

UC Irvine

Western Journal of Emergency Medicine: Integrating Emergency Care with Population Health

Title

Masthead

Permalink

<https://escholarship.org/uc/item/8mb8k56n>

Journal

Western Journal of Emergency Medicine: Integrating Emergency Care with Population Health, 17(2)

ISSN

1936-900X

Author

Lam, Vincent

Publication Date

2016

Copyright Information

Copyright 2016 by the author(s). This work is made available under the terms of a Creative Commons Attribution License, available at <https://creativecommons.org/licenses/by/4.0/>

Western Journal of Emergency Medicine:

Integrating Emergency Care with Population Health

Indexed in MEDLINE

Mark I. Langdorf, MD, MHPE, Editor-in-Chief
University of California, Irvine School of Medicine

Sean O. Henderson, MD, Senior Associate Editor
Keck School of Medicine, University of Southern California

Niels K. Rathlev, MD, Associate Editor
Tufts University Medical School and Baystate Medical Center

Shahram Lotfipour, MD, MPH, Managing Associate Editor
University of California, Irvine School of Medicine

Joel M. Schofer, MD, MBA, Associate Editor
Naval Medical Center Portsmouth

Rick A. McPheeters, DO, Associate Editor
Kern Medical Center

Thomas Terndrup, MD, Associate Editor
Ohio State University

Edward Michelson, MD, Associate Editor
Case Western University

Section Editors

AAEM/RSA

Michael Gottlieb, MD
Cook County Hospital

Andrew W. Phillips, MD, MEd
Stanford/Kaiser Emergency Medicine

Behavioral Emergencies

Michael P. Wilson, MD, PhD
University of California, San Diego

Leslie Zun, MD, MBA
Chicago Medical School

Clinical Practice

Michael Abraham, MD
University of Maryland

Eric Snoey, MD
Alameda County Medical Center

David Thompson, MD
University of California, San Francisco

Kenneth S. Whitlow, DO
Kaweah Delta Medical Center

Critical Care

Joseph Shiber, MD
University of Florida - College of Medicine

Todd Slesinger, MD
Aventura Hospital and Medical Center

Christopher "Kit" Tainter, MD
University of California, San Diego

Disaster Medicine

Christopher Kang, MD
Madigan Army Medical Center

Gentry Wilkerson, MD
University of Maryland

Education

Douglas Ander, MD
Emory University

Jeffrey Druck, MD
University of Colorado

Michael Epter, DO
Maricopa Medical Center

ED Administration

Gary Johnson, MD
Upstate Medical University

James Langabeer II, MBA, EMT, PhD
University of Texas Medical School

Emergency Cardiac Care

Michael Kurz, MD
University of Alabama at Birmingham

Amal Mattu, MD
University of Maryland

Emergency Medical Services

Christopher Kahn, MD, MPH
University of California, San Diego

Derek Cooney, MD
*State University of New York Upstate
Medical University, New York*

Joshua B. Gaither, MD
Arizona State University, Tucson

Shira A. Schlesinger, MD, MPH
University of California, Irvine

Geriatrics

Teresita M. Hogan, MD
University of Chicago

Kathleen Walsh, DO, MS
University of Wisconsin

Infectious Disease

Robert Derlet, MD
University of California, Davis

Sukhjit S. Takhar, MD
Harvard Medical School

Injury Prevention

Bharath Chakravarthy, MD, MPH
University of California, Irvine

Wirachin Hoonpongsimanont, MD
University of California, Irvine

International Medicine

Chris Mills, MD, MPH
Santa Clara Valley Medical Center

Rolando Valenzuela, MD
University of Southern California

Legal Medicine

Greg P. Moore, MD, JD
Madigan Army Medical Center

Methodology and Biostatistics

Craig Anderson, MPH, PhD
University of California, Irvine

Elizabeth Burner, MD, MPH
University of Southern California

Christian McClung, MD MPhil
University of Southern California

Musculoskeletal

Juan F. Acosta DO, MS
Pacific Northwest University

Neurosciences

Edward P. Sloan, MD, MPH
University of Illinois at Chicago

William D. Whetstone, MD
University of California, San Francisco

Pediatric Emergency Medicine

Judith Klein, MD
University of California, San Francisco

Paul Walsh, MD, MSc
University of California, Davis

Muhammad Waseem, MD
Lincoln Medical & Mental Health Center

Public Health

Jeremy Hess, MD, MPH
Emory University

Chadd Kraus, DO, DrPH, MPH
University of Missouri - Columbia

Trevor Mills, MD, MPH
Northern California VA Health Care

Resident/Student/Fellow Forum

John Ashurst, DO
Lehigh Valley Health Network

Cecylia Kelley, DO
Inspira Health Network

Technology in Emergency Medicine

Sanjay Arora, MD
University of Southern California

Robert L. Rogers, MD
University of Kentucky

Trauma

William Paolo, MD
SUNY Upstate

David Peak, MD
*Massachusetts General Hospital/Harvard
Medical School*

Toxicology

Jeffrey R. Suchard, MD
University of California, Irvine

Brandon Wills, DO, MS
Virginia Commonwealth University

Ultrasound

Gavin Budhram, MD
Tufts University

Laleh Gharabaghian, MD
Stanford University

Shane Summers, MD
Brooke Army Medical Center

J. Matthew Fields, MD
Thomas Jefferson University

Official Journal of the California Chapter of the American College of Emergency Physicians, the America College of Osteopathic Emergency Physicians, and the California Chapter of the American Academy of Emergency Medicine



