

Highlights of  
Smith Faculty  
Scholarship  
Academic Year  
2014-15



SMITH COLLEGE



Smith faculty are dedicated teacher-scholars. Student learning is at the center of their work, fully integrated with a commitment to advance knowledge in their fields of expertise. Whether publishing in refereed journals, winning grants and awards, or offering expert commentary in the media, Smith faculty are leading in diverse arenas of the arts, humanities, sciences, social sciences, and many emerging and interdisciplinary fields.



These gleanings tell the story of Smith's thriving faculty research culture in 2014-15.

284 SCHOLARSHIP & CREATIVE WORKS

Peer-reviewed, refereed, and juried scholarly and creative works

23% STUDENT CO-AUTHORS

Faculty refereed work with student co-authors

723 WHO'S LISTENING

Smith faculty mentions in media in 2015, including: *New York Times*; *China Review*; *International Business Times*; *PBS NewsHour*; *The Atlantic*; *Chronicle of Higher Education*; *PRI Marketplace*; *Washington Post*; *Los Angeles Times*; *Chicago Tribune*

9.2M FUNDING

New commitments from corporate, foundation, and government sponsors to support faculty research and curricular programming and initiatives

#2 Smith's rank within the Oberlin group in NSF dollars '05-'14

# Scholarship and Creative Works Highlights, 2014-15

**CHRIS AIKEN** and **ANGIE HAUSER**, Department of Dance

Choreography and Performance, *Three*

Bates Dance Festival

**CHRIS AIKEN**, Department of Dance

Choreography and Performance, *Moving in the Moment*

Bates Dance Festival

**ANNA BOTTA**, Department of Italian Language and Literature

"Calvino and the Ali Baba Project (1968-1972): For an Archeology of the Literary"

Keynote address, Panel organized by Department of Romance

Language and the Program in Comparative Literature, Hunter College

**GINETTA E. B. CANDELARIO**, Department of Sociology

"Bricolage Vershethen: Making Artful Use of Multiple Methods in Researching Latinas"

Keynote address, Cesar E. Chavez 3rd Undergraduate Research

Symposium in Latino Studies, Indiana University-Bloomington

**LINDSEY CLARK-RYAN**, Department of Art

Exhibitor, *Intelligent Objects: Empathetic and Smart Art*

Creative Arts Workshop, New Haven, CT

**LINDSEY CLARK-RYAN**, Department of Art

Exhibitor, *Sphere of Existence*

James Ford Bell Library, University of Minnesota, St. Paul, MN

SGC International Conference, Knoxville, TN

**ROSETTA MARANTZ COHEN**, Department of Education and Child Study

Keynote address, "A Day in May." Center for Excellence in Learning, Teaching, Scholarship, and Service (CELTSS) at Framingham State University in

Framingham, Massachusetts

**JOHN H. DAVIS**, Department of Art

*A Companion to American Art*. Oxford: Wiley-Blackwell.

Co-edited with Jennifer A. Greenhill and Jason D. LaFountain

**PATRICIA DIBARTOLO**, Department of Psychology

"Building diversity in science, technology, engineering, and math"

Keynote address, Pioneer Valley STEM Network Forum meeting

**GARY NEIL FELDER**, Department of Physics

*Mathematical Methods in Engineering and Physics*. John Wiley & Sons.

Co-authored with Kenny Felder

**RANDY O. FROST**, Department of Psychology  
"Ownership Gone Awry: Hoarding Disorder"  
Keynote address, Connecticut State Hoarding Task Force

**RANDY O. FROST**, Department of Psychology  
"Hoarding Disorder and Community Response"  
Keynote address, Western Mass Elder Services Conference

**JAY LAZAR GARFIELD**, Department of Philosophy  
*Engaging Buddhism: Why Does Buddhism Matter to Philosophy.*  
Oxford University Press.

