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 any potential conflict of interest. The journal already has rigorous practices for identifying potential conflicts of interest among authors and peer reviewers, and this list now expands the practice for all members of the editorial board who make decisions about the acceptance and publication of manuscripts. This list is updated annually and is meant to identify all sources of financial benefit related in any way to the health care industry or any topic discussed in articles managed. More detail can be provided if available.

Editor in Chief

Michael L. Callaham, MD
Employer: University of California San Francisco

Other income: Editor stipend from American College of Emergency Physicians, as well as reimbursement for travel and lodging expenses to ACEP or Annals-related business meetings. I own shares of health-related 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. I receive no payments from nor have any financial interest in any for-profit pharmaceutical or medical device company. I am occasionally paid an honorarium for speaking at educational conferences.

Deputy Editors

Richard C. Dart, MD, PhD
Employer: Rocky Mountain Poison and Drug Center, Denver Health and Hospital Authority

Other income – editor stipend from American College of Emergency Physicians; stipend from Up-To-Date Inc. Research funding from Johnson & Johnson, Consumer Health Products Association, BTG Pharmaceuticals; Pfizer; Purdue Pharma and several other pharmaceutical companies

Steven M. Green, MD
Employer: Loma Linda University

Other income: Editor stipend from American College of Emergency Physicians, medical expert opinion consulting

David L. Schriger, MD, MPH
Employer: University of California, Los Angeles

Other income: Deputy editor and methodology/statistics stipend from the American College of Emergency Physicians; occasional honoraria for speaking at emergency medicine conferences, occasional expert witness compensation for testimony in matters related to emergency medicine

Investments: I hold shares of FMS, a company that provides dialysis equipment and services, and a variety of mutual funds that do not 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.

Henry E. Wang, MD, MS
Employer: University of Alabama at Birmingham

Other income: Research grant support from the national Institutes of Health; editor stipend from American College of Emergency Physicians

Donald M. Yealy, MD
Employer: University of Pittsburgh and University of Pittsburgh Physicians

Current Grant support: NHLBI

Other income sources: American College of Emergency Physicians (Annals deputy editor stipend); Up-to-Date Inc (chapter author royalty); Wolters Kluwer/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”)

Senior Associate Editors

Michael D. Brown, MD, MSc
Employer: Michigan State University

Other income: Payment for services related to expert witness work (maximum of 2 cases per year)

Travel reimbursement: American College of Emergency Physicians (ACEP), American Heart Association (AHA), Society for Academic Emergency Medicine Foundation (SAEMF), and Michigan State University covered travel expenses for meetings over the past year.

Financial Interest: As trustee, serve as a fiduciary for the SAEMF; retirement portfolio consists of corporate bonds and mutual funds

Melissa L. McCarthy, ScD
Employer: The George Washington University

Other income: none

Grants: NIH

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

Research funding: Allergan

Other income: Research grant support from the National Institutes of Health
Allan B Wolfson, MD  
Employer: University of Pittsburgh; University of Pittsburgh Physicians  
Current Grant support: NIDDK  
Other income: Up-to-Date Inc (section editor royalty); Wolters Kluwer Health (editor royalties for "The Clinical Practice of Emergency Medicine"); medical expert opinion consulting

Associate Editors

Tyler W. Barrett, MD, MSCI  
Employer: Vanderbilt University Medical Center  
Grant support: Site principal investigator for industry-sponsored research (Aldre, Quidel, Portola) and Hospital Quality Foundation sponsored study  
Other income: Medical expert consulting; paid consultant with Red Bull GmbH

Jane H. Brice, MD, MPH  
Employer: University of North Carolina at Chapel Hill  
Grant support: Agency for Healthcare Quality and Research; Health Resources and Services Administration

Jonathan L. Burstein, MD  
Employer: 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.

