel C, Hayes K, Shield R, Guthrie K. A Qualitative Program Evaluation of GAPcare: The Geriatric Acute and Post-acute Fall Prevention Intervention. *OBM Geriatrics*. 2019;3(4):20.
22. Gettel CJ, Hayes K, Shield RR, Guthrie KM, **Goldberg EM**. Care Transition Decisions After a Fall-related Emergency Department Visit: A Qualitative Study of Patients' and Caregivers' Experiences. *Acad Emerg Med*. 2020;27(9):876-86.
23. **Goldberg EM**, Marks SJ, Merchant RC, Nagy JL, Aquilante Jr JA, Beaudoin FL. How accurately do older adult emergency department patients recall their medications? *Acad Emerg Med*. 2020. PubMed PMID: 32438496; PubMed Central PMCID: PMC7679275.
24. Davoodi NM, Healy M, **Goldberg EM**. Rural America's Hospitals are Not Prepared to Protect Older Adults From a Surge in COVID-19 Cases. *Gerontol Geriatr Med* 2020;6:2333721420936168. PubMed PMID: 32685610; PubMed Central PMCID: PMC7343358.
25. **Goldberg EM**, Marks SJ, Resnik LJ, Long S, Mellott H, Merchant RC. Can an Emergency Department Initiated Intervention Prevent Subsequent Falls and Health Care Use in Older Adults? A Randomized Controlled Trial. *Annals of Emergency Medicine*. 2020;76(6):739-50. PubMed PMID: 32854965; PubMed Central PMCID: PMC7686139.
*****This study was given a 5 out of 6 stars rating for clinical impact in Emergency Medicine & Geriatrics by Annals of Internal Medicine in 2021 <https://t.co/TONcHAH7L3?amp=1>**
26. **Goldberg EM**, Bingaman CS, Perera S, Ranney ML. MyCOVIDRisk App: Development and Utilization of a COVID-19 Risk Assessment and Mitigation Application. *BMJ Innovations*. 2021;7(2):363. doi: 10.1136/bmjinnov-2021-000672.

27. Kline JA, Camargo CA, Jr., Courtney DM, Kabrhel C, Nordenholz KE, Aufderheide T, Baugh JJ, Beiser DG, Bennett CL, Bledsoe J, Castillo E, Chisolm-Straker M, **Goldberg EM**, House H, House S, Jang T, Lim SC, Madsen TE, McCarthy DM, Meltzer A, Moore S, Newgard C, Pagenhardt J, Pettit KL, Pulia MS, Puskarich MA, Southerland LT, Sparks S, Turner-Lawrence D, Vrablik M, Wang A, Weekes AJ, Westafer L, Wilburn J. Clinical prediction rule for SARS-CoV-2 infection from 116 U.S. emergency departments 2-22-2021. *PLoS One*. 2021;16(3):e0248438. Epub 2021/03/11. doi: 10.1371/journal.pone.0248438. PubMed PMID: 33690722; PMCID: PMC7946184.
28. Strauss D, Davoodi NM, Healy M, Metts C, Merchant RC, Banskota S, **Goldberg EM**. The Geriatric Acute and Post-acute Fall Prevention Intervention (GAPcare) II to Assess the Use of the Apple Watch in Older Emergency Department Patients with Falls: Protocol for a Mixed Methods Study. *JMIR Res Protoc*. 2021;10(4):e24455. Epub 2021/04/02. doi: 10.2196/24455. PubMed PMID: 33792553; PMCID: PMC8050745.
29. Hammouda N, Carpenter C, Hung W, Lesser A, Nyamu S, Liu S, Gettel C, Malsch A, Castillo E, Forrester S, Souffront K, Vargas S, **Goldberg EM**. Moving the Needle on Fall Prevention: A Geriatric Emergency Care Applied Research (GEAR) Network Scoping Review and Consensus Statement. *Acad Emerg Med*. 2021. Epub 2021/05/13. doi: 10.1111/acem.14279. PubMed PMID: 33977589.
30. Marks SJ, Long S, Deirmenjian A, **Goldberg EM**. Patient Adoption of Pharmacist Recommendations to Older Adults Presenting to Emergency Department with Falls: A Secondary Analysis of GAPcare. *Acad Emerg Med*. 2021. Epub 2021/05/26. doi: 10.1111/acem.14302. PubMed PMID: 34033186.
31. **Goldberg EM**, Jiménez FN, Chen K, Davoodi NM, Li M, Strauss DH, Zou M, Guthrie K, Merchant RC. Telehealth was Beneficial during COVID-19 for Older Americans: A Qualitative Study with Physicians. A qualitative study with physicians. *J Am Geriatr Soc*. 2021. Epub 2021/07/11. doi: 10.1111/jgs.17370. PubMed PMID: 34245165; PMCID: PMC8447382.
32. Hunold KM, **Goldberg EM**, Caterino JM, Hwang U, Platts-Mills TF, Shah MN, Rosen T for the Academy for Geriatric Emergency Medicine. Inclusion of Older Adults in Emergency Department Clinical Research: Strategies to Achieve a Critical Goal. *Acad Emerg Med*. 2021. Epub 2021/09/29. doi: 10.1111/acem.14386. PubMed PMID: 34582613.
33. Chen K, Dandapani H, Guthrie KM, **Goldberg EM**. Can Older Adult Emergency Department Patients Successfully Use the Apple Watch to Monitor Health? *R I Med J* (2013). 2021;104(6):49-54. Epub 2021/07/30. PubMed PMID: 34323880.
34. Davoodi NM, Chen K, Zou M, Li M, Jiménez F, Wetle TF, **Goldberg EM**. Emergency physician perspectives on using telehealth with older adults during COVID-19: A qualitative study. *Journal of the American College of Emergency Physicians Open*. 2021;2(5):e12577. doi: <https://doi.org/10.1002/emp2.12577>.
35. **Goldberg EM**, Hasegawa, K., Lawrence, A., Kline, J. A., & Camargo, Jr, C. A., Viral Coinfection is Associated with Improved Outcomes in Emergency Department Patients with SARS-CoV-2. *Western Journal of Emergency Medicine: Integrating Emergency Care with Population Health*. 2021;22(6). doi: <https://escholarship.org/uc/item/9wv508tr>.

36. Zullo AR, Riester MR, **Goldberg EM**, Cupp MA, Berry SD, Beaudoin FL. Differences in Skilled Nursing Facility Characteristics and Quality Ratings by Long-Term Care Pharmacy Provider. medRxiv. 2021:2021.08.31.21262894. doi: 10.1101/2021.08.31.21262894.
37. Carpenter CR, Hammouda N, Linton EA, Doering M, Ohuabunwa UK, Ko KJ, **Goldberg EM** et al. Delirium Prevention, Detection, and Treatment in Emergency Medicine Settings: A Geriatric Emergency Care Applied Research (GEAR) Network Scoping Review and Consensus Statement. Acad Emerg Med. 2021 Jan;28(1):19-35. PMID: 33135274. doi: 10.1111/acem.14166.
38. **Goldberg EM**, Lin MP, Burke LG, Jiménez FN, Davoodi NM, Merchant RC. Perspectives on Telehealth for older adults during the COVID-19 pandemic using the quadruple aim: interviews with 48 physicians. *BMC Geriatr*. 2022;22(1):188.
39. Li MM, Rising KL, **Goldberg EM**. Transitioning to telehealth? A guide to evaluating outcomes. Health Policy and Technology. 2022:100623. doi: <https://doi.org/10.1016/j.hlpt.2022.100623>.
40. **Goldberg EM**, Southerland LT, Meltzer AC, et al. Age-related Differences in Symptoms in Older Emergency Department Patients with COVID-19: Prevalence & Outcomes in a Multicenter Cohort. J Am Geriatr Soc. 2022.

OTHER PEER-REVIEWED PUBLICATIONS

1. Schroeder ED, Jacquet G, Becker TK, Foran M, **Goldberg E**, Aschkenasy M, Bertsch K, Levine AC. (Oct 2012). "Global emergency medicine: a review of the literature from 2011." *Acad Emerg Med* 19(10): 1196-1203. PMID: 22994394.
2. Jacquet GA, Foran M, Bartels S, Becker TK, Schroeder ED, Duber HC, **Goldberg E**, Cockrell H, Levine AC (Aug 2013); Global Emergency Medicine Literature Review (GEMLR) Group. "Global emergency medicine: a review of the literature from 2012." *Acad Emerg Med* 20(8): 853-43. PMID: 24033627.
3. **Goldberg EM**, Shah K, Shayne P. An Evidence-Based Approach To Managing Asymptomatic Elevated Blood in the Emergency Department. *Emergency Medicine Practice*. 2015; 17 (2):1-24. PMID: 26241470.
4. Wilson T, **Goldberg EM**. Do Nonopioid Medications Provide Effective Analgesia in Adult Patients With Acute Renal Colic? *Annals of Emergency Medicine*. 2016 May;67(5):591-2. PMID: 26804049.
5. **Goldberg EM**, Levy PD, McNaughton CD. When More Isn't Better: Visits for Hypertension: September 2016 Annals of Emergency Medicine Journal Club. *Annals of Emergency Medicine*. 2016;68(3):385-386. PMID: 27568422.
6. **Goldberg EM**, Levy PD, McNaughton CD. When More Isn't Better: Visits for Hypertension: Answers to the September 2016 Journal Club Questions. *Annals of Emergency Medicine*. 2017 Feb;69(2):257-262. PMID: 28126124.