Available in MEDLINE, PubMed, PubMed Central, CINAHL, SCOPUS, Google Scholar, eScholarship, Melvyl, DOAJ, EBSCO, EMBASE, Medscape, HINARI, and MDLinx Emergency Med. Members of OASPA.

Editorial and Publishing Office: *WestJEM*/Department of Emergency Medicine, UC Irvine Health, 333 The City Blvd, West, Rt 128-01, Orange, CA 92868, USA
Office: 1-714-456-6389; Email: Editor@westjem.org

Western Journal of Emergency Medicine:

Integrating Emergency Care with Population Health

Indexed in MEDLINE

Editorial Board

Erik D. Barton, MD, MBA
University of California, Irvine

Peter A. Bell, DO, MBA
*Ohio University, Heritage
College of Osteopathic Medicine*

Barry E. Brenner, MD, MPH
Case Western Reserve University

David F.M. Brown, MD
*Massachusetts General Hospital/
Harvard Medical School*

Francis Counselman, MD
Eastern Virginia Medical School

Robert W. Derlet, MD
University of California, Davis

Daniel J. Dire, MD
*University of Texas Health
Sciences Center San Antonio*

Steven Gabaeff, MD
Clinical Forensic Medicine

Brent King, MD, MMM
University of Texas, Houston

Edward Michelson, MD
Case Western University

Linda S. Murphy, MLIS
*University of California, Irvine
School of Medicine Librarian*

Jonathan Olshaker, MD
Boston University

Edward Panacek, MD, MPH
University of South Alabama

Niels K. Rathlev, MD
*Tufts University Medical School
and Baystate Medical Center*

Robert M. Rodriguez, MD
*University of California, San
Francisco*

Scott Rudkin, MD, MBA
University of California, Irvine

Peter Sokolove, MD
*University of California, San
Francisco*

Samuel J. Stratton, MD, MPH
Orange County, CA, EMS Agency

Robert Suter, DO, MHA
UT Southwestern Medical Center

Thomas Terndrup, MD
Ohio State University

Scott Zeller, MD
Alameda County Medical Center

Leslie Zun, MD, MBA
Chicago Medical School

Advisory Board

Peter A. Bell, DO, MBA
*American College of Osteopathic
Emergency Physicians
Ohio University, Heritage
College of Osteopathic Medicine*

John B. Christensen, MD
*California Chapter Division of
AAEM*

Amal Khalil, MBA
UC Irvine Health SOM

Mark I. Langdorf, MD, MHPE
UC Irvine Health SOM

Elena Lopez-Gusman
*California ACEP
American College of Emergency
Physicians*

Shahram Lotfipour, MD, MPH
UC Irvine Health SOM

William Mallon, MD
*California ACEP
American College of Emergency
Physicians
University of Southern California
Keck School of Medicine*

Trevor Mills, MD, MPH
*California Chapter Division of
AAEM
LSU Medical Center*

Aimee Moulin, MD
*California ACEP
American College of Emergency
Physicians
University of California, Davis*

Robert Suter, DO, MHA
*American College of Osteopathic
Emergency Physicians
UT Southwestern Medical Center*

Jan Wachtler
*American College of Osteopathic
Emergency Physicians*

Editorial Staff

Nadeem Albadawi, BS
Associate Publishing Director

Chelsey Bithell, BS
Associate Editorial Director

June Casey, BA
Copy Editor

Emily DeVillers
CALAAEM WestJEM Liaison

Vincent Lam, BS
Publishing Director

Ryan Nguyen, BS
Marketing Director

Patrick Penalosa, BS
Editorial Director

Diane Shin, BS
Associate Publishing Director

Alex Trinh, BS
Website Manager

International Editorial Board

Arif A. Cevik, MD
*Eskişehir Osmangazi University
Medical Center, Eskişehir, Turkey*

Francesco D. Corte, MD
*Azienda Ospedaliera Universitaria
"Maggiore della Carità", Novara,
Italy*

