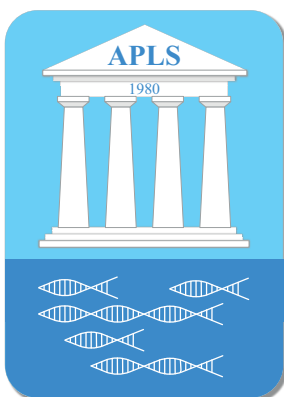
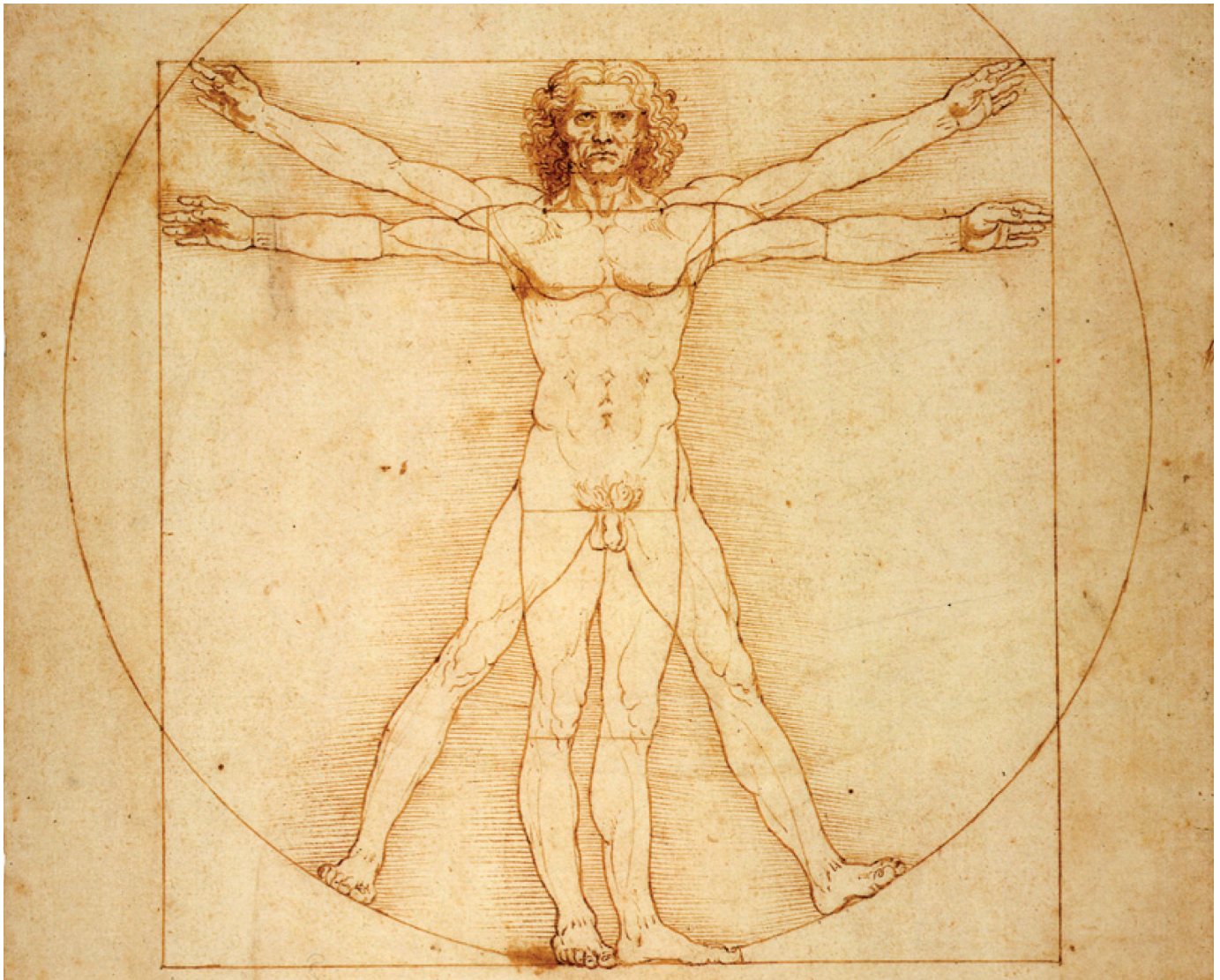


