

Potential Competing Financial Interests of the *Annals of Emergency Medicine* Editors

Annals of Emergency Medicine is committed to the greatest possible transparency and avoidance of bias. The journal has employed rigorous practices for decades to identify potential conflicts of interest among authors and peer reviewers. These are investigated when they arise, tracked on a list and then reviewed annually.

The list below provides similar oversight for all members of the editorial board who make decisions about the acceptance and publication of manuscripts. It is meant to identify all sources of financial or other benefit to members of the editorial board, related in any way to the health care industry or any topic discussed in articles managed by the journal.

For original articles published in *Annals*, since 2011 the name of the editor who managed and made decisions about each manuscript is published with the manuscript itself and linked to this list of detailed COI declarations, so that readers can easily identify which editor was responsible and what their potential conflicts might be.

Editor in Chief

Donald M. Yealy, MD

Employer: University of Pittsburgh and UPMC

Current grant support: NHLBI

Other income sources: American College of Emergency Physicians (Annals editor stipend); Up-to-Date Inc (chapter author royalty); WoltersKluwer/Lippincott (Editor royalties for "The Trauma Manual and Acute Care Surgery"); Medical expert opinion consulting; McGraw Hill, Inc (royalties for editing "Tintinalli's Study Guide")

Executive Deputy Editor

Richelle Cooper, MD, MSHS

Employer: University of California Los Angeles

Other income: Deputy editor and research methodology editor stipend from the American College of Emergency Physicians

Grant funding: NHLBI, NINDS

Emeritus Deputy Editor/Senior Associate Editor

Steven M. Green, MD

Employer: Retired

Deputy Editors

Richard C. Dart, MD, PhD

Employer: Rocky Mountain Poison and Drug Safety, Denver Health and Hospital Authority

Other income: Editor stipend from American College of Emergency Physicians; stipend from Up-To-Date Inc. Research funding from Kenvue, Consumer Health Products Association, Serb Pharmaceuticals; Purdue Pharma and several other pharmaceutical companies; Substance Abuse and Mental Health Administration, US Food and Drug Administration

Lise E. Nigrovic, MD, MPH

Employer: Boston Children's Hospital

Funding: NIAID, NCATS, Global Lyme Alliance, Peabody Foundation, investigator-initiated research grant from Pfizer, Inc.

Other income: Deputy editor stipend from American College of Emergency Physicians

Stephen Schenkel, MD, MPP

Employer: University of Maryland School of Medicine

Other income: research methodology editor stipend from the American College of Emergency Physicians; honoraria for speaking, principally on emergency medicine administration; book royalties from Wolters Kluwer Publishing; occasional compensation for case reviews and

testimony as an expert witness in matters related to emergency medicine, associate editor stipend at JAMA (AMA); early round investor in NasaClip (<https://nasaclip.com/>); ownership of various municipal (including some hospital-related) and corporate (non-health care-related) bonds. Spouse employed by Medtronic.

Stock ownership: health-related stock holdings of <500 shares in Colgate-Palmolive, General Electric, and Procter & Gamble. Additional stock ownership through mutual funds that may include health care companies.

David L. Schriger, MD, MPH

Employer: University of California, Los Angeles

Other income: Deputy editor stipend from the American College of Emergency Physicians; Associate editor stipend from JAMA (AMA); occasional honoraria for speaking at emergency medicine conferences, occasional expert witness compensation for testimony in matters related to emergency medicine and patient stability

Investments: I hold a variety of mutual funds that no doubt own health care stocks though I have no idea which ones or in what quantities.

Grants: Korein Foundation - unrestricted support for research. This nonprofit organization has no ties to the medico-pharma industrial complex.

Senior Associate Editors

Tyler W. Barrett, MD, MSCI
Employer: Vanderbilt University Medical Center
Grant support: Co-PI on CDC/TN Dept of Health-sponsored Opioid education research
Other income: Medical expert witness
Investments: My wife and I own shares of mutual funds and also index funds representative of the broad stock market, which may include health care companies. I do not control any decisions about what companies are included in these funds.
 Robert A. De Lorenzo, MD, MSM
Employer: University of Texas at San Antonio
Other income: None
Research support: DoD, Lyda Hill Philanthropies, Trauma Research and Combat Casualty Care Collaborative
Investments: Principal in EmergenceMed, LLC, a tech startup dedicated to medical device development.
 Theodore R. Delbridge, MD, MPH
Employer: Maryland Institute for Emergency Medical Services Systems