**JENNIFER GUGLIELMO**, Department of History  
"Writing History for a World in Crisis: The Radical Possibilities of  
a Transnational Lens"  
Keynote address, Eleventh Annual Graduate Student History Conference  
UMass-Amherst

**BARBARA A. KELLUM**, Department of Art  
"Winning Hearts & Minds: Augustan Visual Strategies"  
Keynote address, International Augustus from a Distance Conference  
University of Sydney, Australia

**DANIEL ELIHU KRAMER**, Department of Theatre  
Director, *The Amish Project*  
Chester Theatre Company

**DANIEL ELIHU KRAMER**, Department of Theatre  
Director, *Recently, Long Ago*  
Premiered at Palm Springs International Short Film Festival

**MALCOLM KENNETH MCNEE**, Department of Spanish and Portuguese  
*The Environmental Imaginary in Brazilian Poetry and Art.* New York:  
Palgrave Macmillan.

**JOSEPH MCVEIGH**, Department of German Studies  
*Ingeborg Bachmanns Wien 1946-1953.* Berlin: Suhrkamp.

**CAROLINE M. MELLY**, Department of Anthropology  
"Dakar Unsettled"  
Keynote address, Migration and Homes Workshop  
University College London

**RICHARD H. MILLINGTON**, Department of English Language and Literature  
*Willa Cather and the Nineteenth Century (Cather Studies 10).*  
University of Nebraska Press.  
Co-edited with Anne L. Kaufman

**STEVE MICHAEL WAKSMAN**, Department of Music

"Guitar Studies: Some Thoughts About a Field That Doesn't Really Exist (Yet)"

Keynote address, Conference on the Electric Guitar and Popular  
Culture, Bowling Green State University

**CAROL ZALESKI**, Department of Religion

*The Fellowship: The Literary Lives of the Inklings: J. R. R. Tolkien,  
C.S. Lewis, Owen Barfield, and Charles Williams.*

Farrar, Straus and Giroux.

Co-authored with Philip Zaleski

## Grants and Awards Highlights, 2014-15

**BENJAMIN J. BAUMER**, Program in Statistical and Data Sciences

Tesla K40 GPU Hardware Grant, NVidia Corporation

\$5,500

**BENJAMIN J. BAUMER**, Program in Statistical and Data Sciences

Project MOSAIC

\$2,500

**LINDSEY CLARK-RYAN**, Department of Art

Ayatana Artistic Research Program Geophilia Residency

**NATHAN D. DERR** and **STYLIANOS P. SCORDILIS**, Department of Biological Sciences

MRI: Acquisition of TIRF Microscope

National Science Foundation

\$553,646

**PATRICIA DIBARTOLO** and **BENITA JACKSON**, Department of Psychology

Engaging women of color psychology majors in quantitative racial/ethnic minority  
health disparities research

American Psychological Association

Co-investigators with Kristine Molina, University of Illinois at

Chicago, and Stacie Hagenbaugh, Director of Career Development

\$3,877

**KIM YI DIONNE**, Department of Government

RAPID: Collaborative Research: Tracking and explaining Americans' response  
to the Ebola outbreak

National Science Foundation

\$25,000

**GLENN ELLIS, Picker Engineering Program**

2016 Robert Foster Cherry Award for Great Teaching, Semi-Finalist  
Baylor University  
**\$1,000**

**JAY LAZAR GARFIELD, Department of Philosophy**

Bringing a Classical Debate into Modernity: Dakstang's 18 Great Contradictions  
Singapore Ministry of Education Tier 2  
**\$766,000**

**SERGEY GLEBOV, Department of History**

Education Across Cultural Boundaries in a Globalized World  
U.S. Department of State  
**\$2,500**

**RUTH HAAS, Department of Mathematics and Statistics**

2015 M. Gweneth Humphreys Award for Mentorship of Undergraduate  
Women in Mathematics  
Association for Women in Mathematics