POLITICS AND THE LIFE SCIENCES

VOL. 36, No. 2

WWW.CAMBRIDGE.ORG/PLS

FALL 2017



THE ASSOCIATION FOR
POLITICS AND THE LIFE SCIENCES

WWW.APLSNET.ORG

CAMBRIDGE
UNIVERSITY PRESS

POLITICS AND THE LIFE SCIENCES

A JOURNAL OF POLITICAL BEHAVIOR, ETHICS, AND POLICY

Editors, Advisors, and Officers

Co-Chief Editors

Margaret E. Kosal, Ph.D.
Sam Nunn School of International Affairs
Georgia Institute of Technology

Tony E. Wohlers, Ph.D.
Behavioral and Social Sciences Division
Harford Community College

Associate Editors

Delia Dumitrescu
School of Politics, Philosophy,
Language and Communication Studies
University of East Anglia

Amy Fletcher
School of Political Science and
International Relations
University of Canterbury,
New Zealand

Rebecca Harris
School of Commerce,
Economics and Politics
Washington and Lee University

Book Reviews Editor

Jordan Mansell, M.A.
Department of Politics and
International Relations
University of Oxford

Former Editors-in-Chief

Erik P. Bucy, Ph.D.
College of Media and Communication
Texas Tech University
2008–2017

Robert Hunt Sprinkle, M.D., Ph.D.
School of Public Policy
University of Maryland
2001–2008, 2015–2016 (Acting Editor)

Gary R. Johnson, Ph.D.
Department of Political Science
Lake Superior State University
1991–2001

Thomas C. Wiegele, Ph.D.
Department of Political Science
Northern Illinois University
1981–1991

On the cover

The Vitruvian Man, a renowned drawing by Leonardo da Vinci dating from the late 1480s, illustrates the Renaissance artist's keen interest in proportion and attempts to relate man to nature — the latter theme resurgent in efforts to study the body's increasingly recognized role in political life. This special issue on The Body in Politics embodies this very sentiment. Da Vinci's drawing is based on the correlations of ideal human proportions with geometry described by the ancient Roman architect Vitruvius in Book III of his treatise *De Architectura*. The proportional relationship of the body's various parts is thought to reflect universal design, representing a "medical equilibrium" of elements that ensures a stable biological structure. Source: Wikipedia (http://ascensionglossary.com/index.php/File:600px-Da_Vinci_Vitruve_Luc_Viatour.jpg). Reprinted as a public domain image.

Editorial Advisory Board

Michael Bang Petersen, Ph.D.
Aarhus University, Denmark

Laura Betzig, Ph.D.
Whitmore Lake, Michigan

Brian B. Boutwell, Ph.D.
Saint Louis University

William P. Brandon, Ph.D., M.P.H.
University of North Carolina, Charlotte

Dominique Brossard, Ph.D.
University of Wisconsin, Madison

Malcom Dando, Ph.D.
University of Bradford

Dorothy J. Dankel, Ph.D.
University of Bergen

Chris Dawes, Ph.D.
New York University

Sophal Ear, Ph.D.
Occidental College

Peter Emanuel, Ph.D.
U.S. Army Research Development
Engineering Command,
Aberdeen Proving Ground

