

Curriculum Vitae

Jill Marjorie Baren, MD, MBA, MS

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Education and training:

MD	University of Pittsburgh, Magna Cum Laude, AOA Honor Society, 1989
Post-graduate	Harbor-UCLA Medical Center, 1994 (residency 1992, fellowship 1994)
MBA	Brandeis University, Beta Gamma Sigma Honor Society, 2019
MS	Medical Ethics, University of Pennsylvania, 2004
BS	Brown University, Biochemistry, 1983

Academic, administrative and leadership positions:

2020-present	Provost and Vice-President of Academic Affairs, University of the Sciences, Philadelphia, PA Professor of Biological Sciences and Humanities, <i>with tenure</i>
2019-2020	Faculty Development and Leadership Development Fellow, Provost's Office, University of Pennsylvania
2018-2019	Fellow, American Council on Education (ACE)
2017-2020	Chair, Human Research Advisory Committee, Provost's Office, University of Pennsylvania
2016-2017	Chair, Human Research Review Committee, Provost's Office, University of Pennsylvania
2016-2021	Officer and Executive Committee, American Board of Emergency Medicine (President 2019-2020)
2011-2017	Department Chair, Emergency Medicine, Perelman School of Medicine, University of Pennsylvania
2011-2017	Chief, Emergency Services, University of Pennsylvania Health System
2006-2018	Principal Investigator, Greater Philadelphia-Southern New Jersey Neurologic Emergencies Clinical Trials Network
2011-present	Professor (Emeritus), Emergency Medicine, Pediatrics, and Medical Ethics Perelman School of Medicine, University of Pennsylvania
1995-1997	Faculty, Yale University School of Medicine
1992-1995	Faculty, UCLA School of Medicine

Provost and Vice-President of Academic Affairs, University of the Sciences:

Chief academic officer of private university (bachelor's through doctoral programs in arts, clinical and bench sciences, health professions, healthcare business and policy; member of president's cabinet, core leadership and management team, responsible for all personnel and activities in academic affairs division; 3 colleges, 4 associate provosts, oversight for all accreditation activities, office of institutional effectiveness, research and graduate studies, office of sponsored projects and research, registrar, library, honors program, general education program.

- Oversight of self-study and campus preparation for reaccreditation site visit by Middle States Commission on Higher Education (spring 2022) and complex substantive change process for merger/acquisition
- Co-leader of integration of the academic mission (infrastructure and programmatic elements) in merger/acquisition process
- Diversity, equity, and inclusion initiatives: Howard University visiting professors, campus workshops on teaching equitably; dual enrollment program in data science for minority students, global allyship training for faculty and staff; peer mentoring network for underrepresented minority graduate students
- Shared governance: collaborative revision of faculty service information (handbook); new rubrics for promotion and tenure
- Research: More than \$5 million in annual grants and contracts (second highest in a decade); increased patents and licensing agreements; new director of office of sponsored projects
- Communication and transparency: provost advisory committee, weekly faculty focused email, internal office of the provost website to host expanded faculty development resources
- Recruitments: dean of Samson College of Health Sciences, dean of Misher College of Arts and Sciences, chair of physician assistant studies, chemistry/biochemistry, pharmaceutical science, director of general education studies, director of pre-health studies
- Expansion of office of institutional effectiveness; support new annual institutional goals/assessment process for streamlined reporting and continuous quality improvement effort

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- Faculty development: new assistant provost, sponsored workshops on remote teaching pedagogy and student engagement, resilience and wellness, support of leadership development for department chairs
 - Curricular: adoption of new “first-year experience” course, alignment of master and doctoral programs in occupational and physical therapy, new racism and health certificate
 - Development: \$100,000 gift for pro-bono clinic for health professions training
 - Student initiatives: mentorship and leadership development for honors students and student government leaders

Chair, Department of Emergency Medicine, Perelman School of Medicine, University of Pennsylvania:

Academic and clinical leader of department with more than 90 faculty, 10 subspecialty fellows, 15 research staff, 20 administrative staff as well as 60 residents and 2 PhD scientists; direct oversight of \$25 million professional services budget and \$20 million research budget.