**DANIELLE IGNACE, Department of Biological Sciences**

2015 Career Enhancement Fellowship for Junior Faculty  
Woodrow Wilson National Fellowship Foundation  
**\$30,000**

**SAMUEL M. INTRATOR, Department of Education and Child Study**

Funds used to support the Smith College Urban Educational  
Initiative and Project Coach programming  
New North Citizen's Council–Bay State  
**\$75,000**

**SAMUEL M. INTRATOR, Department of Education and Child Study**

Funds used to support efforts for youth leadership of young  
woman in Springfield through Project Coach programming  
Kate Risley Foundation  
**\$4,950**

**SAMUEL M. INTRATOR, Department of Education and Child Study**

Funds used to support Project Coach programming  
Global Sports Foundation  
**\$5,000**

**BENITA JACKSON, Department of Psychology**

Strengthening and Diversifying Women's Voices in the College Classroom:  
A mixed methods approach  
Consortium on High Achievement and Success  
**\$6,500**

**ANNE JASKOT, Department of Astronomy**

Green Pea Galaxies: Extreme. Optically-Thin Starbursts?

National Aeronautics and Space Administration

**\$82,905**

**LAURA A. KATZ, Department of Biological Sciences**

Evolution of germline/soma distinctions across the eukaryotic tree of life

National Institute of Health

**\$262,133**

**LAURA A. KATZ, Department of Biological Sciences**

Collaborative research: Patterns of diversity in planktonic ciliates: spatio-temporal scales and community assembly in the coastal ocean

National Science Foundation

**\$472,730**

**SULEIMAN ALI MOURAD, Department of Religion**

Experienced Researcher Fellowship

Alexander von Humboldt Foundation

**\$10,000**

**CHRISTEN MUCHER, Program in American Studies**

Support for book manuscript, *Before American History: Print Frontiers, American Antiquities, and Native Pasts, 1792-1848*

National Endowment for the Humanities and the American Antiquarian Society

**\$16,800**

**CHRISTEN MUCHER, Program in American Studies**

Support for book manuscript, *Before American History: Print Frontiers, American Antiquities, and Native Pasts, 1792-1848*

The Newberry Library

**\$25,200**

**RICHARD F. OLIVO, Department of Biological Sciences**

Award for Education in Neuroscience

Society for Neuroscience

**MARSHA PRUETT, School for Social Work**

Supporting Father Involvement–Children’s Trust Program

State of Massachusetts

**\$14,560**

**ERIC REEVES, Department of English Language and Literature**

Sudan Research and Analysis

Humanity United

**\$20,000**



**ANDY N. ROTMAN**, Department of Religion

Branding the Indian Bazaar: Marketing, Religion, and the Making of a Moral Economy  
American Institute of Indian Studies

\$10,000

**KEVIN SHEA**, Department of Chemistry

Division of Organic Chemistry SURF Fellowship "Synthesis of Neuroleptin Derivatives"  
American Chemical Society

\$5,000

**CATHERINE H. SMITH**, Department of Theatre, and **ELISA LANZI**, Neilson Library

Digital Humanities Award

Artstor

**DOMINIQUE F. THIÉBAUT**, Department of Computer Science

Google Computer Science Engagement Small Grant

Tides Foundation

\$5,000

**LESTER TOMÉ**, Department of Dance

Support for book manuscript *Cuban Ballet: Cosmopolitan Dancers, Nationalist Gestures* (working title)

National Endowment for the Humanities

\$52,000

**JULIANNA TYMOCZKO**, Department of Mathematics and Statistics

Combinatorial algebraic geometry: Modern Schubert calculus and generalized splines

National Science Foundation

\$130,000

**STEVE MICHAEL WAKSMAN**, Department of Music

Support for research, "Live Music in America: A History, 1850-2000."

