

PREVENTING CHRONIC DISEASE

PUBLIC HEALTH RESEARCH, PRACTICE, AND POLICY



YEAR IN REVIEW



U.S. Department of
Health and Human Services
Centers for Disease
Control and Prevention

A WORD FROM THE EDITOR IN CHIEF

Preventing Chronic Disease (PCD) had its most successful year to date in 2021. Despite the challenges of working during the pandemic, PCD published 4 important collections, published the most widely read article in its history, and continued to appoint distinguished researchers, evaluators, community interventionists, health economists, statisticians, and other public health specialists to the journal's Editorial Board, Associate Editor team, and Statistics Review Committee. PCD content continues to resonate with its readership, as evidenced by an increase in the journal's impact factor. In 2021, PCD received a journal impact factor of 2.803, a big jump from the previous year's 2.144, in the Web of Science Journal Citation Reports. PCD's 5-year impact factor also saw an impressive increase, up to 3.215 from last year's 2.822. In addition, PCD is now ranked 4th out of 27 open-access US public health journals by SJR (Scimago).

PCD published high-quality peer-reviewed papers on a variety of critical topics in public health: chronic disease prevention and control efforts among multi-comorbidities, health systems research, COVID-19 and chronic diseases, use of GIS for public health planning, advancing health equity science research, and improving health and wellness across the life stages. PCD's acceptance rate dropped slightly from the previous year to 21.5%, a reflection of PCD's continuing emphasis on manuscripts of the highest quality and scientific rigor. PCD's focus overall was on manuscripts that provided insights on the development, implementation, and evaluation of population-based interventions to prevent chronic diseases and control disease effects on quality of life, morbidity, and mortality.

PCD's 4 published collections addressed long-standing and emerging public health challenges. In March, PCD published its collection, "Oral Health Behaviors and Availability of Dental Services Among Children and Adults," which features 8 articles that discuss contemporary dental public health challenges and opportunities. These include inequities in access to dental care, disparities in the prevalence of oral disease, risk behaviors related to oral disease, the relationship between oral health and chronic diseases, and the effect of the COVID-19 pandemic on oral health.

In April, PCD published the collection, "Global Perspectives on Improving Chronic Disease Prevention and Management in Diverse Settings." This collection features 15 peer-reviewed articles published over 4 years, from March 2017 to December 2020. This global collection includes articles from North America (United States), South America (Brazil, Mexico, Guatemala), Europe (Spain, Denmark, UK global authors), Asia (Taiwan, Iran, South Korea), Africa (South Africa, Nigeria, Senegal), and Australia. The articles are grouped into 2 themes: 1) chronic disease outcomes such as diabetes and cardiovascular diseases, as well as the impact of COVID-19; and 2) behaviors and strategies (such as healthy food, smoking cessation, breastfeeding, and physical activity) that either prevent chronic diseases or aid in chronic disease management.

In July, the journal published the collection, "PCD 2021 Student Research Collection: Building Public Health Research Capacity in Real-World Settings." This collection of student papers marked the 10-year anniversary of our efforts to build scientific publishing skills and abilities among students. The primary aims of PCD's student manuscripts have evolved over the years.