Steve Goodacre, PhD, FRCEM
Employer: University of Sheffield, UK
Grant support: UK National Institute for Health Research, US National Institute for Health
 William R. Mower, MD, PhD
Employer: University of California, Los Angeles
Other income: Supplemental salary support through research grants from NIH, CDC, and University of California; medical expert opinion consulting
Investments: Shares of medical device and drug manufacturers, including Johnson & Johnson, Eli Lilly and Company, Medtronic, Merck & Company, and Pfizer, as well as shares of mutual funds that include health care holdings.
 Timothy F. Platts-Mills, MD, MSc
Employer: Ophirex, Inc. Ophirex is a Public Benefit Corporation developing therapies for snakebite envenoming with funding from the U.S. Army, the Wellcome Trust, and the FDA Office of Orphan Products Development
Other income: NIH/NIA; McGraw-Hill royalties.

Associate Editors

Clare Atzema, MD, MSc
Employer: Department of Medicine, University of Toronto
Other income: Sunnybrook Emergency Physicians Group; Sunnybrook Research Institute; occasional honoraria for speaking at emergency medicine conferences
Grant funding: CIHR
Investments: I own ETFs that may include health care and related companies
 David Barlas, MD
Employer: Summit Health
Other income: Medical expert opinion consulting
Investments: I own mutual funds that may contain equities of health care-related companies, but I do not control the composition of those funds
 Jonathan L. Burstein, MD
Employers: Harvard Medical Faculty Physicians Emergency Medicine at Beth Israel Deaconess Medical Center; Massachusetts Dept. of Public Health
No stocks except whatever is in my TIAACREF retirement funds.
 Jestin Carlson, MD, MS
Employer: St Vincent Hospital/US Acute Care Solution
Other income: Consulting-Provider Resources Incorporated
Speaking fees: The HEART course; Elsevier (Editor royalties for "Pediatric Imaging for the Emergency Provider")
 Gregory W. Hendey, MD
Employer: University of California, Los Angeles
Other income: NIH; STRIVE Network; occasional honoraria for speaking at EM conferences
 Alan E. Jones, MD
Employer: University of Mississippi Medical Center
Grant support: National Institutes of Health
Other income: Medical forensic consulting

Linda E. Keyes, MD
Employer: Boulder Emergency Physicians, Boulder, CO
Other income: clinical consultant for the Epocrates app
Investments: Mutual funds that may hold healthcare stocks
Other boards: editorial board member for High Altitude Medicine and Biology; International Society of Mountain Medicine.
 Lois K. Lee, MD, MPH
Employer: Boston Children's Hospital, Boston, MA
Other income: I receive author royalties from UptoDate and editor royalties from SpringerNature.
Current grant support: NICHD
 Keith A. Marill, MD, MS
Employer: Massachusetts General Physicians Organization
Other income: a variety of non-healthcare and healthcare related securities owned individually and through mutual funds; occasional medical expert opinion consulting
 Nicholas M. Mohr, MD, MS
Employer: University of Iowa
Current grant support: National Institutes of Health (NIH), Centers for Disease Control and Prevention (CDC), Health Resources and Services Administration (HRSA)
Other income: Travel expenses from non-profit professional organizations for speaking engagements
 Lewis S. Nelson, MD
Employer: Florida Atlantic University, Boca Raton, FL
Other income: Medical expert opinion
 Frank Scheuermeyer, MD, MHSc
Employer: Department of Emergency Medicine, University of British Columbia, Providence Healthcare
Additional funding: I own securities that may include healthcare and related companies.

EDITORS (continued)

Daniel W. Spaite, MD

Employer: University of Arizona

Grant support: NIH/NINDS; Department of Defense Research Grant, HRSA, DHHS

David A. Talan, MD

Employer: University of California; University of Iowa; Olive View-UCLA Education and Research Institute

Other income: stock in Light AI, Inc; salary support for research from CDC and NIH; medical expert consulting fees; and lecture honoraria from professional societies and other groups.

Robert D. Welch, MD, MS

Employer: Wayne State University

Other income: "Emergencies in Medicine" company (one of four owners) that offers CME courses; mutual funds that may invest in health care-related companies; stock holdings managed by an investment advisor including Pfizer, Medtronic, and Merck; consultant for Abbott Laboratories and Biomerieux.