Robert A. De Lorenzo, MD, MSM  
Employer: University of Texas Health Science Center San Antonio  
Other income: Pearson Education; Oak Ridge Institute for Science and Education

Theodore R. Delbridge, MD, MPH  
Employer: East Carolina University  
Other income: occasional medical expert consulting  
Research funding: NIH

Daniel A. Handel, MD, MPH  
Employer: IU Health  
Other income: Royalties from McGraw Hill as an editor on two books

Gregory W. Hendey, MD  
Employer: University of California, Los Angeles  
Other income: NIH (PETAL network); Lippincott (royalties for EM textbook); occasional honoraria for speaking at EM conferences

Alan E. Jones, MD  
Employer: University of Mississippi Medical Center  
Grant support: National Institutes of Health, PCORI  
Other income: Medical forensic consulting

Keith A. Marill, MD, MS  
Employer: Massachusetts General Physicians Organization  
Grant support: Zoll Corporation, Harvard Medical School  
Stock ownership: GE, Medtronic, Amgen, Gilead Sciences  
Other income: occasional medical expert opinion consulting

Gregory J. Moran, MD  
Employer: County of Los Angeles-UCLA and the Olive View-UCLA Education and Research Institute  
Other income: Supplemental salary support from the NIH, the Centers for Disease Control and Prevention (CDC), and the Patient Centered Outcomes Research Institute (PCORI)  
Speaking fees: Hippo Education  
Consulting fees: Medicolegal expert review and consulting

Research funding: Allergan, ContraFect, YES Biotechnology; Mutual fund investments that likely hold health care sector stocks

Lewis S. Nelson, MD  
Employer: Rutgers New Jersey Medical School  
Other income: Medical expert opinion consulting; member of the board of directors of APEM; travel to meetings for activities with CDC, FDA, and DHS

Timothy F. Platts-Mills, MD, MSc  
Employer: University of North Carolina Chapel Hill  
Other income: Research funding (to UNC) from NIH, NIJ, John A. Hartford Foundation; McGraw-Hill (Editor royalties for “First Aid for the Emergency Medicine Boards”)

Megan L. Ranney, MD, MPH  
Employer: University Emergency Medicine Foundation, Alpert Medical School, Brown University, Providence, RI  
Other income: Occasional medical expert testimony related to emergency medicine  
Research funding: PCORI, NIMH, NICHD

Kathy N. Shaw, MD, MSCE  
Employer: University of Pennsylvania School of Medicine  
Other income: Salary support from HRSA funding for the PECARN network

Daniel W. Spaite, MD  
Employer: University of Arizona  
Grant support: NIH/NINDS, Philips Healthcare

Matthew D. Szajnjukcyer, MD, PhD  
Employer: Mayo Clinic, Rochester, MN  
Other income: stipend from Annals for CME authorship activities; royalties for UpToDate, Wolters-Kluwer, topic authorship  
Travel reimbursement: International Trauma Life Support Editorial Board

David A. Talan, MD  
Employer: County of Los Angeles, the Olive View-UCLA Education and Research Institute  
Other income: salary support for research grants from CDC and PCORI; consultant for research grant from Allergan; consultant/ advisory board member; honoraria and research support from GlaxoSmithKine; medical expert consulting fees; and lecture honoraria from professional societies and hospitals

Robert D. Welch, MD, MS  
Employer: Wayne State University, Medical Center Emergency Services, PC  
Other income: “Emergencies in Medicine” that offers CME courses; some mutual funds that invest in health care-related companies; small stock holdings in Merck, Pfizer, and Medco; some mutual funds and member of an investment club that invest in health care-related companies (currently Gilead Science and Stryker Corp. but frequently changes based on club purchases and sales)

Research funding: NIH, NINDS, University of Michigan, Banyan Biomarkers Inc. (Funded by the Department of Defense)