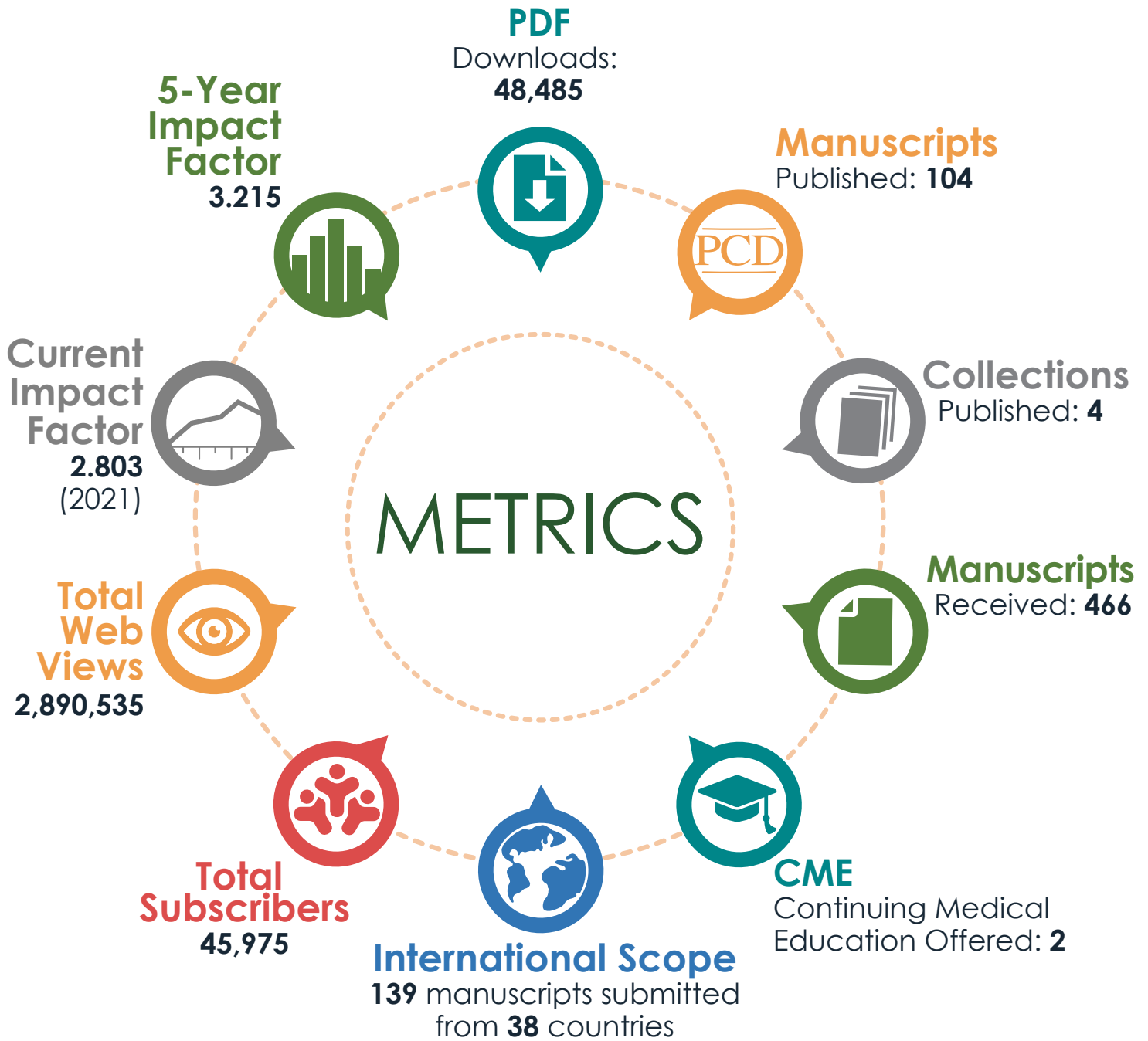
Specifically, we aim to 1) provide an opportunity to become familiar with a journal's manuscript submission requirements and peer review process; 2) foster connections among student knowledge and training, the conduct of quality research, and a journal's publication expectations; 3) develop research and scientific writing skills to become producers of knowledge, rather than just consumers of knowledge; 4) provide an opportunity to become a first author on a peer-reviewed article; and 5) promote supportive, respectful, and mutually beneficial mentee relationships that strengthen students' ability to generate and submit scholarly manuscripts throughout their professional careers. The PCD 2021 Student Research Collection is dedicated to Samuel Posner, PhD, the person who envisioned and led the journal's first student competition in 2011.

And, finally, in August of this year, PCD published a collection on advancing health equity and eliminating health disparities, which have been and continue to be high-priority issues in public health. "Advancing Health Equity, Eliminating Health Disparities, and Improving Population Health" features 17 articles; 10 were submitted in response to PCD's call for papers for this collection and 7 were previously published in the journal. All articles underwent the journal's rigorous peer-review process. This collection also features a position statement on the journal's commitment to advancing diversity, equity, and inclusion in its scientific leadership, peer review process, research focus, training, and continuing education.

In closing, PCD's tremendous success in 2021 would not have been possible without the contributions of its rich pool of qualified peer reviewers. PCD peer reviewers provide their expertise to the journal on a voluntary basis. More than 1,300 peer reviewers offered their time and service to the journal in 2021, contributing their expertise to make the most informed decisions on papers submitted to the journal. We can't thank our peer reviewers enough for their contribution to the success of the journal. PCD would also like to thank the journal's Editorial Board, Associate Editors, Statistical Review Committee members, PCD staff, subscribers, and senior leadership in the National Center for Chronic Disease Prevention and Health Promotion for their unwavering support of the journal. As a result of the journal's tremendous support, PCD is well positioned to continue its effort to provide the world with peer-reviewed research, evaluation, and practice content.