- Comprehensive 6-year strategic plan (more than 80% targets fully achieved)
- Recruited more than 25 faculty (approximately 50% women and underrepresented minorities) to tenure track, clinician-educator track, dual-training/interdisciplinary appointments
- Established acute care research collaboration with multiple clinical departments
- Expanded and realigned centers of excellence in resuscitation science (relocated and modernized laboratory facilities) and emergency healthcare policy research
- Reorganization of department structure with new divisions of toxicology, emergency ultrasonography, hyperbaric and undersea medicine, occupational medicine, emergency critical care, and travel medicine
- Expansion of residency positions by 10%, increased length of medical student clerkship, improved learning climate (ranked among top 3 disciplines by Penn medical students); expanded and funded faculty development programs (Master of Medical Education, team executive coaching, vice-chair development)
- New data-driven, transparent faculty compensation plan
- Raised \$5 million for rural-urban emergency medicine collaborative and \$600,000 for emergency department resuscitation unit
- Collaborative executive leader for health system; managed operations and fiscal performance of 3 urban emergency departments (annual patient visits topped 145,000); expanded clinical operations with 17-bed observation unit, 5-bed intensive care unit; merged hyperbaric medicine and wound care program with plastic and vascular surgery; built ED based nurse-practitioner and physician assistant program (more than 30 FTEs)
- Implemented integrated electronic medical record across emergency departments; relocated emergency trauma program to new hospital; integrated faculty across two academic hospitals; developed comprehensive quality improvement program; led major planning effort for response to Ebola outbreak and Philadelphia Papal visit
- Achieved highest rank among clinical departments on annual employee engagement survey

Faculty and Leadership Development Fellow, Vice-Provost for Faculty, University of Pennsylvania:

Position within the Provost’s office created upon completion of the ACE Fellows program

- Department chair leadership development program for humanities faculty
- New mentoring programs for assistant and associate professors in the social sciences disciplines
- Planning of biannual Penn Leadership Academy for department chairs and other faculty leaders
- Collaboration with Mellon Foundation grantees for sharing resources and best practices in humanities leadership with Swarthmore College

President, American Board of Emergency Medicine:

Public face of the board and the specialty representing 40,000 emergency physicians with mission of “ensuring the highest standards in emergency medicine.”

- Governance of the board of directors; established non-physician public member on board
- Innovative, future-oriented strategic planning process; board approval of strategic framework for next 10 years
- Established first diversity, equity, and inclusion task force; redesigned nomination process to attract diverse board members; increased women and underrepresented minority board members by 30%
- Major revision of bylaws in response to governance challenges

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Chair, Human Research Review Committee and Human Research Advisory Committee, Vice-Provost for Research, University of Pennsylvania:

- Comprehensive review of University of Pennsylvania's human subjects' research program with adoption of multiple recommendations to reduce administrative burden and improve research services

Principal Investigator, Greater Philadelphia-Southern New Jersey Neurologic Emergencies Trial Network:

Leader of federally funded regional research network (14 academic and community hospitals) and national hub continuously funded for 12 years with over \$15 million in grants from National Institutes of Health

- Led research team of more than 40 investigators, research coordinators, special advisors, and administrative personnel
- Conducted multiple, simultaneous, complex clinical trials investigating acute neurologic injury and illness with application of special emergency regulation for trials with exception from informed consent

Manuscripts:

Selected high impact/peer-reviewed publications [full list is more than 90 peer-reviewed and 80 editorials/reviews/chapters to date]