Peter C. Wyer, MD  
Employer: Columbia University, Founder and Chair, Section on Evidence-Based Health Care; New York Academy of Medicine
<table>
<thead>
<tr>
<th>Name</th>
<th>Employer/Details</th>
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<tbody>
<tr>
<td>Kelly D. Young, MD, MS</td>
<td>Employer: Los Angeles County Harbor-UCLA Medical Center</td>
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<tr>
<td></td>
<td>Research Funding: Thrasher Research Fund: Decolonization of the oropharynx, an important and neglected reservoir of S. aureus colonization</td>
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<td></td>
<td>Editorial Board</td>
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<tr>
<td>Clare Atzema, MD, MSc</td>
<td>Employer: Department of Medicine, University of Toronto</td>
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<tr>
<td></td>
<td>Other income: Sunnybrook Emergency Physicians Group; Sunnybrook Emergency Research Institute; Canadian Institutes of Health Research; Heart and Stroke Foundation of Canada New Investigator Award; occasional honoraria for speaking at emergency medicine conferences</td>
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<tr>
<td></td>
<td>Grant funding: CIHR and HSFC</td>
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<tr>
<td>David Barlas, MD</td>
<td>Employer: New York University School of Medicine</td>
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<tr>
<td></td>
<td>Other income: Medical expert opinion consulting</td>
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<td></td>
<td>Investments: I own mutual funds that may contain equities of health care-related companies, but I do not control the composition of those funds</td>
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<tr>
<td>Clifton Callaway, MD, PhD</td>
<td>Employer: University of Pittsburgh and UPMC Health System</td>
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<tr>
<td></td>
<td>Grants: Support from NINDS, NHLBI, NCATS and American Heart Association</td>
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<tr>
<td></td>
<td>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</td>
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<tr>
<td>Jestin Carlson, MD, MS</td>
<td>Employer: St Vincent Hospital/US Acute Care Solution</td>
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<td></td>
<td>Other income: Consulting-Provider Resources Incorporated</td>
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<td></td>
<td>Speaking fees: The HEART course</td>
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<td></td>
<td>Research support from NIH through the NIH Loan Repayment Program, AHA, NHLBI</td>
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<tr>
<td>Brendan G. Carr, MD, MS</td>
<td>Employer: Thomas Jefferson University (TJU)</td>
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<td></td>
<td>Other income (to TJU): Department of Health &amp; Human Services; medical consultant to The Clinton Foundation</td>
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<tr>
<td>Rina K. Cydulka, MD, MS</td>
<td>Employer: MetroHealth Medical Center</td>
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<tr>
<td>Steve Goodacre, PhD, FRCEM</td>
<td>Employer: University of Sheffield, UK</td>
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<tr>
<td></td>
<td>Grant support: UK National Institute for Health Research, US National Institute for Health, Creavo Medical Technologies</td>
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<tr>
<td>Jocelyn Gravel, MD</td>
<td>Employer: Sainte-Justine Hospital, University of Montreal, Montreal, Canada</td>
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<td></td>
<td>Other income: Clinical researcher scholar from “Fond de recherche du Quebec-Sante FRQS”</td>
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<tr>
<td></td>
<td>Grant funding: Quebec Health Research Fund, Canadian Institute of Health Research, Canadian Association of Emergency Physicians</td>
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<tr>
<td>Robert K. Knopp, MD</td>
<td>Employer: none</td>
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<td></td>
<td>Other income: none</td>
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<td></td>
<td>Financial Interests: some retirement funds include health care companies as part of total stock market mutual fund investments</td>
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<tr>
<td>David J. Magid, MD, MPH</td>
<td>Employer: Colorado Permanente Medical Group</td>
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<tr>
<td></td>
<td>Grants: Agency for Healthcare Research and Quality (AHRQ), National Health Lung and Blood Institute, (NHLBI), National Institute on Aging (NIA), National Center for Advancing Translational Science (NCATS), American College of Cardiology Foundation (ACCF), American Heart Association (AHA), Amgen, and Patient Centered Outcomes Research Institute (PCORI)</td>
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<tr>
<td>William J. Meurer, MD, MS</td>
<td>Employer: University of Michigan, Ann Arbor, MI</td>
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<td></td>
<td>Grants: NINDS, NIDCD, AHRQ, Masey Foundation (non-profit philanthropy through University of Michigan)</td>
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<td>Other income: Medical expert opinion methodology statistics reviewer for Academic Emergency Medicine journal; research methodology editor stipend from American College of Emergency Physicians</td>
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<tr>
<td>Lise E. Nigrovic, MD, MPH</td>
<td>Employer: Boston Children’s Hospital</td>
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<td></td>
<td>Funding: NIH, EMSC, Global Lyme Alliance</td>
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<tr>
<td>Kathy J. Rinnert, MD, MPH</td>
<td>Employer: University of Texas Southwestern</td>
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<td>Other income: Occasional consulting honorarium regarding trauma systems and trauma center verification from American College of Surgeons-Committee on Trauma (ASC-COT), Arkansas Department of Health (ADH), Missouri Department of Health and Senior Services (MDHSS)</td>
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<tr>
<td>Frank Scheuermeyer, MD, MHS</td>
<td>Employer: Department of Emergency Medicine, University of British Columbia</td>
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<tr>
<td></td>
<td>Additional funding: St. Paul’s Emergency Associates</td>
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<tr>
<td>Richelle Cooper, MD, MSHS</td>
<td>Employer: University of California Los Angeles</td>
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<tr>
<td></td>
<td>Other income: research methodology editor stipend from the American College of Emergency Physicians; small grant from the Department of Defense</td>
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<tr>
<td>Kaleb Freeman, MD, PhD</td>
<td>Employer: University of Vermont</td>
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<td>Current grant support: NIGMS, NHLBI, Department of Defense</td>
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<td>Other income: editor stipend from American College of Emergency Physicians; consulting, advisory board member, and ownership interests in PhytoScience Institute and several other medical cannabis companies</td>
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<tr>
<td>Jason Haukoos, MD, MSc</td>
<td>Employer: Denver Health and Hospital Authority</td>
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<tr>
<td></td>
<td>Research Methodology Editors</td>
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<td>Richelle Cooper, MD, MSHS</td>
<td>Employer: University of California Los Angeles</td>
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<td>Jason Haukoos, MD, MSc</td>
<td>Employer: Denver Health and Hospital Authority</td>
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</tbody>
</table>
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 (NIAID; NIDA; NHLBI; NINDS); Agency for Healthcare Research and Quality
Amy H. Kaji, MD, PhD
Employers: County of Los Angeles; University of California, Los Angeles; Columbia Emergency Physicians
Other income: UpToDate; research methodology editor stipend from the American College of Emergency Physicians; stipend from the ACEP Research Clinical Policies Committee as a consultant to review methods of the studies that they use to create the policies; stipend from JAMA Surgery for serving as a statistical methods reviewer
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
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.