Leonard Jack, Jr, PhD, MSc





SCOPE AND FOCUS

PCD's versatile online publication platform and relevant, rigorous research continue to set it apart from other journals in the public health arena. With each weekly release of articles, PCD continues its mission to promote dialogue among researchers, practitioners, and policy makers worldwide on the integration and application of research findings and practical experience to improve population health. PCD has released 7 Calls for Papers in 2021. The following major topic areas are of great interest to the journal:

1. Call for Papers: COVID-19 & Chronic Diseases: Burden, Access to Care, Community Engagement, and Partnerships

Chronic diseases have exacted a heavy burden on the adult population and account for leading causes of death globally. Many chronic diseases (eg, cancer, cardiovascular diseases, diabetes, chronic kidney disease) and risk factors (such as obesity and smoking) increase the severity of COVID-19 outcomes. Consequently, rates of hospitalization and death due to COVID-19 increase as the number of conditions increase. COVID-19 can further exacerbate the health conditions of individuals living with a chronic disease given that COVID-19 is a complex multisystem disorder that can affect multiple organs and tissues. Further, patients with chronic conditions report not engaging in recommended preventive health care due to the fear of COVID-19 infection. PCD seeks to expand these topics, along with these additional examples:

- COVID-19 incidence and fatality among adults with chronic conditions by urban-rural classification
- Racial and ethnic disparities in COVID-19 vaccination rates and access among adults with chronic disease
- Health-related behavioral risk factors related to chronic conditions
- Racial and ethnic disparities in COVID-19 incidence and receiving medical treatment among adults with chronic conditions
- The influence/impact of social determinants of health on chronic disease and COVID-19 pandemic among vulnerable populations
- Structural racism, chronic disease management, and COVID-19

Learn more about this [Call for Papers](#).

2. 2022 PCD Publishing Opportunity for Students

PCD is looking for students at the high school, undergraduate and graduate levels, and recent postgraduates to submit papers relevant to the prevention, screening, surveillance, and population-based intervention of chronic diseases, including but not limited to arthritis, asthma, cancer, depression, diabetes, obesity, cardiovascular disease, COVID-19 and chronic conditions. Accepted papers will become part of PCD's special **Student Research Collection**.

Learn more about this [Call for Papers](#).

3. Health Equity in Action: Research, Policy, and Practice

PCD welcomes submissions for its upcoming collection, "Health Equity in Action: Research, Practice, and Policy." Advancing health equity and eliminating health disparities have been and continue to be critical areas of great interest to PCD. Healthy People 2020 defines health equity as the attainment of the highest level of health for people: "Achieving health equity requires valuing everyone equally with focused and ongoing societal efforts to address avoidable inequities, historical and contemporary injustices, and the elimination of health and health care disparities."

PCD is interested in learning where, when, and how to effectively intervene to improve health equity. Examples include but are not limited to the following:

- Advancing health equity and health disparities: similarities, differences, and rationale for next steps
- Integrating health equity in all policies
- Conducting early studies of interventions to improve health equity
- Identifying potential health interventions to improve health equity in diverse populations and settings
- Integrating health equity in program design, implementation, and evaluation
- Engaging community stakeholders to advance health equity
- Developing communication approaches and strategies to convey meaning and importance of health equity science, practice, and policy

Learn more about this [Call for Papers](#).

4. Global Responses to Prevent, Manage, and Control Cardiovascular Disease

Heart disease and strokes continue to be leading causes of death and major disability worldwide despite the recent impact of the COVID-19 pandemic. Over the past several years, efforts have increased to implement timely intervention programs in multiple settings, across all age groups, in the general population and among high-risk groups to achieve population-level improvements in cardiovascular health. PCD is interested in publishing papers from around the world that offer insight into successes and challenges of public health strategies to improve cardiovascular health through prevention, detection, and treatment. Examples of topics of interest include but are not limited to the following:

- Factors contributing to the decline or increase in heart disease risk
- Drivers of racial and ethnic minority population disparities in cardiovascular health
- Cardiovascular disease risk reduction programs in urban, rural, clinical, and/or community settings
- Health equity approaches to reducing coronary heart disease and strokes among diverse populations
- Health systems approaches to helping patients maintain their routine care, treatment, and access to medical care
- Geographic variations in the costs of heart disease

Learn more about this [Call for Papers](#).