Grant funding: co-investigator on CDC and NIH (NIMHD) grants and related projects

Peter C. Wyer, MD

Employer: Columbia University; Founder and Chair, Section on Evidence-Based Health Care; New York Academy of Medicine

Editorial Board

Clifton Callaway, MD, PhD

Employer: University of Pittsburgh and UPMC Health System

Grants: Support from NINDS, NHLBI, NCATS, NASA

Other income: Royalties from UpToDate. Retirement and savings include non-health care sector stocks and mutual funds that hold health care sector investments. I received travel reimbursements from multiple professional organizations and universities, but no industry. Co-founder and stockholder in Intellicardio, Inc, a medical software company.

Patrick M. Carter, MD

Employer: Department of Emergency Medicine, University of Michigan Medical School

Research funding: NIDA; NICHD, NIAAA, CDCP, Michigan Department of Health Human Services (MDHHS)

Other income: None

Investments: TIAA-CREF/Fidelity Retirement Index Funds

Michael Gottlieb, MD

Employer: Rush University Medical Center

Grants: Centers for Disease Control and Prevention, National Institutes of Health, Bill and Melinda Gates Foundation, Biomedical Advanced Research and Development Authority, GE Healthcare, Society of Academic Emergency Medicine Foundation, Brinson Foundation, Charles J. and Margaret Roberts Fund, Emergency Medicine Network

Other income: American Board of Emergency Medicine

Other boards: Society for Clinical Ultrasound Fellowships Board of Directors

Hemal Kanzaria, MD

Employer: University of California San Francisco, San Francisco, CA

Current grants/salary support: California Department of State Hospitals; San Francisco Department of Public Health

Financial relationships/Investments: I serve as an occasional advisor to, and hold equity in, Amae Health, a healthcare company that provides outpatient services for individuals with severe mental illness. My wife and I own shares of mutual funds and index funds representing the broad stock market, which may include health care companies; we do not control decisions regarding the specific companies included in these funds.

Benjamin T. Kerrey, MD, MS

Employer: Cincinnati Children's Hospital Medical Center, Cincinnati, OH

Kenneth A. Michelson, MD, MPH

Employer: Ann & Robert H. Lurie Children's Hospital of Chicago, Chicago, IL

Andrew Monte, MD, PhD

Employer: Rocky Mountain Poison & Drug Safety, Denver Health & Hospital Authority

Other income: I serve on the Scientific Advisory Board of a pharmaceutical company (Anebulo) that seeks to market a CB1 antagonist for treatment of patients with acute cannabis intoxication. I receive an annual stipend for the service I provide.

Current grant support: NIGMS; SAMHSA; CDC

Juan Carlos Montoy, MD, PhD

Employer: University of California, San Francisco, San Francisco, CA

Grant support: CDC; NIH; FDA; SAMHSA

Kathy J. Rinnert, MD, MPH

Employer: University of Texas Southwestern

Other income: Occasional consulting honorarium regarding trauma systems and trauma center verification from American College of Surgeons-Committee on Trauma (ACS-COT), Arkansas Department of Health (ADH), Missouri Department of Health and Senior Services (MDHSS)

Gillian Schmitz, MD, FACEP

Employer: Department of Defense and Uniformed Services University

N. Seth Trueger, MD, MPH

Employer: Northwestern University

Other income: JAMA Network Open

Ambrose H. Wong, MD, MEd

Employer: Yale School of Medicine

Research funding: AMA Foundation, AHRQ, NIH/NIMH, NIH/NIMHD, PCORI

Research Methodology Editors

John P. Donnelly, MSPH, PhD

Employer: University of Michigan Medical School

Other income: research methodology editor stipend and travel stipend for Annals of Emergency Medicine from the American College of Emergency Physicians; ownership interest (spouse) in Khemia Software—a company offering laboratory information management systems software

Investments: investment portfolio with mutual funds that may include health care-related companies

Current grant support: grant support as an NIH K12 Scholar (NHLBI); NIH Loan Repayment award (NIAID)

Kalev Freeman, MD, PhD

Employer: University of Vermont

Current grant support: NIGMS, NHLBI, Department of Defense

Other income: editor stipend from American College of Emergency Physicians; grant reviewer stipend from NIH

Jason Haukoos, MD, MSc

Employer: Denver Health and Hospital Authority

EDITORS (continued)

Other income: research methodology editor stipend and travel stipend for Annals of Emergency Medicine from the American College of Emergency Physicians; methodologist stipend and travel stipend for the Clinical Policies Committee from the American College of Emergency Physicians; biostatistical editor stipend and travel stipend for JAMA Surgery

Grant funding: National Institutes of Health; Department of Defense; CDC; AHRQ

Diane Kuhn, MD, PhD

Employer: Indiana University School of Medicine, Indianapolis, IN
Research funding: Indiana CTSI.