Department Editors
Gary Andolfatto, MD
Employer: University of British Columbia, British Columbia, Canada
Other income: grant funding from Vancouver Coastal Health Research Institute
Jeremy S. Faust, MD, MS
Employer: Brigham and Women’s Hospital, Boston, MA
Other income: stipend from Annals of Emergency Medicine
Jason D. Heiner, MD
Employer: University of Washington, Seattle, WA, and PeaceHealth Peace Island Medical Center, Friday Harbor, WA
Other income: none
Debra E. Houry, MD, MPH
Employer: Centers for Disease Control and Prevention
Christopher Kahn, MD, MPH
Employer: University of California, San Diego
Other income: occasional medicolegal consulting
Investments: Various index and other mutual funds which likely include health care-related companies

Michelle Lin, MD
Employer: University of California, San Francisco
Other income: CEO for Academic Life in Emergency Medicine
Truman J. Milling, Jr., MD
Employer: Clinical – US Acute Care Solutions Southwest/Emergency Service Partners: Research - Seton Dell Medical School Stroke Institute
Other income: NHLBI Career Development Award (K23), Editor Stipend for Annals of Emergency Medicine; Andexanet Alfa Clinical Trial Executive Committee funded by Public Health Research Institute at McMasters University; medico-legal consulting; Janssen Speakers Bureau, Portola Pharmaceuticals research funding
Joshua N. Mirkin, MD
Employer: Albert Einstein Medical Center, Philadelphia, PA
David T. Overton, MD, MBA
Employer: Western Michigan University School of Medicine, Kalamazoo, MI
Investments in several retirement plans, including mutual funds.
Ryan P. Radecki, MD, MS
Employer: Northwest Permanent, PC
Other income: podcast editor stipend from the American College of Emergency Physicians, honoraria for contributions to ACEPNow!, medical expert opinion consulting
Christina Shenvi, MD, PhD
Employer: University of North Carolina, Chapel Hill
Other income: support from McGraw Hill as a content developer and lecturer/writer; support from EP Monthly as a writer
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
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
Seth Trueger, MD, MPH
Employer: Northwestern University
Other income: Emergency Physicians Monthly; stipend and writing fees as Social Media Editor; travel/conference expenses from American College of Emergency Physicians