5. Sleep Deprivation, Sleep Disorders, and Chronic Disease

Sleep is an essential daily behavior that supports physical, emotional, and psychological well-being. Nearly every system of the body depends on satisfactory sleep quality and quantity for routine healing, repair, and restoration. Research shows that insufficient sleep is linked to an increased risk for the development of type 2 diabetes, and sleep duration and sleep quality have emerged as predictors of hemoglobin A1c level, a key marker of blood sugar control. Hypertension, stroke, coronary heart disease, and irregular heartbeat are more common among those with disordered sleep than those without sleep abnormalities.

PCD is interested in publishing papers from around the world that bring increased attention to the relationship between sleep and chronic disease and offer insight into successes and challenges of public health strategies to improve the quality of sleep. Examples of topics include but are not limited to the following:

- Prevalence of healthy and unhealthy sleep duration among children, adolescents, adults, and older adults
- Latest research on causes, symptoms, and treatment of sleep deprivation and sleep disorders
- Differences in the amount, frequency, time, efficiency, and quality of sleep among racial and ethnic groups
- Research on the link between insufficient sleep and an increased risk for the development of type 2 diabetes
- Effects of the COVID-19 pandemic on sleep quality among the general population
- Effects of the COVID-19 pandemic on sleep quality among racial and ethnic groups

Learn more about this [Call for Papers](#).

TOP 10 MOST POPULAR ARTICLES OF 2020

PCD is excited to announce its most popular articles of 2021 as rated by Altmetric. Thousands of conversations about scholarly content happen online every day. Altmetric tracks a range of sources to capture, collate, and score this activity.

01. **Underlying Medical Conditions and Severe Illness Among 540,667 Adults Hospitalized With COVID-19, March 2020–March 2021**
02. **Needs and Preferences Among Food Pantry Clients**
03. **Retail Marketing of Menthol Cigarettes in Los Angeles, California: A Challenge to Health Equity**
04. **Disparities in Internet Access and COVID-19 Vaccination in New York City**
05. **COVID-19 Disparities Among Marshallese Pacific Islanders**
06. **Health-Related Behaviors and Odds of COVID-19 Hospitalization in a Military Population**
07. **COVID-19 and Chronic Disease: The Impact Now and in the Future**
08. **Effect of Inadequate Sleep on Frequent Mental Distress**
09. **Cancer Incidence Projections in the United States Between 2015 and 2050**
10. **New SNAP Eligibility in California Associated With Improved Food Security and Health**



About the Journal

PCD is a peer-reviewed public health journal sponsored by the Centers for Disease Control and Prevention and authored by experts worldwide. PCD was established in 2004 by the National Center for Chronic Disease Prevention and Health Promotion with a mission to promote dialogue among researchers, practitioners, and policy makers worldwide on the integration and application of research findings and practical experience to improve population health.

PCD's vision is to serve as an influential journal in the dissemination of proven and promising public health findings, innovations, and practices with editorial content respected for its integrity and relevance to chronic disease prevention.

PCD Staff

Archa Amin

Student Intern
Health Communications

Brandi Baker, MBA

Production Coordinator
Contractor, Idoneous Consulting

Kim Bright, PMP

Information Technology
Project Manager
Contractor, CyberData Technologies

Kate Harris, BA

Technical Editor
Contractor, Idoneous Consulting

Leonard Jack, Jr, PhD, MSc

Editor in Chief

Ivory M. Jones, MS

Editorial Assistant
Contractor, Idoneous Consulting

Shawn Jones

Software Engineer
Contractor, CyberData Technologies

Camille Martin, RD, LD

Senior Technical Editor

Susan McKeen, BA

Senior Software Engineer
Contractor, CyberData Technologies

Lesli Mitchell, MA

Managing Editor

Melissa Newton, BS, CCPH

Marketing and
Communications
Specialist
Contractor, Idoneous Consulting

Rosemarie Perrin

Technical Writer-Editor
Contractor, Idoneous Consulting

Sasha Ruiz, BBA

Health Communications
Specialist

Robin Sloan, MA

Technical Editor
Contractor, Idoneous Consulting

Martin Steib

Multimedia Specialist
Contractor, CyberData Technologies

Ellen Taratus, MS

Senior Technical Editor
Contractor, Idoneous Consulting

Caran Wilbanks, BA

Lead Technical Writer-
Editor



Associate Editors

Arsham Alamian, PhD, MSc, FACE

Associate Dean for Health Studies
Associate Professor
University of Miami
School of Nursing and Health Studies
Coral Gables, Florida