7. Gettel C, **Goldberg EM**. Is the risk of bleeding among older adults with atrial fibrillation lower on antiplatelets compared to oral anticoagulants? *Annals of Emergency Medicine*. 2017 Nov 23. PMID: 29174831.
 8. Gettel C, Pertsch N, **Goldberg EM**. A Systematic Review of Interventions to Improve Nursing Home to Emergency Department Care Transitions. *Ann Longterm Care*. 2020;28(2):e12-e9. PubMed PMID: 32542070. PubMed Central PMCID: PMC7295263
 9. Banskota W, Geoghegan M, **Goldberg EM**. 15 Smartphone Apps for Older Adults to Use While in Isolation During the COVID-19 Pandemic. *Western J of EM* 2020;21(3):514-25. doi: 10.5811/westjem.2020.4.47372.
- *** Achieved 60 citations in first six months after publication
10. Gettel CJ, **Goldberg EM** (2020) Fall Prevention Intervention in the Emergency Department for Older Adults. *J Aging Sci*. 8:222. DOI: 10.35248/2329-8847.20.08.222
 11. Tracy E. Madsen, Valerie Dobiesz, Devjani Das, Kinjal Sethuraman, Pooja Agrawal, Amy Zeidan, **Elizabeth M. Goldberg**, Basmah Safdar, Michelle D. Lall. Unique Risks and Solutions for Equitable Advancement during the Covid-19 Pandemic: Early Experience from Frontline Physicians in Academic Medicine. *NEJM Catalyst*. 2020. doi: 10.1056/CAT.20.0268.
 12. Gettel C, Chen K, **Goldberg EM**. Dementia care, fall detection, and ambient assisted living technologies help older adults age in place: a scoping review. *Appl Gerontol*. 2021 Dec;40(12):1893-1902. doi: 10.1177/07334648211005868. Epub 2021 Apr 14. PMID: 33853428; PMCID: PMC8514579.
 13. **Goldberg EM**, Zullo A, Beaudoin FL. When One Size Doesn't Fit All: Agitation in Older Adults Requires a Tailored Approach. *Academic Emergency Medicine*. 2021 Oct;28(10):1200-1201. doi: 10.1111/acem.14267. Epub 2021 May 8. PMID: 33899982; PMCID: PMC8597583.
 14. Hunold KM, **Goldberg EM**, Caterino JM, Hwang U, Platts-Mills TF, Shah MN, et al. Inclusion of older adults in emergency department clinical research: Strategies to achieve a critical goal. *Acad Emerg Med*. 2021 Sep 28. PMID: 34582613. doi: 10.1111/acem.14386.
 15. Gettel CJ, Falvey JR, Gifford A, **Goldberg EM** et al. Emergency Department Care Transitions for Patients With Cognitive Impairment: A Scoping Review. *J Am Med Dir Assoc*. 2022.

BOOKS AND BOOK CHAPTERS

1. Geyer B, Goldberg EM. Emergency Medicine Research Handbook for Residents and Medical Students. Irving, Texas: Emergency Medicine Residents' Association, 2012.
2. Goldberg EM, Jauregui, J. "Research in Public Health." Emergency Medicine Research Handbook for Residents and Medical Students. Irving, Texas: Emergency Medicine Residents' Association, 2012. 14-17.
3. Van Ginkel C, Goldberg EM. "Status Epilepticus." The 5-Minute Clinical Consult 2015. Philadelphia, PA: Wolters Kluwer, 2015.

4. Goldberg EM. "Ankle Fractures." The 5-Minute Clinical Consult 2015. Philadelphia, PA: Wolters Kluwer, 2015.
5. Boustani A, Goldberg EM. "Myocarditis." The 5-Minute Clinical Consult 2015. Philadelphia, PA: Wolters Kluwer, 2015.
6. Modi P, Goldberg EM. "Rheumatic Fever." The 5-Minute Clinical Consult 2015. Philadelphia, PA: Wolters Kluwer, 2015.
7. Lieu C, Goldberg EM. "Diabetic Ketoacidosis." The 5-Minute Clinical Consult 2015. Philadelphia, PA: Wolters Kluwer, 2015.

PUBLICATIONS SUBMITTED OR IN PREPARATION

1. Goldberg EM, Ranney M. Social Media Use in Clinical Research White Paper (revise and resubmit, JMIR)

ABSTRACTS

1. Bornhorst, E. (2004, April). Identification of Specific Regions of Na, K-ATPase Alpha Isoform That Confer Unique Functional Roles Using Chimeric DNAs. Poster presented at: Miami University Undergraduate Research Forum; Oxford, OH.
2. Goldberg EM. Morel-Lavallee lesion of the knee. (Clinical image submission to the Society of Academic Emergency Medicine 2011 Conference) June 2011, Boston, MA.
3. Goldberg EM, Laskowski-Kos U, Wu D, Gutierrez, Bilderback A, Garro A, Okelo S. Can the Pediatric Asthma Control and Communication Instrument (PACCI) be used in the ED to improve clinicians' assessment of asthma control? Acad Emerg Med. (Poster presentation at 2012 Society of Academic Emergency Medicine Annual Meeting)
4. Laskowski-Kos U, Goldberg EM, Wu D, Gutierrez, Bilderback A, Garro A, Okelo S. Using The Pediatric Asthma Control and Communication Instrument (PACCI) to compare objective and subjective parent perceptions of asthma morbidity in emergency department and ambulatory settings. (Poster presentation at 2012 Pediatric Academic Societies' Annual Meeting)
5. Brody AM, Reed B, Dawood R, Janke A, Goldberg E, McNaughton C, and Levy PD. Survey of emergency physician approaches to management of asymptomatic hypertension. Acad Emerg Med 2015;22:S308-9.
6. Brody AM, Janke A, Reed B, Dawood R, Goldberg E, McNaughton C, Levy PD. Barriers to emergency physician diagnosis and treatment of asymptomatic hypertension. Acad Emerg Med 2015;22:S398-9.
7. Goldberg EM, Trivedi AN, Jung H, Mor V, Rahman M. A Decade of Spending and Switching: Trends in Mortality and Medicare Advantage Plan Exits Among Nursing

Home Beneficiaries. (Accepted for Podium Presentation at the Annual NRSA Research Trainees Conference, Boston, MA 2016)

8. Goldberg EM, Wilson T, Daniellson M, Saucier C, Brody AM, Levy PD, Eaton CE, Merchant RC. Achieving the BpTRUth: ED blood pressure measurement validity and the CMS hypertension quality measure. (Oral presentation at the 2016 Brown Emergency Medicine Research Symposium & 2016 Academy Health Meeting)
9. Stiebel M, Brody AM, Wilson T, Goldberg EM, Cannon C, Millis S, Levy PD. Emergency Physician Preferences for Antihypertensive Agents in a High Fidelity Simulation of Hypertensive Neurological Emergencies. (Oral presentation at the 2016 Society of Academic Emergency Medicine Annual Meeting)
10. Wilson T, Brody AM, Stiebel M, Goldberg EM, Cannon C, Millis S, Levy PD. Emergency Physician Adherence to Guideline-Based Therapy in a High Fidelity Simulation of Hypertensive Neurological Emergencies. (Oral presentation at the 2016 New England Regional Emergency Medicine Conference and 2016 Society of Academic Emergency Medicine Annual Meeting)
11. Goldberg EM, Keohane L, Mor V, Trivedi AN, Jung H, Rahman M. Tackling the Disenrollment Dilemma: When Nursing Home Beneficiaries Belong to the Facilities Most Popular Plan They Are Less Likely to Disenroll. (Poster presentation at the 2017 Academy Health Annual Meeting)
12. Goldberg EM, Ranney ML, Choo EK, Beck-Esmay J, Kass D. FemInEM: An Open Access Platform to Bring Women in Emergency Medicine Together. Academic Emergency Medicine. (February 2017 Supplement and Spotlight Oral presentation at the 2017 Society of Academic Emergency Medicine Annual Meeting)
13. Goldberg EM, Marks S, Merchant RC. Are There Disparities in Prescribing Practices for Emergency Department Patients with Elevated Blood Pressure? National Trends in Antihypertensive Medication Prescribing at Emergency Department Discharge from 2005-2012. (Oral presentation at the 2017 Society of Academic Emergency Medicine Annual Meeting)
14. Goldberg EM, Gettel C, Marks S, Merchant RC. Nursing Home Residents with Dementia Lack Vital Health Information on their Emergency Department Transfer Communication. (Poster Presentation at the 2018 American Geriatric Society Presidential Poster Session; Abstract # 2912726)
15. Gettel C, Goldberg EM. Does Completeness of Nursing Home Transfer Documentation Impact Emergency Department Admission. (Poster presentation at the 2018 Society of Academic Emergency Medicine Annual Meeting)
16. Gettel C, Goldberg EM. Does Completeness of Nursing Home Transfer Documentation Impact Emergency Department Admission. March 2018. (Lightening Oral Presentation at the 2018 New England Regional Meeting of the Society of Academic Emergency Medicine)