- Lall MD, Bilimoria KY, Lu DW, Zhan T, Barton MA, Hu YY, Beeson MS, Adams JG, Nelson LS, **Baren JM**: Prevalence of Discrimination Abuse and Harassment in Emergency Medicine Residency Training in the US. *Jama Open Network* 4(8): e707, 2121
- Du Pont D, **Baren JM**: Ambulance Charters During the COVID-19 Pandemic and Equitable Access to Scarce Resources. *Am J Bioethics* 20(10): 7-9, 2020
- Lall MD, Perman SM, Garg N, Kohn N, Whyte K, Gips A, Madsen T, **Baren JM**, Linden J.: Intention to Leave Emergency Medicine: Mid-career Women Are at Increased Risk. *West J Emerg Med* 21: 1131-1139, 2020
- **Baren JM**, Beeson MS, Chudnofsky CR, Goyal DG, Kowalenko T, Mallory MNS, Heller BN, Reisdorff EJ.: Costs and Benefits of Initial Certification for Emergency Medicine Residency Graduates. *Journal of Graduate Medical Education* 11(16): 649-653, 2019
- Balamuth F, Kittick M, McBride P, Woodford AL, Vestal N, Casper TC, Metheny M, Smith K, Atkin NJ, **Baren JM**, Dean JM, Kuppermann N, Weiss SL.: Pragmatic Pediatric Trial of Balanced Versus Normal Saline Fluid in Sepsis: The PRoMPT BOLUS Randomized Controlled Trial Pilot Feasibility Study. *Acad Emerg Med* 26: 1346-1356, 2019
- Newgard CD, Morris CD, Smith L, Cook JNB, Yealy DM, Collins S, Holmes JF, Kuppermann N, Richardson LD, Kimmel S, Becker LB, Scott JD, Lowe RA, Callaway CW, Gowen LK, **Baren J**, Storrow AB, Vasilevsky N, White M, Zell A.: The First National Institutes of Health Institutional Training Program in Emergency Care Research: Productivity and Outcomes. *Ann Emerg Med*. 72(6): 679-690, 2018.
- Whitesides LW, **Baren JM**, Biros MH, Fleischman RJ, Govindarajan PR, Jones EB, Pancioli AM, Pentz RD, Scicluna VM, Wright DW, Dickert NW: Impact of individual clinical outcomes on trial participants' perspectives on enrollment in emergency research without consent. *Clin Trials* 14(2): 180-186, 2017.
- Stanley RM, Johnson MD, Vance C, Bajaj L, Babcock L, Atabaki S, Thomas D, Simon HK, Cohen DM, Rubacalva D, David Adelson P, Bulloch B, Rogers AJ, Mahajan P, **Baren J**, Lee L, Hoyle J, Quayle K, Charles Casper T, Michael Dean J, Kuppermann N: Challenges Enrolling Children Into Traumatic Brain Injury Trials: An Observational Study. *Acad Emerg Med*. 24(1):31-39, 2017.
- **Baren JM**, Cairns CB, Neumar RW: National Institutes of Health funding of emergency care research: feast or famine? *Ann Emerg Med*. 68(2): 172-3, 2016.
- D'Onofrio G, **Baren JM**: Advancement of Women in Emergency Medicine: New Strategies for Different Outcomes. *Acad Emerg Med*. 23(11): 1287-1289, Nov. 2016.
- Dickert NW, Scicluna VM, **Baren JM**, et al.: Patients' perspectives of enrollment in research without consent: the patients' experiences in emergency research—progesterone for the treatment of traumatic brain injury study. *Crit Care Med* 43(3): 603-12, 2015.
- Chamberlain JM, Okada P, Holsti M, Mahajan P, Brown KM, Vance C, Gonzalez V, Lichenstein R, Stanley R, Brousseau DC, Grubenhoff J, Zemek R, Johnson DW, Clemons TE, **Baren J**: Lorazepam vs. diazepam for pediatric status epilepticus: a randomized clinical trial. *JAMA* 311(16): 1652-60, 23-30, 2014.
- Pascual JL, Murcy MA, Li S, Gong W, Eisenstadt R, Kumasaka K, Sims C, Smith DH, Browne K, Allen S, **Baren J**:

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Neuroprotective effects of progesterone in traumatic brain injury: blunted in vivo neutrophil activation at the blood-brain barrier. Am J Surg 206(6):840-5, 2013

- Venella JJ, Papa A, **Baren JM**: Transforming care in a large inner-city university hospital emergency department. J Emerg Nurs Nov 2012.
- Biros MH, Hauswald M, **Baren JM**, Cone DC: Procedural versus practical ethics. Acad Emerg Med. 17(9): 989-90, Sep 2010
- **Baren JM**, Middleton MK, Kaji AH, O'Conner RE, Lindsell C, Weik TS, Lewis RJ: Evaluating emergency care research networks: what are the right metrics? Acad Emerg Med. 16(10): 1010-3, Oct 2009.
- **Baren JM**, Campbell CF, Schears RM, Shofer FS, Datner EM, Hollander JE: Observed behaviors of subjects during informed consent for an emergency department study. Ann Emerg Med. 55(1): 9-14, Jan 2009
- **Baren, JM**, Biros, MH.: The Research on Community Consultation: An annotated Bibliography. Acad Emerg Med 14(4): 346-52, Apr 2007.
- **Baren JM**, Boudreaux ED, Brenner BE, Cydulka RK, Rowe BH, Clark S, Camargo CA.: Randomized Controlled Trial of Emergency Department Interventions to Improve Primary Care Follow-up for Patients with Acute Asthma. Chest 129(2): 257-265, Feb. 2006.
- **Baren, JM**, Fish SS.: Resuscitation Research Involving Vulnerable Populations: Are Additional Protections Needed for Emergency Exception from Informed Consent? Acad Emerg Med 12(11): 1071-1077, Nov 2005.

Books:

- Walls R, Hockberger R, Gausche-Hill M (Sr Eds): Rosen's Emergency Medicine, 9th edition. **Baren JM** (Ed). Elsevier, 2016.
- **Baren JM**, Rothrock SG, Brennan JA, Brown L (Eds): Pediatric Emergency Medicine. Elsevier, 2008.
- **Baren JM**, Alpern ER (Eds.): Emergency Medicine Clinical Pearls. Hanley and Belfus, 2004.

Major grants (total funding over the last 15 years totals approximately \$21 million):

- Evaluating the Effectiveness and Implementation of an Automated Remote Monitoring Program for COVID-19 Patients, Patient-Centered Outcomes Research Institute, 10/2020-9/2023 (Kit Delgado, PI), \$2,500,000/annual direct costs, 1% effort (Role in grant: Stakeholder Advisory Group)
- Greater-Philadelphia-Southern New Jersey Neurological Emergencies Treatment Trials (NETT), National Institute of Neurological Disorders and Stroke/NIH/DHHS, 4-U10-NS-058960-10, (**JILL M BAREN, PI**), \$877,176 annual direct costs, 20% effort (Role in grant: PI); 2012-2017.
- Enabling Medical Research Growth in Emergency Medicine (EMERGE), National Heart, Lung, And Blood Institute/NIH/DHHS, 5-K12-HL-109009-05, (STEPHEN E KIMMEL, PI), \$769,306 annual direct costs, 5% effort (Role in grant: Co-PI); 2011-2017.
- Greater-Philadelphia-Southern New Jersey Neurological Emergencies Treatment Trials (NETT), National Institute of Neurological Disorders and Stroke/NIH/DHHS, 4-U10-NS-058960-05, (**JILL M BAREN, PI**), \$1.6 million annual direct costs, 20% effort (Role in grant: PI); 2007-2012.
- Randomized Controlled Trial of Lorazepam vs. Diazepam for the Treatment of Pediatric Status Epilepticus, National Institute of Child Health and Human Development/NIH/DHHS, HHSN275201100017C (**JILL M BAREN, PI**), \$10,185,292 annual direct costs, 30% effort (Role in grant: Co-PI), 2006-2010.