Semra Aytur, PhD, MPH

Associate Professor
Department of Health Management and Policy
University of Miami
University of New Hampshire
Durham, New Hampshire

Ronny A. Bell, PhD, MS

Professor, Department of Social Sciences and Health Policy
Wake Forest School of Medicine
Director, Office of Cancer Health Equity
Wake Forest Health Comprehensive Cancer Center
Winston-Salem, North Carolina

Erin Bouldin, PhD, MPH

Assistant Professor
Department of Health and Exercise Science
Beaver College of Health Sciences
Appalachian State University
Boone, North Carolina

Tammy Calise, DrPH

Director, John Snow, Inc. Healthy Communities
Boston, Massachusetts

Vinay Cheruvu, PhD

Associate Professor of Biostatistics
Division of Biostatistics, Environmental Health Sciences, and Epidemiology
College of Public Health, Kent State University
Kent, Ohio

Pyone Cho, MD, MPH

Epidemiologist
Division of Diabetes Translation
National Center for Chronic Disease Prevention and Health Promotion
Centers for Disease Control and Prevention
Atlanta, Georgia

Sarah Conderino, MPH

Data Scientist
Department of Population Health
NYU Grossman School of Medicine
New York, New York

Patricia Da Rosa, DDS, MPH, MSc

Research Associate/Public Health & Health Outcomes Data Analyst
Population Health Evaluation Center
Office of Nursing Research
South Dakota State University
Brookings, South Dakota

Julia Dilley, PhD, MES

Senior Research Scientist/Epidemiologist
Multnomah County Health Department and Oregon Public Health Division
Portland, Oregon

Z. Tuba Suzer Gurtekin, PhD, MS, MBA

Assistant Research Scientist
University of Michigan Institute for Social Research
Ann Arbor, Michigan

Jeanette Gustat, PhD, MPH

Associate Professor
Department of Epidemiology, Tulane Prevention Research Center
School of Public Health and Tropical Medicine
Tulane University
New Orleans, Louisiana

Daikwon Han, PhD

Associate Professor
Department of Epidemiology and Biostatistics
Texas A&M University
College Station, Texas

Nikki A. Hawkins, PhD

Lead Health Scientist
Office on Smoking and Health
National Center for Chronic Disease Prevention and Health Promotion
Centers for Disease Control and Prevention
Atlanta, Georgia

Linda D. Highfield, PhD, MS

Associate Professor of Community Health
Practice & Epidemiology
UTHealth School of Public Health
Associate Professor of Internal Medicine
UTHealth McGovern Medical School
Houston, Texas

Elizabeth Winter Holt, PhD, MPH

Assistant Professor
Department of Health Sciences
Furman University
Greenville, South Carolina

Brittney Keller-Hamilton, MPH, PhD

Program Manager
Division of Epidemiology
College of Public Health
The Ohio State University
Columbus, Ohio

Robert Krikorian, PhD

Professor, Department of Psychiatry &
Behavioral Neuroscience
Director, Cognitive Aging Program
University of Cincinnati Academic Health
Center
Cincinnati, Ohio

Bian Liu, PhD, MS

Assistant Professor
Department of Population Health Science
and Policy
Institute for Translational Epidemiology
Department of Environmental Medicine and
Public Health
Icahn School of Medicine at Mount Sinai
New York, New York

Zhen-qiang Ma, MD, MPH, MS

Division director
Division of Community Epidemiology
Bureau of Epidemiology
Pennsylvania Department of Health
Harrisburg, Pennsylvania
Adjunct assistant professor
Graduate School of Public Health
University of Pittsburgh
Pittsburgh, Pennsylvania

Sarah L. Martin, PhD, MS

Adjunct Faculty University of Maine
Department of Community Health
Education
Farmington, Maine

Kevin Matthews, PhD, MS

Health Geographer
National Center for Chronic Disease
Prevention and Health Promotion
Centers for Disease Control and Prevention
Atlanta, Georgia

Katerina Maximova, PhD

Murphy Family Foundation Chair in Early
Life Interventions
Scientist, MAP Centre for Urban Health
Solutions at St. Michael's Hospital
Associate Professor
Dalla Lana School of Public Health
University of Toronto
Toronto, Ontario, Canada