17. Long S, Gettel C, Marks S, Lee Y, Tam A, Goldberg EM. The Relationship between Length of Nursing Home to Emergency Department Transfer Correspondence and Emergency Department Length of Stay. June 2018. (Poster presentation at the 2018 Academy Health Annual Meeting)
18. Goldberg EM, Wilson T, Marks SJ, Merchant RC. Can home blood pressure monitoring assist in the detection of undiagnosed hypertension among emergency department patients with elevated blood pressure? October 2018. (Research Forum Presentation at 2018 American College of Emergency Physicians Annual Meeting, Abstract #892)
19. Gettel C, Hayes K, Makaretz A, Goldberg EM. You don't learn everything in one day: Qualitative study of seniors with fall-related ED visits. March 2019. (Oral Presentation at the 2019 New England Regional Meeting of the Society of Academic Emergency Medicine)
20. Goldberg EM, Marks SJ, Merchant RC. Feasibility and Initial Efficacy of GAPcare: the Geriatric Acute and Post-acute Fall Prevention Program February 2019. (Poster Presentation at the 2019 U13 Workshop on Embedding/Sustaining a Focus on Function in Specialty Research and Care; Platform oral at the 2019 New England Regional Meeting of the Society of Academic Emergency Medicine; Oral presentation at the 2019 Society of Academic Emergency Medicine)
21. Goldberg EM, Merchant RC, Marks SJ, Beaudoin FL. Medication recall and implications on safe prescribing in older adults who present to the ED. Oral presentation, 2019 New England Regional Meeting of the Society of Academic Emergency Medicine and 2019 Society of Academic Emergency Medicine Annual Meeting)
22. Goldberg EM, Gettel C, Makaretz A, Hayes K, Shields R. "Qualitative program evaluation of an Emergency Department-initiated fall prevention intervention. (Poster presentation, 2019 American Geriatric Society)
23. Makaretz A, Hayes K, Gettel C, Shield R, Goldberg EM. Qualitative program evaluation of an Emergency Department-initiated fall prevention intervention. Journal of the American Geriatrics Society. 2019;67:S323-S.
24. Goldberg EM, Marks SJ, Merchant RC. A pilot randomized controlled trial of GAPcare: the Geriatric Acute and Post-acute Fall Prevention Intervention: Feasibility and Acceptability. (Oral Presentation, 2019 ACEP Research Forum)
25. Goldberg EM, Merchant RC, Mor V, Resnik L. How to create a research app. (Poster Presentation, 2019 Beeson Conference, New Mexico)
26. Long S, Marks S, Merchant R, Goldberg E. Adherence to Recommended Medication Changes Among Geriatric Patients Presenting to the Emergency Department after a Fall: A Pilot Intervention Study (Poster Presentation at Academy Health, Boston, MA June 2020)

27. Marks S, Goldberg E. Variations in Emergency Department Care Among Older Americans with Falls Raises Concern for Missed Injuries and Undertreatment of Pain (Poster Presentation at Academy Health, Boston, MA June 2020)
28. Gettel CJ, Hung W, Carpenter C, Goldberg E, Nyamu S, Lesser A, Souffront K, Hammouda N, Forrester S, Malsch A, Castillo E, Liu S, Hwang U. Geriatric Emergency care Applied Research (GEAR) network: prioritizing research on falls (Poster presentation at 2020 Society of Academic Emergency Medicine Conference and New England Regional Meeting of the Society of Academic Emergency Medicine; Won Best Abstract at SAEM) ** canceled due to COVID-19
29. Chen K, Strauss DH, Goldberg EM. Recruiting Older Adults into an Emergency Department-Based Apple Watch Training Session and Field Testing Study. October 2020. (Oral Presentation at The Patient and the Practitioner in the Age of Technology: Promoting Healing Relationships, Providence, RI)
*via Zoom due to COVID-19
30. Strauss DH, Chen K, Goldberg EM. Apple Watch Usability in Older Adults: An Emergency Department-Based Protocol. October 2020. (Oral Presentation at The Patient and the Practitioner in the Age of Technology: Promoting Healing Relationships)
*via Zoom due to COVID-19
31. Goldberg EM. MyCovidRisk.app. (Poster Presentation, 2020 Beeson Conference)
*via Zoom due to COVID-19
32. Goldberg EM, Metts C, Resnik LJ, Merchant RC. RI FitTest: The Development of an Apple Watch App and Research Protocol to Collect Cognitive, Motor, and Fall Data from Older Adults with Falls. (Oral Presentation at The Patient, the Practitioner, and the Computer: Promoting Healing Relationships in the Age of Technology (Section: Human Centered HIT and Patient-Empowering Technologies), Brown University, Providence, RI. January 8th, 2021)
*via Zoom due to COVID-19
33. Chen K, Strauss DH, Davoodi NM, Li M, & Goldberg EM. Meeting Older Adult Health Needs with Telehealth: Challenges and Solutions from Primary Care Physicians and Geriatricians. March 2021. (Poster Presentation at Rhode Island Chapter of American College of Physicians Annual Scientific Meeting)
34. Zou M, Jiménez F, Davoodi NM, Li M, & Goldberg EM. Emergency Physician Perspectives on Using Telehealth to Meet Older Adult Needs During COVID-19. April 2021 (Oral Presentation at New England Regional Meeting of the Society for Academic Emergency Medicine 2021)
35. Jiménez F, & Goldberg EM. Frontline Physician Telehealth Adoption with Older Adult Patients During the Coronavirus Disease 2019 Pandemic: A Qualitative Analysis. April 2021. (Poster Presentation at Brown University Public Health Research Day 2021)

36. Zou M, Jiménez F, Davoodi NM, Li M, & Goldberg EM. Emergency Physician Perspectives on Using Telehealth to Meet Older Adult Needs During COVID-19. April 2021. (Oral Presentation at Brown University Emergency Medicine Research Symposium 2021)
37. Dandapani H, Chen K, Strauss D, Jiménez F, & Goldberg EM. Geriatricians' Strategies for Improving Telehealth Care and Access during COVID-19: A Qualitative Study. May 2021 (Oral Presentation at American Geriatrics Society 2021 Virtual Annual Scientific Meeting)
38. Chen K, Strauss DH, Davoodi NM, Li M, & Goldberg EM. Insights into Telehealth Use Cases for Older Adults during COVID-19: Interviews with Primary Care Physicians and Geriatricians. June 2021 (Poster Presentation at Academy Health 2021 Annual Research Meeting)
39. Joerg, L., Davoodi, N., Goldberg, E.M., 2021. 65 Interviews With Emergency Physicians on Telehealth During COVID-19 and its Role in Caring for Older Americans. *Annals of Emergency Medicine* 78, S32.. doi:10.1016/j.annemergmed.2021.07.067 (Oral Presentation at American College of Emergency Physicians 2021 COVID-19 Research Forum)
40. Bingaman, C., Wang, R., Haut, A., Hester, J., Perera, S., Goldberg, E., Ranney, M., 2021. 3 MyCOVIDrisk: User Experience Study Of COVID-19 Risk Assessment and Mitigation Application. *Annals of Emergency Medicine* 78, S2.. doi:10.1016/j.annemergmed.2021.07.004 (Oral Presentation at American College of Emergency Physicians 2021 COVID-19 Research Forum)

SCHOLARY WORK PUBLISHED IN OTHER MEDIA

Active on Twitter @LizGoldbergMD, with >2,900 followers

PEER-REVIEWED

1. **"How to tackle the scholarly project: An interview with Brian Roberts, MD."** *EM Resident*, Research Section, Volume 38, Issue 5, 14-15.
2. **"Racism in Academic EM: Finding a Way Forward by Embracing Policies That Benefit Black Physician Recruitment and Retention."** Wilson T, **Goldberg EM**. Featured article in *Racism is a Public Health Crisis*. *SAEM Pulse*, September 2020, Page 14-15.
3. **"8 Things Your Doctor Wants You to know about High Blood Pressure."** Interview for Health Grades on hypertension management.
<https://www.healthgrades.com/conditions/8-things-your-doctor-wants-you-to-knowabout-high-blood-pressure>
 (August 2016)
4. **"Slip, trips, and falls – Why they matter to seniors"**

Blog post on falls and the GAPcare clinical trial - Lifespan Health System
<https://www.lifespan.org/lifespan-living/slips-trips-falls-why-matter-seniors>
 (July 2018)