Vijay Gautam, MBBS
*University of London, United
Kingdom*

Wirachin Hoonpongsimanont, MD
University of California, Irvine

Amin A. Kazzi, MD
*The American University of
Beirut, Lebanon*

Steven H. Lim, MD
*Changi General Hospital,
Singapore*

Kobi Peleg, PhD, MPH
Tel-Aviv University, Israel

Rapeepron Rojsaengroeng, MD
*Ramathibodi Hospital, Mahidol
University, Bangkok, Thailand*

Official Journal of the California Chapter of the American College of Emergency Physicians, the American College of Osteopathic Emergency Physicians, and the California Chapter of the American Academy of Emergency Medicine



Available in MEDLINE, PubMed, PubMed Central, CINAHL, SCOPUS, Google Scholar, eScholarship, Melvyl, DOAJ, EBSCO, EMBASE, Medscape, HINARI, and MDLinx Emergency Med. Members of OASPA.

Editorial and Publishing Office: WestJEM/Department of Emergency Medicine, UC Irvine Health, 333 The City Blvd, West, Rt 128-01, Orange, CA 92866, USA

Office: 1-714-456-6389; Email: Editor@westjem.org

Western Journal of Emergency Medicine:

Integrating Emergency Care with Population Health

Indexed in MEDLINE

This open access publication would not be possible without the generous and continual financial support of our society sponsors, department and chapter subscribers.