Jane A. McElroy, PhD

Associate Professor
University of Missouri, Family and
Community Medicine Department
Columbia, Missouri

Jeremy Mennis, PhD, MS

Professor
Department of Geography and Urban
Studies
Temple University
Philadelphia, Pennsylvania

Michael J. Parks, PhD

Research Associate, Institute for
Translational Research in Children's Mental
Health, University of Minnesota
Senior Research Scientist, Health Promotion
and Chronic Disease Division, Minnesota
Department of Health
Minneapolis, Minnesota

Anna Porter, PhD, MPH

Consultant, Ramboll
Raleigh, North Carolina

Austin Porter III, DrPH, MPH

Deputy Chief Science Officer, Arkansas
Department of Health
Assistant Professor, Health Policy and
Management
Fay W. Boozman College of Public Health
University of Arkansas for Medical Sciences
Little Rock, Arkansas

Terrinieka Williams Powell, PhD

Associate Professor
Department of Population, Family &
Reproductive Health
Johns Hopkins University Bloomberg School of
Public Health
Baltimore, Maryland

Irene Prabhu Das, PhD, MPH

Health Scientist Administrator
Division of Scientific Programs
All of Us Research Program
Office of the Director
National Institutes of Health
Rockville, Maryland

Jessica M. Robbins, PhD

Public Health Epidemiologist/IRB
Administrator
Philadelphia Department of Public Health
Philadelphia, Pennsylvania

Daniel Sarpong, PhD

Director, Center for Minority Health Disparities
Research & Education (CMHDRE)
Endowed Chair of Health Disparities
Professor of Biostatistics, College of Pharmacy
Xavier University
New Orleans, Louisiana

Deborah Salvo, PhD

Assistant Professor of Public Health
George Warren Brown School
Washington University in St. Louis
St. Louis, Missouri

Charlotte D. Smith, PhD

UC Berkeley School of Public Health
Environmental Health Sciences
Berkeley, California

Sergey Sotnikov, PhD

Economist
Performance Development, Evaluation, and
Training Branch
Division of Performance Improvement and

Field Services

Center for State, Tribal, Local, and Territorial
Support
Centers for Disease Control and Prevention
Atlanta, Georgia

Mikiko Terashima, PhD, MSc

School of Planning
Healthy Populations Institute
Department of Community Health and
Epidemiology
Dalhousie University
Halifax, Nova Scotia, Canada

Tung-Sung Tseng, PhD, MPH

Associate Professor
Behavioral and Community Health Sciences
Department
School of Public Health
Louisiana State University Health Sciences
Center
New Orleans, Louisiana

Camille Vaughan, MD, MS

Associate Section Chief for Research in
Geriatrics and Gerontology
Emory School of Medicine
Atlanta, Georgia

Trang VoPham, PhD, MS, MPH

Epidemiology Program
Division of Public Health Sciences
Fred Hutchinson Cancer Research Center
Seattle, Washington

Yan Wang, PhD

Epidemiologist
Division of Population Health
National Center for Chronic Disease
Prevention and Health Promotion
Centers for Disease Control and Prevention
Atlanta, Georgia

Korede Yusuf, MBBS, MPH, PhD

Assistant Professor
Adelphi University College of Nursing and
Public Health
Garden City, New York

Janice C. Zgibor, RPh, PhD, CPH, FACE

Associate Dean for Academic Affairs
Director of the DrPH Program
Professor of Epidemiology
College of Public Health
University of South Florida

EDITORIAL BOARD

Sergio Aguilar-Gaxiola, MD, PhD

Professor of Clinical Internal Medicine
School of Medicine, University of California,
Davis
Sacramento, California

Collins O. Airhihenbuwa, PhD, MPH

Professor
Health Policy and Behavioral Sciences
Global Research Against
Noncommunicable Diseases (GRAND)
Georgia State School of Public Health
Atlanta, Georgia

Philip M. Alberti, PhD

Senior Director, Health Equity Research and
Policy
Association of American Medical Colleges
Washington, DC

Zachary Brian, DMD, MHA

Director
North Carolina Oral Health Collaborative
Cary, North Carolina

Pamela L. Carter-Nolan, PhD, MPH

Director, Master of Public Health Program
Howard University Graduate School
Washington, DC