5. **“My Turn: Teacher Absences Hurt Children”**
 OP-Ed about how to address parent concerns about school performance and its association with teacher absenteeism – Providence Journal
<https://www.providencejournal.com/opinion/20190129/my-turn-liz-goldberg-teacherabsences-hurt-students>
 (February 2019)
6. **“SAEM Academic Promotion Toolkit: The Quick Guide to Promotion for the Uninitiated”**
https://issuu.com/saemonline/docs/saem_academic_promotion_toolkit
 (February 2020)
7. **“How to Improve Health Outcomes for Older Americans”**
 Op-Ed in the Wall Street Journal about developing geriatric specific protocols in emergency departments and supporting geriatric emergency departments with federal policies
 (February 2020)
8. **“Do It For Our Kids”**
 Op-Ed in Convergence RI about air quality and the effects of pollution on sensitive receptors (students) health and academic performance
 (February 2021)
9. **“Improving Prescribing to Older Adults in the Emergency Department.”**
 AudioDigest Emergency Medicine 38:04
 (February 2021)
10. **“Top Five Ways to Improve Care of Older Adults.”**
 AudioDigest Emergency Medicine 38:04
 (February 2021)
11. **“Medication Management: How to Improve Your Prescribing for Older Adults in the Emergency Department.”**
 In: Vaughan C, Lyden A, eds. AGS Geriatrics Emergency Department Collaborative Educational Curriculum: Medication Management Module. New York, NY: *American Geriatrics Society*. Available at: <https://gedcollaborative.com/>
 (2021)
12. **“The High Cost of Denying Payments for ER Care”**
 Op-Ed in Convergence RI about UnitedHealthcare plans to deny emergency room claims
<http://newsletter.convergenceri.com/stories/the-high-cost-of-denying-payments-for-er-care.6653>
 (July 2021)
13. **“The Elderly ED Patient Who Falls, are We Making STRIDEs in Their Treatment?”**

Richard Shih, MD, Elizabeth M Goldberg, MD, Shan W. Liu, MD, and Christopher R. Carpenter, MD. AAEM Common Sense. September October Issue 2021. (October 2021)

PODCASTS

1. **“AWAEM Anniversary Interviews: 10 Year Anniversary Edition”** Feminem
<https://feminem.org/podcast/awaem-anniversary-interviews-10-years-of-progresselizabeth-goldberg-md-scm-facep/>
 (April 2019)
2. **“Geriatric Emergency Medicine”** EM:RAP with Michelle Lin
<https://www.emrap.org>
 (July 2019)
3. **“Enhancing the Quality of Prescribing Practices among Older Adults Discharged from the Emergency Department”**
 Blue Cross Blue Shield of Rhode Island Podcast
 (August 2019)
4. **“How to Prevent Falls with PTs and MDs”** PT Pintcast – A podcast for physical therapists
 ~70K listens/month <https://www.ptpintcast.com/>
 (September 2019)
5. **“Foxcast PT: Preventing falls with GAPcare with Dr. Elizabeth Goldberg MD”** Foxcast PT – A podcast for physical therapists
<https://www.foxrehab.org/podcast/foxcast-pt-preventing-falls-with-gapcare-with-drelizabeth-goldberg-md/>
 (October 2019)
6. **“How to Stop Geriatrics from Free-Falling”** The Skeptics Guide to EM (SGEM)
<https://thesgem.com/2021/11/sgem351-how-to-stop-geriatrics-from-free-fallin/>
 1.85 Million Twitter impressions
 (November 2021)
7. **“Preventing Falls in the Emergency Department”**
 GEMCAST
 (May 2022)

PRESS RELEASES/INTERVIEWS ABOUT SCHOLARLY WORK AND COMMUNITY SERVICE

41. “Blue Cross & Blue Shield of Rhode Island teams up with Brown Emergency Medicine to roll out EQUIPPED program” <https://www.bcbsri.com/newsroom/press-releases/blue-cross-blue-shield-rhode-islandteams-brown-emergency-medicine-roll-out>

Blue Cross Blue Shield Rhode Island
(June 2019)

42. “Blue Cross & Blue Shield of Rhode Island, Brown launch initiative to reduce adverse drug events” <https://www.fiercehealthcare.com/payer/blue-cross-blue-shield-rhode-island-brownlaunch-initiative-to-reduce-adverse-drug-events>

Fierce Healthcare
(June 2019)

43. “BCBSRI Program Aims to Lower Senior Adverse Drug Events by 20%” <https://healthpayerintelligence.com/news/bcbsri-program-aims-to-lower-senior-adversedrug-events-by-20> Health Payer Intelligence

(July 2019)

44. “Our providers ‘MET’ the challenge” <https://www2.bcbsri.com/about-us/news-events/blog/our-providers-‘met’-challenge>

Blue Cross Blue Shield Rhode Island
(August 2019)

45. “Teaching ER docs safe prescribing for older adults” <https://www.bcbs.com/the-health-of-america/articles/teaching-er-docs-safe-prescribingolder-adults>

Blue Cross Blue Shield, National Headquarters
(October 2019)

46. “Five Questions With Dr. Elizabeth Goldberg” <https://pbn.com/five-questions-with-dr-elizabeth-goldberg/>

Providence Business News
(December 2019)

47. Covid Chronicles: Dr. Liz Goldberg, Lifespan Emergency Physician”

<https://www.rimonthly.com/covid-chronicles-liz-goldberg-emergency-physician/>

Rhode Island Monthly
(April 2020)

48. Pulse of Providence: Dr. Elizabeth Goldberg (Episode 6)

<https://www.wpri.com/news/pulse-of-providence/pulse-of-providence-dr-elizabeth-goldberg-episode-6/>

WPRI.com Channel 12
(September 2020)

49. COVID-19 Update: Dr. Liz Goldberg

MSNBC

(November – December 2020)

50. COVID-19 Update: Dr. Liz Goldberg

WPRI

(November – December 2020)

51. COVID-19 Update: Dr. Liz Goldberg
NBC10
(November – December 2020)
52. COVID-19 Update: Dr. Liz Goldberg
Vaccine Diplomacy
Central China TV
(November – December 2020)
53. MyCovidRisk app
NBCLx
(December 2020)
54. Children and teachers first
Innovation ecosystem/opinion
Interview with Richard Asinof on Air Pollution in Rhode Island
Convergence RI
(March 2021)

INVITED PRESENTATIONS

International

1. **“RI FitTest: The Development of an Apple Watch App and Research Protocol to Collect Cognitive, Motor, and Fall Data from Older Adults with Falls”**
Brown International Conference: Patient and the Practitioner in the Age of Technology
***via zoom due to COVID-19
(January 2021)
2. **“GAPcare: The Geriatric Acute and Post-acute Fall Prevention Intervention”**
3rd Annual Older Adult Falls Prevention Symposium
New York-Presbyterian/Weill Cornell Medicine; The Carter-Burden Network
***via zoom due to COVID-19
(September 2021)

Grand Rounds

1. **“EQUIPPED: Enhancing Quality of Prescribing Practices for Older Adults Discharged from the Emergency Department”**
Department of Emergency Medicine Grand Rounds, Brown University
Providence, RI
(August 2019)
2. **“Usability of the Apple Watch in Older Adults”**
Department of Emergency Medicine Grand Rounds, Brown University
Providence, RI
(February 2020)

3. **“A Team Approach to Safe Discharge and Fall Prevention for Older ED Patients”**
Department of Emergency Medicine Grand Rounds, University of Vermont
Burlington, VT
(March 2020)
4. **“GAPcare: The Geriatric Acute and Post-Acute Fall Prevention Intervention”**
Department of Emergency Medicine Grand Rounds, Boston Medical Center
Boston, MA *via zoom due to COVID-19
(April 2020)
5. **“A Team Approach to Safe Discharge and Fall Prevention for Older ED Patients”**
Department of Emergency Medicine Grand Rounds and Research Day Moderator, Ohio State University
Columbus, OH *via zoom due to COVID-19
(April 2020)
6. **“A Team Approach to Safe Discharge and Fall Prevention for Older ED Patients”**
Department of Emergency Medicine Grand Rounds, Mayo Clinic
Rochester, MN *via zoom due to COVID-19
(May 2020)
7. **“A Team Approach to Safe Discharge and Fall Prevention for Older ED Patients”**
Department of Emergency Medicine Grand Rounds
Madison, WI *via zoom due to COVID-19
(March 2021)
8. **“Geriatric Emergency Medicine Pearls: Medication Safety & Injury Prevention”**
Hospital Wide Grand Rounds, Lawrence General Hospital
Lawrence, MA *via zoom due to COVID-19
(October 2021)
9. **“The 5 Traits of Exceptional People & How to Use Them to Master the Geriatric Patient Encounter”**
Department of Emergency Medicine Grant Grounds, Mayo Clinic
Rochester, MN *via zoom due to COVID-19
(November 2021)

National

10. **“Prediction of Hypertension Based Upon Emergency Department (ED) Blood Pressure Readings and Congruence with ED Attendings’ Predictions of Hypertension with Results of Home Blood Pressure Monitoring (HBPM)”**
“Lion’s Den” Society of Academic Emergency Medicine Annual Meeting
Dallas, TX
(May 2014)
11. **“Idiopathic Intracranial Hypertension”**
Faculty Discussant/Presenter

Clinical Pathologic Case Presentation Semi-Finals,
Council of Emergency Medicine Residency Directors (CORD) Annual Meeting
Phoenix, AZ
(April 2015)

12. “Survey of emergency physician approaches to management of asymptomatic hypertension.”