Maryanne Fisher, Ph.D.
Saint Mary's University

Robert E. Gilbert, Ph.D.
Northeastern University

John Hibbing, Ph.D.
University of Nebraska

John G. Horgan, Ph.D.
Georgia State University

Kevin D. Hunt, Ph.D.
Indiana University

Jo Husbands, Ph.D.
U.S. National Academy of Sciences

Sverker Jagers, Ph.D.
University of Gothenburg

Rebecca Katz, Ph.D.
Georgetown University

Casey Klofstad, Ph.D.
University of Miami

Daniel J. Kruger, Ph.D.
University of Michigan

Yanna Krupnikov, Ph.D.
Stony Brook University

Kobi Leins, J.D.
University of Melbourne

Aaron D. Levine, Ph.D.
Georgia Institute of Technology

Roger D. Masters, Ph.D.
Dartmouth College

Glenn McGee, Ph.D.
Albany Medical College

Janna Merrick, Ph.D.
University of South Florida

Thomas H. Murray, Ph.D.
The Hastings Center

Steven A. Peterson, Ph.D.
Pennsylvania State University, Harrisburg

Malcolm Potts, M.B., B.Chir., Ph.D.
University of California, Berkeley

Thomas H. Preston, Ph.D.
Washington State University

Julie Seaman, J.D.
Emory University

Bradley A. Thayer, Ph.D.
Tallinn University

Mark van Vugt, Ph.D.
VU University Amsterdam

Kathleen M. Vogel, Ph.D.
North Carolina State University

Susan Wright, Ph.D.
University of California, Santa Cruz

Executive Directors of the Association for Politics and the Life Sciences

Gregg R. Murray, Ph.D.
Augusta University, 2013–

David B. Goetze, Ph.D.
Utah State University, 2002–2010

Gary R. Johnson, Ph.D.
Lake Superior State University, 1996–2001

James N. Schubert, Ph.D.
Northern Illinois University, 1991–1996

Thomas C. Wiegele, Ph.D.
Northern Illinois University, 1981–1991

The Council of the Association for Politics and the Life Sciences

Erik P. Bucy, Ph.D.
Texas Tech University

Eileen Burgin, Ph.D.
University of Vermont

Margaret E. Kosal, Ph.D.
ex officio
Georgia Institute of Technology

Christopher Larimer, Ph.D.
University of Northern Iowa

Laurette Liesen, Ph.D.
Lewis University, *Vice Chair*

Gregg R. Murray, Ph.D.
Augusta University

Steven A. Peterson, Ph.D.
Pennsylvania State University, Harrisburg

Brian R. Spisak, Ph.D.
VU University Amsterdam

Patrick Stewart, Ph.D.
University of Arkansas, *Chair*

Bradley A. Thayer, Ph.D.
Tallinn University

Tony E. Wohlers, Ph.D.
ex officio
Harford Community College

Welcome to *PLS* ii

RESEARCH ARTICLES

Special issue introduction

The body in politics – emotional, perceptual, and visceral dimensions
Erik P. Bucy and Delia Dumitrescu 1

Effects of physical attractiveness on political beliefs
Rolfe Daus Peterson and Carl L. Palmer 3

Effects of disease salience and xenophobia on support for humanitarian aid
Johnathan C. Peterson, Frank J. Gonzalez and Stephen P. Schneider 17

The biological roots of political extremism
Negativity bias, political ideology, and preferences for political news
Justin Robert Keene, Heather Shoenberger, Collin K. Berke and Paul D. Bolls 37

Conservatism and liberalism predict performance in two nonideological
cognitive tasks
Rodolpho Talaisys Bernabel and Amâncio Oliveira 49

Perceptions of political leaders
*Demonstrating the effect of evolved psychological mechanisms on partisan
identification using perceptions of political leaders*
J. David Schmitz and Gregg R. Murray 60

Displays of emotion and citizen support for Merkel and Gysi
How emotional contagion affects evaluations of leadership
Oscar W. Gabriel and Lena Masch 80

Speaking through the body
Do people associate the body movements of politicians with their speech?
Markus Koppensteiner and Greg Siegle 104

PERSPECTIVE

Neuropolitics: Twenty years later
Darren Schreiber 114

© Association for Politics and the Life Sciences, 2017

Welcome to *PLS*

POLITICS AND THE LIFE SCIENCES is an interdisciplinary peer-reviewed journal with a global audience. *PLS* is owned by the ASSOCIATION FOR POLITICS AND THE LIFE SCIENCES, the APLS (www.aplsnet.org), which is both an American Political Science Association (APSA) Related Group and an American Institute of Biological Sciences (AIBS) Member Society. *PLS* has been published by Cambridge University Press since Spring 2016.

PLS publishes original scholarly research at the intersection of politics and the life sciences. The topic range includes evolutionary and laboratory insights into political behavior, from decision-making to leadership, cooperation, and competition; evolutionary analysis of political intolerance and violence, from group conflict to warfare, terrorism, and torture; political and political-economic analysis of life-sciences research, health policy, agricultural and environmental policy, and biosecurity policy; philosophical analysis of bioethical controversies; and historical analysis of currently misunderstood issues within the range described above. Contributors include political scientists, political psychologists, life scientists, clinicians, health-policy scholars, bioethicists, biosecurity and international-security experts, environmental scientists

and ecological economists, moral and evolutionary philosophers, political and environmental historians, communications and public-opinion researchers, and legal scholars.

PLS is printed, mailed, and posted online (www.cambridge.org/pls) twice annually, in the spring and fall, by Cambridge University Press. Papers succeeding in peer review, once emerging from revision and prepress routines, may be published online-before-print for access by subscribers, requesting journalists, and, in featured instances, the public.

PLS is indexed comprehensively in full text, from its first to its latest issue, on Cambridge Core (www.cambridge.org/pls). *PLS* is indexed comprehensively from March 2004, issue 23(1), at BioOne.2 (www.bioone.org). All titles and abstracts are indexed in MEDLINE at PubMed (www.pubmed.gov). Back issues are archived in full text at JSTOR (www.jstor.org). *PLS* is also included in Academic Search Alumni Edition, Academic Search Premier, Academic Search Product Family, International Political Science Abstracts, Psychology & Behavioral Sciences Collection, and Social Sciences Abstracts — all aggregated for institutions by EBSCOhost[®], a commercial service.