Oliver Ezechi, MD, MPH, MSc, PhD

Director of Research
Nigerian Institute of Medical Research
Lagos, Nigeria

Tiana Garrett-Cherry, PhD, MPH

Consultant and Owner
Indices Consulting
Alexandria, Virginia

Jeffrey E. Hall, PhD, MA, MSPH, CPH

Deputy Director, Office of Minority Health
and Health Equity and Chief of the Minority
Health and Health Equity Team
Office of Minority Health & Health Equity
Centers for Disease Control & Prevention
Atlanta, Georgia

Vida Henderson, PhD, PharmD, MPH, MFA

Director, Community Engagement and
Health Equity Office, University of Illinois
Cancer Center
Research Assistant Professor, University of
Illinois School of Public Health
Chicago, Illinois

Kathleen Hoke, JD

Professor, University of Maryland Carey
School of Law
Director, Network for Public Health Law–
Eastern Region
Director, Legal Resource Center for Public
Health Policy
Baltimore, Maryland

Sara L. Huston, PhD

Lead Chronic Disease Epidemiologist
Maine Center for Disease Control and
Prevention
Augusta, Maine

Udhayashankar Kanagasabai, MD, MPH, MSc

Health Scientist, Gender and Youth Team
Division of Global HIV and Tuberculosis
Centers for Disease Control and Prevention
Atlanta, Georgia

Rachel Kaufman, PhD, MPH

Associate Director for Science
National Center for Chronic Disease
Prevention and Health Promotion
Centers for Disease Control and Prevention
Atlanta, Georgia

Lloyd Michener, MD

Professor, Department of Family Medicine
& Community Health, Duke School of
Medicine
Clinical Professor, Duke School of Nursing
Adjunct Professor, Public Health
Leadership, UNC Gillings School of Global
Public Health

Christine Riedy Murphy, PhD, MPH

Delta Dental Associate Professor and Chair
Department of Oral Health Policy and
Epidemiology
Harvard School of Dental Medicine
Boston, Massachusetts

Shamarial Roberson, DrPH, MPH

President of Indelible Business Solutions
Health and Human Services
Consultant and Owner of DSR Consulting
and Management, LLC
Tallahassee, Florida

Magaly Rodriguez de Bittner, PharmD

Professor and Associate Dean for Clinical
Services and Practice Transformation
Department of Pharmacy Practice and
Science
University of Maryland School of Pharmacy
Baltimore, Maryland

Gia Rutledge, MPH

Lead Health Scientist, Division of Diabetes
Translation
National Center for Chronic Disease
Prevention and Health Promotion
Centers for Disease Control and Prevention
Atlanta, Georgia

Victor D. Sutton, PhD, MPPA

Director for the Office of Preventive Health
and Health Equity
Mississippi State Department of Health
Ridgeland, Mississippi

Susan Swider, PhD, PHNA-BC, FAAN

Professor, Department of Community,
Systems and Mental Health Nursing
Rush University
Chicago, Illinois

Vetta Sanders Thompson, PhD

E. Desmond Lee Professor of Racial and
Ethnic Studies
George Warren Brown School of Social Work
Washington University in St. Louis
St. Louis, Missouri

Raegan Tuff, PhD, MPH

Public Health Analyst
Office of Informatics and Information
Resources Management
National Center for Chronic Disease
Prevention and Health Promotion, Office of
the Director
Centers for Disease Control and Prevention
Atlanta, Georgia

Matthew Valliere, MPA

Chief Executive Officer
CareSouth Medical & Dental
Baton Rouge, Louisiana



STATISTICS REVIEW COMMITTEE

Laurie K. Barker, MPH

Health Statistician
Division of Viral Hepatitis
National Center for HIV/AIDS, Viral
Hepatitis, STD, and TB Prevention
Centers for Disease Control and
Prevention
Atlanta, Georgia

Vinay Cheruvu, PhD

Associate Professor of Biostatistics
Division of Biostatistics, Environmental
Health Sciences, and Epidemiology
College of Public Health
Kent State University
Kent, Ohio

B. Rey de Castro, ScD

Mathematical Statistician
Quantitative Sciences & Data
Management Branch
Division of Tuberculosis Elimination
National Center for HIV/AIDS, Viral
Hepatitis, STD, and TB Prevention
Centers for Disease Control and
Prevention
Atlanta, Georgia

Jenine K. Harris, PhD

Associate Professor
George Warren Brown School of Social
Work
Washington University in St Louis
St Louis, Missouri

Tao He, PhD

Assistant Professor
Department of Mathematics
San Francisco State University
San Francisco, California

