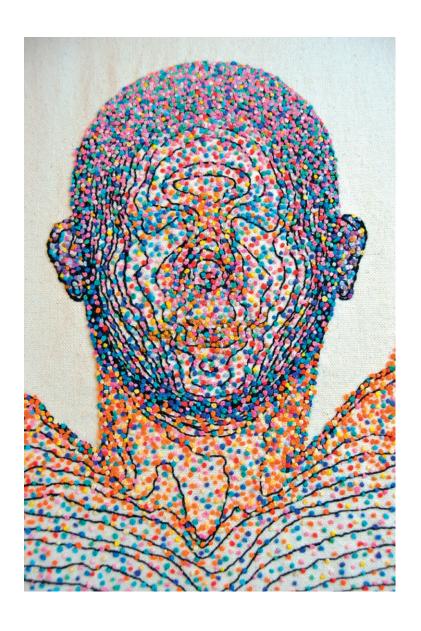
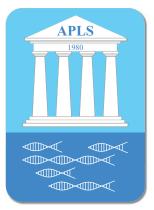
POLITICS AND THE LIFE SCIENCES

Vol. 38, No. 2 WWW.CAMBRIDGE.ORG/PLS Fall 2019





THE ASSOCIATION FOR POLITICS AND THE LIFE SCIENCES

WWW.APLSNET.ORG

CAMBRIDGEUNIVERSITY 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 L. Fletcher

School of Political Science and International Relations

University of Canterbury,

New Zealand

Book Reviews Editor Jordan Mansell, D.Phil

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

Human microbial ecosystem, artistic representation. Credit: Rebecca D Harris. CC BY.

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, Vice Chair

Casey A. Klofstad, Ph.D.

University of Miami

Margaret E. Kosal, Ph.D.

ex officio

Georgia Institute of Technology

Christopher Larimer, Ph.D. University of Northern Iowa, Secretary

Laurette Liesen, Ph.D.

Lewis University

Jordan Mansell, D.Phil.

University of Quebec at Montreal

Gregg R. Murray, Ph.D.

Augusta University

Brian R. Spisak, Ph.D.

VU University Amsterdam

Patrick Stewart, Ph.D.

University of Arkansas, *Chair* Tony E. Wohlers, Ph.D.

ex officio

Harford Community College

Inside this issue

$\underset{\mathrm{Vol.\ 38,\ No.\ 2}}{\mathbf{Politics}} \ \mathbf{AND} \ \ \mathbf{THE} \ \ Life} \ \ \underset{\mathrm{Fall\ 2019}}{\mathbf{Ciences}}$

Welcome to PLS	ii
ARTICLES	
Biological approaches to public administration and public policy Introduction Christopher W. Larimer and Steven A. Peterson	113
Policies as species Viewing and classifying policy from an evolutionary biology perspective Samantha L. Mosier	117
Doped and disclosed Anatomopolitics, biopower, and sovereignty in the Russian sports industry Andrey Makarychev and Sergey Medvedev	132
Securing Social Security Solvency Addressing an important social determinant of the health of seniors and the American polity William P. Brandon and Zachary Mohr	144
Darwin's bureaucrat Reassessing the microfoundations of bureaucracy scholarship Kevin B. Smith and Jayme L. N. Renfro	168
Torturing science Science, interrogational torture, and public policy Shane O'Mara and John Schiemann	180
The role of conspiracy mentality in denial of science and susceptibility to viral decept about science Asheley R. Landrum and Alex Olshansky	tion 193
The ecology of empire The dynamics of strategic differentiation-integration in two competing Western European biocultural groups Aurelio José Figueredo, Mateo Peñaherrera-Aguirre, Heitor Barcellos Ferreira Fernandes, Sara Lindsey Lomayesva, Michael Anthony Woodley of Menie, Steven Charles Hertler and Matthew Alexandar Sarraf	210
Book Reviews	
Robin Dunbar, <i>Human Evolution: Our Brains and Behavior</i> Reviewed by Arran J. Davis	226
Ronald Giphart and Mark van Vugt, <i>Mismatch: How Our Stone Age Brain Deceives L Every Day and What We Can Do about It</i> Reviewed by Gregg R. Murray	<i>Is</i> 229
Cass R. Sunstein, On Freedom Provioused by Populd F. White	222

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.