Society of Emergency Medicine (SAEM) e-poster presentation,
San Diego, CA
(May 2015)

13. “Achieving Your Full Potential: Incorporating Gender into Faculty Development”

Society of Emergency Medicine (SAEM) didactic, San Diego, CA
CME Conference Workshop Submitter
(May 2015)

14. “Patient centered outcomes: Top Ten Tips to Make A Difference.”

Society of Emergency Medicine (SAEM) Ignite presentation,
New Orleans, LA
(May 2016)

15. “Building Your Brand – Tools to Develop a Successful Career.”

Society of Emergency Medicine (SAEM) didactic presentation,
½ Day Preconference Didactic Submitter & Moderator
New Orleans, LA
(May 2016)

16. “Hybrid Careers in Emergency Medicine: the What, When, and How Tos.”

Society of Emergency Medicine (SAEM) didactic presentation,
Didactic Submitter & Moderator
New Orleans, LA
(May 2016)

17. “FemInEM: An Open Access Platform to Bring Women in Emergency Medicine Together.”

Society of Academic Emergency Medicine Annual Meeting Spotlight Oral presentation Orlando, FL
(May 2017)

18. “Are There Disparities in Prescribing Practices for Emergency Department Patients with Elevated Blood Pressure? National Trends in Antihypertensive Medication Prescribing at Emergency Department Discharge from 2005-2012.”

Society of Academic Emergency Medicine Annual Meeting Lightning Oral presentation Orlando, FL
(May 2017)

19. “Tackling the Disenrollment Dilemma: When Nursing Home Beneficiaries Belong to the Facilities Most Popular Plan They Are Less Likely to Disenroll.”

Poster Presentation,

Academy Health Annual Meeting
New Orleans, LA
(June 2017)

20. “GAPcare: the Geriatric Acute and Post-acute Fall Prevention Program”

2018 EMF/SAEMF Grantee Workshop
Bethesda, MD
(January 2018)

21. “Team Science: Perspectives from NIA GEMSSTAR Grantees”

2019 U13 GEMSSTAR Conference
Bethesda, MD
(March 2018)

22. “Nursing Home Residents with Dementia Lack Vital Health Information on their Emergency Department Transfer Communication.”

Poster Presentation, American Geriatric Society Meeting
Orlando, FL
(May 2018)

23. “Does Completeness of Nursing Home Transfer Documentation Impact Emergency Department Admission.”

Society of Academic Emergency Medicine Annual Meeting Lightning Oral Presentation
Indianapolis, IN
(May 2018)

24. “GAPcare: the Geriatric Acute and Post-acute Fall Prevention Program – Preliminary Findings”

Poster Presentation, U13 Workshop on Embedding/Sustaining a Focus on Function in Specialty Research and Care
Washington, DC (February 2019)

25. “Medication recall and implications on safe prescribing in older adults who present to the ED”

Oral presentation, Society of Academic Emergency Medicine Annual Meeting
Las Vegas, NV
(May 2019)

26. “Qualitative program evaluation of an Emergency Department-initiated fall prevention intervention”

Poster presentation, American Geriatric Society
Portland, OR
(May 2019)

27. “A pilot randomized controlled trial of GAPcare: the Geriatric Acute and Postacute Fall Prevention Intervention: Feasibility and Acceptability”

Oral Presentation, American College of Emergency Physicians Annual Conference
Research Forum

Denver, CO
(October 2019)

28. “GAPcare: the Geriatric Acute and Postacute Fall Prevention Intervention”

Oral Presentation, Acute Care for Elders Conference
Milwaukee, Wisconsin *via zoom due to COVID-19
(November 2020)

29. “GAPcare: the Geriatric Acute and Postacute Fall Prevention Intervention”

Oral Presentation, Advocate Aurora Health Geri ED Booster
Milwaukee, Wisconsin *via zoom due to COVID-19
(November 2020)

30. Oral Presentation, Advocate Aurora Health Geri ED Booster

Milwaukee, Wisconsin *via zoom due to COVID-19
(November 2020)

31. “Falls Assessment in the Geriatric ED”

Oral Presentation, The Geriatric Emergency Department Collaborative
(November 2021)

32. “Meeting the Health Needs of Older Adults via Telehealth”

Oral Presentation, COVID Information Commons Research Webinar
(October 2021)

Local and Regional

1. “Carbamazepine Toxicity”

Department of Emergency Medicine, Alpert Medical School of Brown University
Monthly toxicology conference
(December 2010)

2. “The prediction of acute kidney injury in septic shock”

Department of Emergency Medicine, Alpert Medical School of Brown University Monthly
journal club
(April 2011)

3. Tar Wars Speaker

Tar Wars Rhode Island Program, Providence, RI
Motivational speaking to fifth graders at local elementary schools to prevent tobacco use
(2011)

4. “Missed and Delayed Diagnosis in Trauma”

Department of Emergency Medicine, Alpert Medical School of Brown University
Monthly emergency medicine & trauma surgery joint conference (January
2012)

5. **“Can the Pediatric Asthma Control and Communication Instrument (PACCI) be used in the ED to improve clinicians’ assessment of asthma control?”**
New England Society of Academic Emergency Medicine Conference,
Springfield, MA
Lightening oral presentation at the SAEM regional conference
(March 2012)
6. **Monthly Morbidity and Mortality Conference**
Department of Emergency Medicine, Alpert Medical School of Brown University
Present cases at residency conference and moderate the discussion (2012 – 2013)
7. **“New Devices in Cardiopulmonary Resuscitation”**
Department of Emergency Medicine, Alpert Medical School of Brown University Medical
student core lecture series
(June 2012)
8. **Morning Report Lecture Series**
Department of Emergency Medicine, Alpert Medical School of Brown University
Various topics including: Discussion of EKGs, toxicology, cardiac emergencies with junior
residents and medical students – 2013)
9. **"PHP 1680K, Introduction to conducting clinical research"**
Spoke on a research panel about research during residency
Brown University
(March 2013)
10. **“Oxygen Saturation Can Predict Pediatric Pneumonia in a Resource-Limited Setting"**
Lightening oral presentation at the SAEM regional conference
New England Society of Academic Emergency Medicine Conference,
Providence, RI
(March 2013)
11. **“Pediatric seizure and apnea” & “Motor vehicle accident”** Simulation Center National Youth
Leadership Forum Lecture Series
Department of Emergency Medicine, Alpert Medical School of Brown University (June
2013)
12. **“Gallstone Ileus”** Faculty Discussant
Clinical Pathological Case Presentation Finals,
Department of Emergency Medicine, Alpert Medical School of Brown University (October
2014)
13. **“Postdoctoral Candidate Presentation: Asymptomatic Elevated Blood Pressure in the
Emergency Department”**
Center of Gerontology and Healthcare Research, Brown University School of Public Health
(January 2015)

14. **“Pericarditis”**
Chest pain small group session, resident conference didactic,
Department of Emergency Medicine, Alpert Medical School of Brown University (August 2015)

15. **“Debriefing after tragedy on shift for Emergency Medicine Physicians”**
Department of Emergency Medicine, Alpert Medical School of Brown University (October 2015)

16. **“Writing a Quality Manuscript”**
Emergency Medicine Research Education Curriculum Series,
Department of Emergency Medicine, Alpert Medical School of Brown University (April 2016)

17. **“Evaluating Hypertension Guideline Compliance in US Emergency Departments Using the NHAMCS Public Use Files”**
Center of Gerontology and Healthcare Research,
Brown School of Public Health
(July 2016)

18. **“Are There Disparities in Prescribing Practices for Emergency Department Patients with Elevated Blood Pressure? National Trends in Antihypertensive Medication Prescribing at Emergency Department Discharge from 2005-2012.”**
New England Society of Academic Emergency Medicine Annual Meeting Lightning Oral presentation Worcester, MA
(March 2017)

19. **“The Affordable Care Act: What Does A Repeal Mean for Me”**
Guest Speaker for Brown Undergraduate Class “PHP1520 Emergency Medical Systems: An Anatomy of Critical Performance”
Brown University
(March 2017)

20. **“Referral Practices for Emergency Department Patients with Elevated Blood Pressure in a National Sample of Emergency Department Visits”**
Department of Epidemiology Research Day Presentation
Brown School of Public Health
(April 2017)

21. **“Improving Nursing Home-Emergency Department Communication: Gaps in the Continuity of Care Form Impact Nursing Home Resident Outcomes”**
Center of Gerontology and Healthcare Research Brown Bag Series
Brown School of Public Health
(April 2017)

22. **“GAPcare: the Geriatric Acute and Post-acute Fall Prevention Program”**

Center of Gerontology and Healthcare Research Internal Grant Review Series
Brown School of Public Health
(April 2017)

23. “Writing a Quality Manuscript”

Emergency Medicine Research Education Curriculum Series,
Department of Emergency Medicine, Alpert Medical School of Brown University (April 2017)

24. “GAPcare: the Geriatric Acute and Post-acute Fall Prevention in the Emergency Department”

Center of Gerontology and Healthcare Research Brown Bag Series
Brown School of Public Health
(February 2018)

25. “Emergency Care and Older Adults: Design challenges”

Advanced Design: Studio “ID-24ST-13”
Department of Industrial Design
Rhode Island School of Design
(March 2018)