Yi-An Ko, PhD

Assistant Research Professor
Department of Biostatistics and
Bioinformatics
Rollins School of Public Health
Lead Biostatistician
Division of Cardiology
School of Medicine
Emory University
Atlanta, Georgia

Rui Li, PhD, MM, BM

Senior/Lead Economist
Office of the Director
Division of Reproductive Health
National Center for Chronic Disease Prevention
and Health Promotion
Centers for Disease Control and Prevention
Atlanta, Georgia

Zhen-qiang Ma, MD, MPH, MS

Division Director
Division of Community Epidemiology
Bureau of Epidemiology
Pennsylvania Department of Health
Harrisburg, Pennsylvania

Adjunct Assistant Professor
Graduate School of Public Health
University of Pittsburgh
Pittsburgh, Pennsylvania

Shelley H. Liu, PhD

Assistant Professor
Department of Population Health Sciences
and Policy
Icahn School of Medicine at Mount Sinai
New York, New York

Lazarous Mbulo, PhD

Health Scientist
Office on Smoking and Health
National Center for Chronic Disease Prevention
and Health Promotion
Centers for Disease Control and Prevention
Atlanta, Georgia

Michael J. Monsour, PhD

Women's Health and Fertility Branch
Division of Reproductive Health
National Center for Chronic Disease Prevention
and Health Promotion
Centers for Disease Control and Prevention
Atlanta, Georgia

Brian H. Nathanson, PhD

Chief Executive Officer
OptiStatim, LLC
Longmeadow, Massachusetts
Enteric Diseases Epidemiology Branch
Division of Foodborne, Waterborne, and
Environmental Diseases
National Center for Emerging and Zoonotic
Infectious Diseases
Centers for Disease Control and Prevention
Atlanta, Georgia

James S. Parrott, PhD

Director
Methodology and Statistics Support Team
School of Health Professions
Rutgers University
Piscataway, New Jersey

LaTonia Richardson, PhD, MS

Statistician
Analytics Team
Enteric Diseases Epidemiology Branch
Division of Foodborne, Waterborne, and
Environmental Diseases
National Center for Emerging and Zoonotic
Infectious Diseases
Centers for Disease Control and Prevention
Atlanta, Georgia

Daniel Sarpong, PhD

Director, Center for Minority Health Disparities
Research and Education
Endowed Chair of Health Disparities
Professor of Biostatistics
College of Pharmacy
Xavier University
New Orleans, Louisiana

Sanjay Shete, PhD

Betty B. Marcus Chair in Cancer Prevention
The University of Texas MD Anderson Cancer
Center
Department of Biostatistics
Houston, Texas

Kate M. Shaw, PhD

Health Scientist
Office of the Associate Director for Science
National Center for Injury Prevention and
Control
Centers for Disease Control and Prevention
Atlanta, Georgia

Ruben A. Smith, PhD, MS

Senior Statistician
Women's Health and Fertility Branch
Division of Reproductive Health
National Center for Chronic Disease
Prevention and Health Promotion
Centers for Disease Control and Prevention
Atlanta, Georgia

Tyler C. Smith, PhD

Chair and Professor
Department of Community Health
School of Health and Human Services
National University
San Diego, California

Carmen D. Tekwe, PhD

Associate Professor of Biostatistics
Department of Epidemiology and
Biostatistics
School of Public Health
Indiana University – Bloomington
Bloomington, Indiana

Machell Town, PhD

Branch Chief
Population Health Surveillance Branch
Division of Population Health
National Center for Chronic Disease
Prevention and Health Promotion
Centers for Disease Control and Prevention
Atlanta, Georgia

Ming Wang, PhD

Associate Professor
Division of Biostatistics and Bioinformatics
Department of Public Health Sciences
College of Medicine
Pennsylvania State University
Hershey, Pennsylvania

Ying Zhang, MD, MS, PHD

Associate Professor of Biostatistics
Director, Center for American Indian
Health Research
Department of of Biostatistics and
Epidemiology
Hudson College of Public Health
The University of Oklahoma Health
Sciences Center
Oklahoma City, Oklahoma



PCD
PREVENTING
CHRONIC DISEASE

Leonard Jack, Jr, PhD, MSc
Editor in Chief
Preventing Chronic Disease
(404) 645-3355
pcdeditor@cdc.gov

4770 Buford Highway, NE
Mailstop F-80
Atlanta, GA, 30341-3717
www.cdc.gov/pcd