Other income: My husband and I own shares of mutual funds and also index funds representative of the broad stock market, which may include health care companies. I do not control any decisions about what companies are included in these funds.

Katie Lebold, MD, PhD

Employer: Oregon Health & Science University

Other income: research methodology editor stipend for Annals of Emergency Medicine from the American College of Emergency Physicians

Investments: investment portfolio with mutual funds and index funds representative of the broad stock market, which may include healthcare companies. I do not control what companies are included in these funds.

William J. Meurer, MD, MS

Employer: University of Michigan, Ann Arbor, MI

Grants: NINDS, NIMHD, NIDCD, AHRQ, NHLBI, PCORI

Other income: medical expert opinion, Berry Consultants (clinical trials consulting), methodology statistics reviewer for Academic Emergency Medicine journal; research methodology editor stipend from American College of Emergency Physicians; senior editor for Trials (Biomed Central)

Michael C. Monuteaux, ScD

Employer: Boston Children's Hospital, Boston, MA

Other income: research methodology editor stipend from the American College of Emergency Physicians

Lauren Westafer, DO, MPH

Employer: Baystate Medical Center

Grant support: NHLBI

Other income: Editor stipend from the American College of Emergency Physicians, honoraria for contributing to NEJM Journal Watch and ACEP Now, investment portfolio with mutual funds and index funds representative of the broad stock market, which may include health care companies. I do not control any decisions about what companies are included in these funds.

Department Editors

Gary Andolfatto, MD

Employer: University of British Columbia, British Columbia, Canada

Other income: Lions Gate Hospital Emergency Physicians Association Research Program

Jeremy S. Faust, MD, MS

Employer: Brigham and Women's Hospital, Boston, MA

Other income: stipend from Annals of Emergency Medicine; stipend from MedPage Today, stipend from Metal/Inside Medicine.

Marianne Gausche-Hill, MD

Employer: Harbor UCLA Medical Center, Torrance, CA

Funding: ACEP: Editor stipend, ED Accreditation stipend; Elsevier: Rosen's Emergency Medicine Concepts and Clinical Practice Deputy Editor in Chief royalties

Grants: NHLBI, NINDS, HRSA

Rahel Gizaw, MD

Employer: Emory University, Atlanta, GA

Mohamed Hagahmed, MD, MPH

Employer: University of Pittsburgh, Pittsburgh, PA

Jason D. Heiner, MD

Employer: University of Washington, Seattle, WA, Cleveland Clinic

Other income: Northwest Emergency Physicians and stipend for serving as the Medical Program Director for Island Air Ambulance Critical Care Transport

Andrea L. Klein, MD, MPH

Employer: Virginia Polytechnic Institute and State University Carilion School of Medicine, Roanoke, VA

Aryan Madani, DO

Employer: SUNY Downstate Health Sciences University, New York, NY

David T. Overton, MD, MBA

Employer: Western Michigan University Homer Stryker M.D.

School of Medicine, Kalamazoo, MI

Investments in several retirement plans, including mutual funds.

Ryan P. Radecki, MD, MS

Employer: Health New Zealand

Other income: podcast editor stipend from the American College of Emergency Physicians, honoraria for contributions to ACEP Now, honoraria for reviews from Alberta Innovates, consulting fees from Medical Council of New Zealand

Luz Silverio, MD

Employer: Stanford University, Stanford, CA

Rory Spiegel, MD

Employer: University of Maryland Medical Center

Other income: podcast editor stipend from the American College of Emergency Physicians, honoraria for contributions to EM News

Matthew D. Sztajnkrzyer, MD, PhD

Employer: Mayo Clinic, Rochester, MN

Other income: stipend from Annals for CME authorship activities; royalties for UpToDate, Wolters-Kluwer, topic authorship

Jeffrey A. Tabas, MD

Employer: University of California, San Francisco

Other income: Co-editor, Electrocardiography In Emergency Medicine, ACEP Publishing; Co-editor, Cardiovascular Emergencies, ACEP Publishing; honoraria for speaking at emergency medicine conferences; occasional expert witness compensation for testimony in matters related to emergency medicine

Assistant Editor

Charissa B. Pacella, MD

Employer: University of Pittsburgh, Pittsburgh, PA

Rachel Wightman, MD

Employer: Brown University, Providence, RI