Selected recent presentations/visiting professorships (full list includes approximately 200 listings):

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|-----------|---|
| July 2021 | "Difficult, Disruptive, and Impaired Physicians: Case Studies in Professionalism." Florida State University Department of Emergency Medicine |
| Nov 2020 | "Developing the fundamentals of authentic leadership." University of the Sciences Honors Seminar |
| Apr 2020 | "COVID-19 experience as a patient." America-Israel Friendship League International Panel |
| Feb 2020 | "Career strategies and faculty development for women." Visiting Professorship in Emergency Medicine. University of California at San Francisco School of Medicine |
| Feb 2020 | "Research in emergency settings." Department of Medical Ethics and Health Policy, Perelman School of Medicine, University of Pennsylvania |
| Sept 2019 | "Being online: changing your institutional focus for a new era of diplomate service." American |

02/2022

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Jun 2019	Board of Medical Specialties Annual Conference, Chicago, IL “Mental health challenges on college campuses.” American Council on Education Fellows Retreat, Portland, OR
May 2019	“How to be a quality mentor.” Academy for Women in Academic Emergency Medicine, Society for Academic Emergency Medicine Annual Meeting, Las Vegas, Nevada
Apr 2019	“Career transitions in leadership.” Executive Leadership in Academic Medicine for Women Spring Panel, Drexel University College of Medicine, Drexel University, Philadelphia, PA
Mar 2019	“Crisis in the boardroom—strategies for women leaders.” Department of Emergency Medicine, Perelman School of Medicine and Wharton School of Business, University of Pennsylvania, Philadelphia, PA
Dec 2018	“Issues in women’s leadership.” Residency Visitation Program, Department of Emergency Medicine, University of Louisville, Louisville, Kentucky
May 2018	“Glass or sky? Women’s leadership in emergency medicine.” American College of Emergency Physicians Legislative and Advocacy National Conference. Washington, DC

Honors and awards:

- Fellow, Philadelphia College of Physicians (2021)
- Association of Academic Chairs in Emergency Medicine Distinguished Service Award (2020)
- Section of Emergency Ultrasound Outstanding Contribution to the Field from the American College of Emergency Physicians, Section of Emergency Ultrasound (2019)
- John Marx Leadership Award for Outstanding Contributions to the Specialty of Emergency Medicine from the Society for Academic Emergency Medicine (2017)
- Annual Resident Mentoring Award, Department of Emergency Medicine, Perelman School of Medicine, University of Pennsylvania (2009, 2013, 2014)
- Teaching Honor Role, Department of Pediatrics, Perelman School of Medicine, University of Pennsylvania (1998)
- Jean A. Cortner Divisional Teaching Award “Excellence in and Commitment to Resident Teaching” Department of Pediatrics, Perelman School of Medicine, University of Pennsylvania (1998-2000, 2002-2007)

Teaching and course leadership:

- Course Director “Introduction to Clinical Research and Independent Study” Biological Basis of Behavior 320 and 321 (Undergraduate)
- Course Founder/Director “Ethics at the Bedside” BIOE 565 Department of Medical Ethics (Graduate)
- Faculty “Bioethics and Professionalism” FRO 601 (Graduate)
- Faculty “Ethics of Human Subject Research” MD 601 (Graduate)
- Faculty “Doctoring, Humanism and Professionalism” MOD 1 (Graduate)

Leadership development programs:

- Fellow, American Council on Education (ACE); Host Villanova University; Mentor: President Peter Donohue (2018-2019)
- Executive Leadership in Academic Medicine (ELAM), Drexel University College of Medicine (2010)

Board positions and volunteer activities (current):

- Asperger/Autism Network Board of Trustees
- American Board of Emergency Medicine Foundation Board of Trustees
- Brown University Women’s Mentoring Network