26. “Writing a Quality Manuscript”

Emergency Medicine Research Education Curriculum Series,
Department of Emergency Medicine, Alpert Medical School of Brown University (April 2018)

27. “Big Data”

Emergency Medicine Research Education Curriculum Series,
Department of Emergency Medicine, Alpert Medical School of Brown University (April 2018)

28. “Care Transitions Improvement Project”

Blue Cross & Blue Shield of Rhode Island Skilled Nursing Facility Quality Forum
Providence, RI
(June 2018)

29. “GeriRADE: Geriatric Pilot to Reduce Adverse Drug Events in the Emergency Department”

Blue Cross & Blue Shield of Rhode Island Medical Expense Trend Summit
Providence, RI
(July 2018)

30. “Geriatric Genitourinary Emergencies”

Department of Emergency Medicine Core Lecture Series, Brown University
Providence, RI
(August 2018)

- 31. “Sensor-Based Technology to Improve Emergency Department Management of Seniors with Falls”**
Internal Grant Review Series
Center of Gerontology & Healthcare Research
Brown University School of Public Health
Providence, RI
(October 2018)
- 32. “GAPcare: the Geriatric Acute and Post-acute Fall Prevention Study: Feasibility, Acceptability, and Initial Efficacy”**
New England Regional Meeting of the Society of Academic Emergency Medicine
Worcester, MA
(March 2019)
- 33. “Medication recall and implications on safe prescribing in older adults who present to the ED”**
New England Regional Meeting of the Society of Academic Emergency Medicine
Worcester, MA (March 2019)
- 34. “End-of-Life Care during COVID-19”**
Department of Emergency Medicine, Brown University
Providence, RI *via zoom due to COVID-19
(May 2020)
- 35. “Mental Health Supports for Emergency Physician during COVID-19”**
Department of Emergency Medicine, Brown University
Providence, RI *via zoom due to COVID-19
(November 2020)
- 36. “Making the Invisible Visible – Assessing Risk in a Pandemic”**
Oshean
Providence, RI
(December 2020)
- 37. “COVID-19 Listening Session”**
Facilitator
Department of Emergency Medicine, Brown University
Providence, RI *via zoom due to COVID-19
(January 2021)
- 38. “Leveraging Local Resources to Get a Career Development Award”**
AdvanceCTR Lecture Series
Providence, RI
(January 2021)
- 39. “Path to the K and Time Management”**
Advance-K Bi-Weekly Meeting

Providence, RI
(February 2021)

40. “Building Bridges in Med Tech & Digital Health”

Brown-Lifespan Center for Digital Health
Nelson Center for Entrepreneurship
Brown MedVenture Group
Virtual Conference
(March 2021)

41. “Monoclonal Antibody Therapy for COVID-19”

Department of Emergency Medicine, Alpert Medical School of Brown University
Monthly journal club
(August 2021)

42. “Health & Safety Townhall”

on COVID Reopening (Spanish/English)
Providence Public School District
Virtual Conference
(September 2021)

43. “Staying Healthy for the Holiday”

Town Hall on child and adolescent health together with RI
Department of Health (Drs. Phil Chan & Jim McDonald) (Spanish/English)
Providence Public School District
Virtual Conference
(December 2021)

44. “COVID-19 – What We Learned From the Pandemic”

Rhode Island AARP Tele Townhall
Attended by over 1,000 AARP members in Rhode Island
(March 2022)

GRANTS

PENDING

1. Expanding the Reach of a Fall Prevention Intervention for Older Adult Emergency
Department Patient through Telehealth
Rhode Island Hospital Injury Control Center for Biomedical Research Excellence (COBRE)
NIGMS P20 (PI: Mello)
Junior Faculty PI: 50% FTE
July 2022 – July 2027

ONGOING:

1. GAPcare II: The Geriatric Acute & Post-acute Care Coordination Program for Fall Prevention in the Emergency Department. (Principal Investigator). (\$225,000), Awarded by the National Institute of Health (NIA), Paul B. Beeson Emerging Leaders Career Development Award in Aging. K76AG059983.

September 1, 2019 – September 1, 2024

2. GAPcare II: The Geriatric Acute & Post-acute Care Coordination Program for Fall Prevention in the Emergency Department. **COVID-19 Supplement** (Principal Investigator). (\$100,000), Awarded by the National Institute of Health (NIA), Paul B. Beeson Emerging Leaders Career Development Award in Aging. K76AG059983.
September 1, 2020 – September 1, 2021
3. GAPcare II: The Geriatric Acute & Post-acute Care Coordination Program for Fall Prevention in the Emergency Department. **Retention Supplement** (Principal Investigator). (\$50,000), Awarded by the National Institute of Health (NIA), Paul B. Beeson Emerging Leaders Career Development Award in Aging. K76AG059983.
January 1, 2022 – December 31, 2022
4. GAPcare II: The Geriatric Acute & Post-acute Care Coordination Program for Fall Prevention in the Emergency Department.
Brown Physicians Inc., Academic Assessment
Principal Investigator: \$50,000 salary support
September 1, 2021 – September 1, 2022

PENDING RESUBMISSION

1. Ensuring Medication Ingestion Without Altering Existing Medication Regimen
National Institute on Aging
SBIR (PI: Carnes)
Co-Investigator: \$36,224

COMPLETED:

1. Apple Investigator Grant. (Principal Investigator). (Apple Watch products), Awarded by Apple for GAPcare II.
September 1, 2020 – September 1, 2021
2. GAPcare II: The Geriatric Acute & Post-acute Care Coordination Program for Fall Prevention in the Emergency Department. (Principal Investigator). (\$50,000), Awarded by Brown Physicians Inc., Academic Assessment. September 1, 2019 – September 1, 2020
3. Project RECOVER. The Multicenter Registry of potential COVID-19 in emergency care, Sub-award. (Site Principal Investigator). (\$10,000). April 1, 2020 – September 2020.
4. Health-Related Technology Use and Quality of Life in Older Adults. (Mentor, Mentee: Banskota). (\$12,256). Awarded by the National Institute of Health (NIA), Boston Medical Student Training in Aging Research (MSTAR). T35AG038027-10.
June 1, 2020 - September 2020
5. Nurse Innovator in Aging Program. Faculty Innovation Grant (Principal Investigator). (\$7,000), Awarded by the Department of Emergency Medicine, Brown University. October 2018 – September 2019.

6. GAPcare. SAEMF/EMF GEMSSTAR for Emergency Medicine Supplemental Funding. (Principal Investigator). (\$25,000), Awarded by the Society for Academic Emergency Medicine Foundation and the Emergency Medicine Foundation, RF2017-010. September 1, 2017 – August 31, 2019
7. GAPcare: The Geriatric Acute & Post-acute Care Coordination Program for Fall Prevention in the Emergency Department. (Principal Investigator). (\$120,000), Awarded by the National Institute of Health (NIA), Grants for Early Medical/Surgical Specialists' Transition to Aging (GEMSSTAR), R03AG056349. July 1, 2017 – June 30, 2020
8. Institutional Health Services Training Grant. (Post-doctoral Fellow; Principal Investigator: Vincent Mor, PhD). (\$54,216 salary; \$16,000 tuition; \$1000 travel), Awarded by the Agency for Healthcare Research and Quality (AHRQ), T32 HS000011- July 2015 – July 2018
9. FemInEM Idea Exchange (FIX) 2018 Travel Award. (Faculty Awardee). (\$1,100), Awarded by the Department of Emergency Medicine. February 2018.
10. Improving Nursing Home-Emergency Department Communication: Gaps in the Continuity of Care Form Impact Nursing Home Resident Outcomes. (Mentor; Resident: Cameron Gettel, MD). (\$2,000) Lifespan GME Office. GMEC Award for Support of Quality and Safety Research Projects. July 31, 2017 – July 31, 2019.
11. Home Blood Pressure Monitoring to Track Post-Discharge Blood Pressures in At Risk Individuals. (Principal Investigator). (\$22,222), Awarded by Rhode Island Foundation Medical Research Grant. RIF20154162. May 2016- May 2017
12. Academy Health Conference Travel Award. (Fellow Awardee). (\$650), Awarded by the Brown University School of Public Health. June 2016.
13. Prediction of Hypertension Based Upon Emergency Department (ED) Blood Pressure Readings and Congruence with ED Attendings' Predictions of Hypertension with Results of Home Blood Pressure Monitoring (Principal Investigator; faculty advisor to medical student Michael Boyajian). (\$3,500), Awarded by Brown University, Department of Emergency Medicine as part of Summer Research Assistantship in Emergency Medicine (SRA-EM). June 2016 – August 2016
14. Prediction of Hypertension Based Upon Emergency Department (ED) Blood Pressure Readings and Congruence with ED Attendings' Predictions of Hypertension with Results of Home Blood Pressure Monitoring. (Principal Investigator; faculty advisor to undergraduate student Maxwell Danielsson). Awarded by Brown University. June 2014 – August 2014
15. Is Emergency Department Hypertension Predictive of Future Hypertension? (Principal Investigator). (\$39,996) University Emergency Medicine Foundation