Professional Society Sponsors

AMERICAN COLLEGE OF OSTEOPATHIC EMERGENCY PHYSICIANS

CALIFORNIA ACEP

CALIFORNIA CHAPTER DIVISION OF

AMERICAN ACADEMY OF EMERGENCY MEDICINE

Academic Department of Emergency Medicine Subscriber

ADVOCATE CHRIST MEDICAL CENTER
OAK LAWN, IL

ALLEGHENY HEALTH NETWORK
PITTSBURGH, PA

AMERICAN UNIVERSITY OF BEIRUT
BEIRUT, LEBANON

BAYLOR COLLEGE OF MEDICINE
HOUSTON, TX

BAYSTATE MEDICAL CENTER/TUFTS
UNIVERSITY
SPRINGFIELD, MA

BOSTON MEDICAL CENTER
BOSTON, MA

BRIGHAM AND WOMEN'S HOSPITAL
DEPARTMENT OF EMERGENCY
MEDICINE
BOSTON, MA

BROWN UNIVERSITY
PROVIDENCE, RI

CALIFORNIA STATE UNIVERSITY FRESNO
FRESNO, CA

CARL R. DARNALL ARMY MEDICAL
CENTER
FORT HOOD, TX

CONEMAUGH MEMORIAL MEDICAL
CENTER
JOHNSTOWN, PA

EASTERN VIRGINIA MEDICAL SCHOOL
NORFOLK, VA

EMORY UNIVERSITY
ATLANTA, GA

FLORIDA HOSPITAL MEDICAL CENTER
ORLANDO, FL

GEORGIA REGENTS UNIVERSITY
EMERGENCY MEDICINE RESIDENCY AND
FELLOWSHIP
AUGUSTA, GA

GOOD SAMARITAN HOSPITAL MEDICAL
CENTER
WEST ISLIP, NY

HENRY FORD MEDICAL CENTER
DETROIT, MI

HIGHLAND HOSPITAL
OAKLAND, CA

INTEGRIS HEALTH
OKLAHOMA CITY, OK

KAWAHEH DELTA HEALTH CARE DISTRICT
VISALIA, CA

KENNEDY UNIVERSITY HOSPITALS
TURNERSVILLE, NJ

KERN MEDICAL CENTER
BAKERSFIELD, CA

LAKELAND HEALTHCARE
ST. JOSEPH, MICHIGAN

LEHIGH VALLEY HOSPITAL AND HEALTH
NETWORK
ALLENTOWN, PA

LOUISIANA STATE UNIVERSITY HEALTH
SCIENCES CENTER
NEW ORLEANS, LA

MADIGAN ARMY MEDICAL CENTER
TACOMA, WA

MAIMONIDES MEDICAL CENTER
BROOKLYN, NY

MARICOPA MEDICAL CENTER
PHOENIX, AZ

MASSACHUSETTS GENERAL HOSPITAL
BOSTON, MA

MAYO CLINIC COLLEGE OF MEDICINE
ROCHESTER, MN

MT. SINAI MEDICAL CENTER
MIAMI BEACH, FL

NEW YORK MEDICAL COLLEGE AT
METROPOLITAN HOSPITAL CENTER
NEW YORK, NY

NEW YORK METHODIST HOSPITAL
BROOKLYN, NY

NORTH SHORE UNIVERSITY HOSPITAL
MANHASSET, NY

OHIO STATE UNIVERSITY MEDICAL CENTER
COLUMBUS, OH

OKLAHOMA UNIVERSITY
NORMAN, OK

PENN STATE MILTON S. HERSHEY MEDICAL
CENTER
HERSHEY, PA

PRESENCE RESURRECTION MEDICAL
CENTER
CHICAGO, IL

REGIONS HOSPITAL/ HEALTH PARTNERS
INSTITUTE FOR EDUCATION AND RESEARCH
ST. PAUL, MN

ROBERT WOOD JOHNSON HOSPITAL
NEW BRUNSWICK, NJ

SOUTHERN ILLINOIS UNIVERSITY
CARBONDALE, IL

STANFORD UNIVERSITY
PALO ALTO, CA

SUNY DOWNSTATE MEDICAL CENTER NEW
YORK CITY, NY

SUNY UPSTATE MEDICAL CENTER
SYRACUSE, NY

TEMPLE UNIVERSITY
PHILADELPHIA, PA

UNIVERSITY HOSPITALS CASE MEDICAL
CENTER
CLEVELAND, OH

UNIVERSITY OF ALABAMA, BIRMINGHAM
BIRMINGHAM, AL

UNIVERSITY OF ARIZONA
TUCSON, AZ

UNIVERSITY OF CALIFORNIA, DAVIS MEDICAL
CENTER
DAVIS, CA

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO
SAN FRANCISCO, CA

UNIVERSITY OF CALIFORNIA, SAN FRANCISCO,
FRESNO
FRESNO, CA

UNIVERSITY OF CALIFORNIA IRVINE
ORANGE, CA

UNIVERSITY OF CALIFORNIA, LOS ANGELES
LOS ANGELES, CA

UNIVERSITY OF CALIFORNIA SAN DIEGO
LA JOLLA, CA

UNIVERSITY OF COLORADO & DENVER
HEALTH
DENVER, CO

UNIVERSITY OF FLORIDA
JACKSONVILLE, FL

UNIVERSITY OF ILLINOIS AT CHICAGO
CHICAGO, IL

UNIVERSITY OF IOWA
IOWA CITY, IA

UNIVERSITY OF KANSAS HOSPITAL
KANSAS CITY, KS

UNIVERSITY OF LOUISVILLE
LOUISVILLE, KY

UNIVERSITY OF MARYLAND
COLLEGE PARK, MD

UNIVERSITY OF MICHIGAN
ANN ARBOR, MI

UNIVERSITY OF MISSOURI
COLUMBIA, MO

UNIVERSITY OF NEBRASKA MEDICAL CENTER
OMAHA, NE

UNIVERSITY OF NEVADA
LAS VEGAS, NV

UNIVERSITY OF OKLAHOMA
NORMAN, OK

UNIVERSITY OF SOUTHERN CALIFORNIA/KECK
SCHOOL OF MEDICINE
LOS ANGELES, CA

UNIVERSITY OF TENNESSEE, MEMPHIS
MEMPHIS, TN

UNIVERSITY OF TEXAS
HOUSTON, TX

UNIVERSITY OF WASHINGTON
SEATTLE, WA

UNIVERSITY OF WISCONSIN HOSPITALS AND
CLINICS
MADISON, WI

UNIVERSITY OF UTAH
SALT LAKE CITY, UT

VIRGINIA COMMONWEALTH UNIVERSITY
MEDICAL CENTER
RICHMOND, VA

YORK HOSPITAL
YORK, ME

State Chapter Subscriber

ARIZONA CHAPTER DIVISION OF THE
AMERICAN ACADEMY OF EMERGENCY MEDICINE

CALIFORNIA CHAPTER DIVISION OF THE
AMERICAN ACADEMY OF EMERGENCY MEDICINE

FLORIDA CHAPTER DIVISION OF THE
AMERICAN ACADEMY OF EMERGENCY MEDICINE

GREAT LAKES CHAPTER DIVISION OF THE
AMERICAN ACADEMY OF EMERGENCY MEDICINE

TENNESSEE CHAPTER DIVISION OF THE
AMERICAN ACADEMY OF EMERGENCY MEDICINE

UNIFORMED SERVICES CHAPTER DIVISION OF THE
AMERICAN ACADEMY OF EMERGENCY MEDICINE

VIRGINIA CHAPTER DIVISION OF THE
AMERICAN ACADEMY OF EMERGENCY MEDICINE

International Society Partners

SOCIEDAD ARGENTINA DE EMERGENCIAS

SOCIEDAD CHILENO MEDICINA URGENCIA

THAI ASSOCIATION FOR EMERGENCY MEDICINE

EMERGENCY MEDICINE ASSOCIATION OF TURKEY

To become a WestJEM departmental sponsor, waive article processing fee, receive print and copies for all faculty and electronic for faculty/residents, and free CME and faculty/fellow position advertisement space, please go to <http://westjem.com/subscribe> or contact:

Emily DeVillers

WestJEM Staff Liaison

Phone: 1-800-884-2236

Email: sales@westjem.org