Center for Popular Music Studies, Case Western Reserve University

\$2,000

**STEVEN A. WILLIAMS**, Department of Biological Sciences

Filling the Gaps: Operational Research to Ensure Success of NTD Control  
and Elimination

Bill and Melinda Gates Foundation

\$1,328,538

**WILLIAM WILLIAMS**, Department of Physics

MRI: Acquisition of a frequency quadrupled titanium sapphire laser

National Science Foundation

\$271,000

**CAROL ZALESKI**, Department of Religion

Support for research, *The Fellowship*, with co-author Philip Zaleski

The Clyde S. Kilby Research Grant, The Marion E. Wade Center, Wheaton, Illinois

\$1,000

## Institutional Grants and Gifts Highlights, 2014-15

### ART MENTOR FOUNDATION LUCERNE

Museum of Art  
\$15,570

### BRANTA FOUNDATION

Design Thinking and Innovation  
Office of the Provost and Dean  
of the Faculty and Picker  
Engineering Program  
\$2,500,000

### THE BROWN FOUNDATION, INC.

Museum of Art  
\$200,000

### COVIDIEN, LC

Design of a Reusable Clip Applier  
Attachment for the Lapro-Clip™  
Design Clinic, Picker Engineering  
Program

### DRESSER RAND COMPANY

Design of a Waste Heat Recovery  
System for Olean Operations  
Design Clinic, Picker Engineering  
Program

### EVOQUA WATER TECHNOLOGIES

Design and Development of a  
Low-cost, User-Serviceable  
Closing Mechanism for an  
Electrochemical Cell  
Design Clinic, Picker Engineering  
Program  
\$15,000

### EXELON CORPORATION

Achieving Excellence in Mathematics,  
Engineering and Sciences  
Office of the Provost and  
Dean of the Faculty  
\$25,000

### INSTITUTE OF MUSEUM AND LIBRARY SERVICES

Museums for America—Painting  
and Sculpture Conservation  
Museum of Art  
\$21,445

### INTERNATIONAL FINE PRINT DEALERS ASSOCIATION

Lang Collection Intern  
Museum of Art  
\$2,500

### JEANANN GRAY DUNLAP FOUNDATION

“More Clearly in Dreams” Dance  
Department project  
Office of the Provost and Dean  
of the Faculty  
\$10,000

### MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

Data Sciences  
Office of the Provost and  
Dean of the Faculty  
\$800,000

**MS. FOUNDATION**

Activists Gathering: Steinem  
Program for Social Change  
Center for Community  
Collaborations  
\$10,000

**THE NATIONAL ACADEMIES  
OF SCIENCES**

Blakeslee 2015  
Department of Biological Sciences  
\$95,185

**NEW ENGLAND CAMPUS  
SUSTAINABILITY FORUM**

2015 New England Campus  
Sustainability Forum Mini Grants  
Center for the Environment, Ecological  
Design and Sustainability  
\$2,000

**NOVO FOUNDATION**

Activists Gathering: Steinem  
Program for Social Change  
Center for Community  
Collaborations  
\$25,000

**THE POSSE FOUNDATION, INC.**

STEM Posse  
Office of Admission  
\$100,000

**SILICON VALLEY BANK**

Business Skills and Entrepreneurship  
Career Development Office  
\$20,000

**STATE OF MASSACHUSETTS**

Museum of Art  
\$11,300

**SUMITOMO FOUNDATION**

Conservation of Sesshu Scroll  
Museum of Art  
\$22,400

**USDA - NATURAL RESOURCES  
CONSERVATION SERVICES**

Rehabilitation Design for Tyler Dam  
in Marlborough, MA  
Design Clinic, Picker Engineering  
Program  
\$10,000

**U.S. DEPARTMENT OF STATE**

Tolerance and Conflict Resolution  
in Uganda and Rwanda  
School for Social Work  
\$394,600

**THE WILLIAM RANDOLPH HEARST  
FOUNDATIONS**

Achieving Excellence in Mathematics,  
Engineering and Sciences  
Office of the Provost and Dean  
of the Faculty  
\$100,000



Office of the Provost/Dean of the Faculty

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*Gathered and presented by:*

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