(UEMF) Faculty Development Grant, awarded by Brown University, Department of Emergency Medicine, July 2014 – July 2015

16. Bilingual CPR Training Day. (Principal Investigator). (\$1,000), Local Action Grant awarded by Emergency Medicine Residents' Association. Awarded biannually to a resident that demonstrates extraordinary commitment to community service; conceived of and executed a community-based training intervention to teach Basic Life Support to Rhode Island Free Clinic patients in English and Spanish. 2011

CONSULTING

1. EQUIPPED: Enhancing Quality of Prescribing Practices for Older Adults Discharged from the Emergency Department (Principal Investigator). Blue Cross & Blue Shield of Rhode Island. March 2019 – December 2020.
2. ED Data Advisory Committee - Alcohol Related Falls Prevention Among Older Adults (Expert Panelist). Institute for Public Health Innovation. December 2019 – July 2020.
3. TerSera Therapeutics – Advisory Committee for IV Cetirizine December 2020 – February 2021
4. CDC – Analysis of Geriatric Falls, Patterns of Injury and Alcohol/Medication/Drug Exposure Proposal (STEADI Tox) November 2021

UNIVERSITY TEACHING ROLES

Undergraduate

Instructor, BIOL1950/1960 (Independent Research Study for Brown University undergraduates) (1-3 students/year)

2014-2015	Maxwell Danielsson	Brown '15
2018-2019	Sokunvichet Long	Brown '19
2019-2020	Armen Deirmenjian	Brown '20
2020-current	Hari Dandapani	Brown '23
2021-current	Robbie Felton	Brown '22
2021-current	Alexander Rothberg	Brown '22
2021-current	Lucie Joerg	Brown '23

UNDERGRADUATE MEDICAL EDUCATION

Doctoring Course Mentor

Alpert Medical School of Brown University

Provided mentorship and longitudinal instruction of history and physical exam for first and second year medical students

Rahul Banerjee	MD 2014	current hematology/oncology fellow
Calvin Lambert	MD 2015	current Obstetrics/Gynecology resident, Howard University
Ali Shihab	MD 2016	Emergency Medicine Attending
Michael Boyajian	MD 2019	Plastic Surgery resident
Sokunvichet Long	MD 2023	current medical student, Brown University

Summer Student Journal Club Instructor

Brown Department of Emergency Medicine
(2016)

Medical Student Emergency Medicine Lecture Series

Alpert Medical School of Brown University
Presented lectures on shock and toxidromes to rotating medical students
(2011 – 2013)

GRADUATE SCHOOL EDUCATION

MPH Internship Advisor, PHP 2070

- Corey Saucier (Brown MPH '16): Fall 2015 – Fall 2016
- Sara Long (Brown MPH '18): Spring 2017
- Yanan Lee (Brown MPH '18): Spring 2017
- Anna Makaretz (Brown MPH '19): Fall 2018
- Natalie Davoodi (Brown MPH '21): Spring 2020

Instructor & Thesis Advisor, PHP 2980 (MPH Graduate Independent Study/Thesis Research)

- Sara Long (Brown MPH '18): Fall 2017 – Spring 2018
- Yanan Lee (Brown MPH '18): Fall 2017 – Spring 2018
- Kunzhao Li (Brown Master of Biotechnology '21): Fall 2019 – present
- Natalie Davoodi (Brown MPH '21): Spring 2020 - present

GRADUATE EDUCATION: RESIDENT EDUCATION

Supervise and teach emergency medicine and off-service residents during each clinical shift.
2017 average teaching evaluation above departmental mean
(2013 – present)

Instructor, Emergency Medicine Research Education Curriculum Series

Teach medical students, residents, fellows how to write a manuscript
(2016 – Present)

Director, Clinical Research Elective

MENTORING

GENERAL CAREER MENTORING

Faculty Advisor, Department of Emergency Medicine
2013-present

- Rebecca Barron, MD Brown Emergency Medicine Residency Program, Class of 2014, former faculty in the Department of Emergency Medicine
- Taneisha Wilson, MD Brown Emergency Medicine Residency Program, Class of 2016, currently Department of Emergency Medicine faculty
- Rebecca Karb, MD, PhD Brown Emergency Medicine Residency Program, Class of 2018. Currently faculty in the Department of Emergency Medicine. I continue to provide mentorship on her Rhode Island Foundation project on community health workers (2019-2020)

- Amy Matson, Brown Emergency Medicine Residency Program, Class of 2019. Named chief resident for 2018-2019. Currently faculty in Brown Emergency Medicine.
- Cameron Gettel, Brown Emergency Medicine Residency Program, Class of 2019. Named chief resident for 2018-2019. Currently completing a National Clinician Scholars fellowship at Yale University. We have ten joint manuscripts for which I provided mentorship.

RESEARCH MENTORING

UNDERGRADUATES

2014 – 2015 Maxwell Danielsson (Brown '15)

- Received a Brown Undergraduate Teaching and Research Award (UTRA) for his mentored research project
- Independent Study “Prediction of Hypertension Based Upon Emergency Department (ED) Blood Pressure Readings and Congruence with ED Attendings’ Predictions of Hypertension with Results of Home Blood Pressure Monitoring (HBPM)”
- Co-author of joint publication on the above study

2015 – 2016 Sarah Corley (Providence College '15)

- Completed a gap year internship recruiting patients into “Prediction of Hypertension Based Upon Emergency Department (ED) Blood Pressure Readings and Congruence with ED Attendings’ Predictions of Hypertension with Results of Home Blood Pressure Monitoring”
- Applied for and successfully completed a MPH at Boston University ('17) after her internship

2015 – 2018 James Yoon (Brown '17)

- Student in PHP1680K and then performed shadow shifts in the Emergency Department afterwards
- Completed a gap year in research from 2017-2018
- Started medical school in 2018

2018 - 2019 Hannah Mellot (Johnson & Wales '19)

- Research assistant in GAPcare I for 12 months during her senior year of undergraduate studies
- Currently helping with outcome assessment for GAPcare I
- Currently scribing in the Department of Emergency Medicine, Brown University
- Co-author on medication safety manuscript, Academic Emergency Medicine

2019 - 2020 Armen Deirmenjian (Brown '20)

- Completing an independent study with me to work on GAPcare II as a research assistant
- Currently mentoring him on an analysis on digital health applications for geriatric patients
- Accepted to medical school at George Washington University

2019 - 2020 Margaret Geoghegan (Johnson & Wales '20)

- Student in the Brown Emergency Medicine Student Research Program
- Completing an independent study with me to work on GAPcare II as a research assistant

- Currently mentoring her on an analysis on digital health applications for geriatric patients
- After graduation (March 2020) accepted a position as a research assistant for the Department of Emergency Medicine
- Second author on three manuscripts mentored by me
- Accepted to Physician Assistant school, to begin 2021

2020 – 2021 Melinda Li (Brown '22)

- Received a Brown Undergraduate Teaching and Research Award (UTRA) for her mentored research project on telehealth
- Currently mentoring her on a review of telehealth evaluation strategies with a particular focus on geriatric patients (under review)

2020 – 2021 Hari Dandapani (Brown '22)

- Completing an independent study with me to work on GAPcare II
- Currently mentoring him on telehealth qualitative research
- Submitted an abstract as first author to SAEM on GAPcare II
- Submitted manuscript on sensors to Frontiers based on GAPcare II
- Abstract accepted to 2022 Academy Health

2020 – 2021 Maria Zou (Brown '22)

- Currently mentoring her on GAPcare II
- Submitted an abstract as first author to American Geriatric Society on GAPcare II
- Presented at Brown EM Research Symposium on GAPcare II

2020 – 2021 Lucie Joerg (Brown '22)

- Currently mentoring her on GAPcare II
- Submitted & presented an abstract as first author to the American College of Emergency Medicine on GAPcare II

2020 – 2021 Kelly Fan (Brown '22)

- Currently mentoring her on GAPcare II

MEDICAL STUDENTS

2016 Michael Boyajian, Brown University Medical Student, Class of 2019

- Received a Summer Research Assistantship for his work on “Prediction of Hypertension Based Upon Emergency Department (ED) Blood Pressure Readings and Congruence with ED Attendings’ Predictions of Hypertension with Results of Home Blood Pressure Monitoring.”
- Co-author on HTN paper for which he recruited patients and helped write and edit the paper
- Currently PGY-1 Plastic Surgery

2017 - 2018 Nathan Pertsch, Brown University Medical Student, Class of 2020

- Improving Nursing Home-Emergency Department Communication: Gaps in the Continuity of Care Form Impact Nursing Home Resident Outcomes.

- Co-author on joint manuscript: systematic review on ED care transitions in the Annals of Longterm Care

2017 - 2018 Austin Tam, Brown University Medical Student, Class of 2020

- Improving Nursing Home-Emergency Department Communication: Gaps in the Continuity of Care Form Impact Nursing Home Resident Outcomes.
- Co-author on joint article in JAMDA

2018 – present Sokunvichet Long, Brown University Medical Student, Class of 2023

- Began to work with me as a fourth year Brown University undergraduate as a research assistant in GAPcare I
- Abstract presented at Academy Health June 2020
- Co-author on medication safety manuscript, Academic Emergency Medicine
- Co-author on GAPcare I manuscript
- Currently completing an analysis on prescription changes on GAPcare I

2019 – present Swechya Banskota, Brown University Medical Student, Class of 2023

- Currently working on GAPcare II and completing an analysis on digital health applications for geriatric patients
- MSTAR 2020 scholar (Mentor: Goldberg)
- First author manuscript in Western Journal of Emergency Medicine, mentored by me, over 35 citations in first six months

2019 – present Kevin Chen, Brown University Medical Student, Class of 2023

- Currently working on GAPcare II and completing an analysis on digital health applications for geriatric patients
- Submitted second author manuscript, revise & resubmit, on technology in older adults
- Abstract accepted and presented at Brown University International Patient & Practitioner conference, 2020
- First author abstract submitted to Academy Health 2021

2019 – present Daniel Strauss, Brown University Medical Student, Class of 2023

- Currently working on GAPcare II and completing an analysis on digital health applications for geriatric patients
- Co-author on GAPcare I acceptability and feasibility manuscript
- Abstract accepted and presented at Brown University International Patient & Practitioner conference, 2020
- First author abstract submitted to RI ACP 2021

2020 – present Ryan Hoopes, Brown University Medical Student, Class of 2023

- Currently working on COVID-19 RECOVER analyses
- Mentored on manuscript accepted to JAGS on COVID-19

GRADUATE STUDENTS

2016 – 2017 Bianca Jambhekar, Brown University MPH graduate student, Class of 2017

- *MPH Internship Advisor*
- Enrolled in medical school at New York Medical College
- Co-author on hypertension paper for which she collected data as a research assistant and was mentored in writing a paper by me

2017 – 2018 Sara Long, Brown University MPH graduate student, Class of 2018

- *MPH Internship Advisor and Thesis Advisor*
- Poster presentation accepted at Academy Health Annual Meeting on “The Relationship between Length of Nursing Home to Emergency Department Transfer Correspondence and Emergency Department Length of Stay.”
- Published a first-author paper with me as senior author on our joint work in the Rhode Island Medical Journal
- Co-author on retrospective chart review published in JAMDA

2015 – 2021 Sarah Marks, Brown University, pre-doctoral student, Class of 2021

- Currently working on GAPcare II to assist with Apple Watch data collection and analysis
- Completed 9 manuscripts with me on older adult health
- Currently in MD-PhD program VCU School of Medicine

2015 – 2017 Ayo Soipe, Brown University, ScM graduate student, Class of 2017

- Mentor for residency application, given IMG status
- Successfully matched into Internal Medicine residency in 2021, after completing a nephrology fellowship at Suny Downstate

2017- 2018 Yanan Lee, Brown University MPH graduate student, Class of 2018

- *MPH Internship Advisor*
- Poster presentation accepted at Academy Health Annual Meeting on “The Relationship between Length of Nursing Home to Emergency Department Transfer Correspondence and Emergency Department Length of Stay.”
- Co-author on retrospective chart review in JAMDA

2017– 2018 Kelsey Hayes, Post-baccalaureate student, Class of 2018

- Worked on qualitative study of geriatric patients and caregivers who have presented to the Emergency Department after an injury
- Co-author on qualitative study published in OBM Geriatrics

2016-2017 Anna Makaretz, Brown University MPH graduate student, Class of 2019

- Co-author on qualitative study of geriatric patients and caregivers who have presented to the Emergency Department after an injury

2017 – 2020 Aderonke Ilegbusi, Brown University, MPH graduate student, class of 2017

- Research coordinator on GAPcare I
- Published a joint manuscript on falls
- Current pharmacy student at Northeastern University

2019- 2021 Kunzhao Li, Brown University, Biotechnology graduate student, Class of 2021

- Currently working on GAPcare II to assist with Apple Watch data collection
- Completed thesis on GAPcare II telehealth study

2020-Present Natalie Davoodi, Brown University, MPH graduate student, Class of 2021

- Currently working on GAPcare II to assist with Apple Watch data collection
- Completed a first-author paper with me on COVID-19 and implications for rural older adults in the United States
- Completed a second author paper on GAPcare II, how to use an Apple Watch for research
- Thesis advisor for her, with manuscript pending

2020 – 2021 Selena Evora, Boston University, MPH graduate student, Class of 2020

- Currently working on GAPcare II COVID-19 telehealth study
- Manuscript in preparation on access to care and telehealth in older adults

2022 Mahmoud Mostafa Saad Mohamed Azqul, Harvard Medical School, Master of Medical Sciences in Clinical Investigation, Class of 2022

- Independent Reviewer on dissertation committee
- Dissertation topic “Adult Patient and Healthcare Provider Characteristics Associated with Obtaining Abdominal CT scans to Evaluate Diarrhea in United States Emergency Departments”
- Dissertation topic “Age-Related Trends in Laboratory Testing, Radiologic Imaging, Empiric Antibiotics and Intravenous Fluids Administration, and Hospital Admission Among Adult Patients with Diarrhea in United States Emergency Departments”

DOCTORAL STUDENTS

2022 Courtney Baird, M.S., PhD candidate, Brown University, Department of Health Services, Policy & Practice (Health Economics Track)

- Dissertation committee
- Dissertation topic “Impact of Medicare ACOs on Fall Screening and Fall-related Healthcare Utilization among Older Adults”

RESIDENTS

2014 – 2015 Tony Zhang, MD, MS, Brown Emergency Medicine Residency Program, Class of 2017

- Now completing a medical education fellowship at Jefferson University

2014 – 2017 Taneisha Wilson, MD, Brown Emergency Medicine Residency Program, Class of 2016

- Completed a Master of Clinical and Translational Science at Brown University and a research fellowship.
- Currently faculty in the Department of Emergency Medicine starting July 2018.

2017 – Present Cameron Gettel, MD Brown Emergency Medicine Residency Program, Class of 2019

- Received a GME grant for his work on “Improving Nursing Home-Emergency Department Communication: Gaps in the Continuity of Care Form Impact Nursing Home Resident Outcomes.”

- First author manuscripts published in Academic Emergency Medicine and Annals of Emergency Medicine
- Past chief resident 2018-2019
- Past National Clinician Scholars Fellow, Yale University 2019-2021
- Now Assistant Professor at Yale University
- Currently we have over a dozen joint publications
- Current GEMSTAR R03 scholar

2020 – Present Thomas Gomes, MD Brown Emergency Medicine Residency Program, Class of 2024

- Career mentorship provided

FELLOWS

2021 Cassandra Hua, PhD, Postdoctoral Fellow, Center of Gerontology & Healthcare Research, Brown University School of Public Health

- Faculty advisor on National Institute on Aging R03 on the relationship between staffing levels and injury-related emergency department use among assisted living residents with ADRD

FACULTY

2018 Taneisha Wilson, MD, MS, Assistant Professor of Emergency Medicine, Brown University

2020 Grace Wanjiku, MD, Assistant Professor of Emergency Medicine, Brown University

- Provided qualitative research methodology guidance on global health project

2020 Ellen Sano, DO, Assistant Professor of Emergency Medicine, Columbia University College of Physicians and Surgeons

- Served as peer mentor for Dr. Sano as part of the Clinician Specialists' Rising Starts in Aging Research Mentoring Program
- Offered critique and advice on Dr. Sano's National Institute on Aging GEMSSTAR R03 Award submission (November 2021 submission)

2021 to present Lauren Abbate, MD, PhD, Assistant Clinical Professor of Emergency Medicine, VA Eastern Colorado Health Care System

- Faculty advisor on Dr. Abbate's National Institute on Aging GEMSSTAR R03 Award submission (November 2022 submission)

2021 Katarzyna Gilek-Seibert, MD, Rheumatology Division and Fellowship Director, Roger Williams Medical Center

- Faculty advisor on Dr. Gilek-Seibert's foundation grant on app-reported patient measures for rheumatoid arthritis pain

2021 to present Sevdnur Cizginer, MD, MPH, Geriatrics Division, Brown University

- Faculty advisor on Dr. Cizginer's National Institute on Aging GEMSSTAR R03 Award submission (November 2022 submission) & BEESON K76 Award submission

2021 William Binder, MD, Associate Professor of Emergency Medicine, Clinician Educator

- Provided opportunity to be site PI on project & provided guidance on navigating principal investigator role for COVID-19 registry

2022 Cameron Gettel, MD, Attending Physician & Assistant Professor, Yale School of Medicine

- Faculty advisor on Dr. Gettel's National Institute on Aging GEMSSTAR R03 Award submission (November 2021 submission), funded

HOSPITAL TEACHING, ADVISING, and MENTORING ROLES

Morning Report

Rhode Island Hospital, Providence, RI

Provide a variety of lectures on clinical topics to PGY-1 through 4s, as well as off-service rotating residents in the Anderson ED
(2012-2013)

Teaching Rounds

Rhode Island Hospital & Miriam Hospital, Providence, RI

Daily clinical teaching and supervision of residents and medical students.

Teaching Rounds: focused 10 minute academic presentations (~30/yr)
(2013 – Present)