

Editor-in-Chief

James T. LaPlant, Dean of Humanities and Social Sciences
Valdosta State University
jlaplant@valdosta.edu

Issue Editors

Lisa Gates, Associate Dean for Fellowships and Research
Middlebury College
lgates@middlebury.edu

Rebecca M. Jones, Department of Chemistry
George Mason University
rjones22@gmu.edu

Feature Editors

Book Review

Nicholas J. Rowland, Div of Education, Human Development, and Social Sciences
Penn State Altoona
njr12@psu.edu

International Perspectives

Rachel Spronken Smith, Graduate Research School
University of Otago
rachel.spronken-smith@otago.ac.nz

Helen Walkington, Department of Social Sciences
Oxford Brookes University
hwalkington@brookes.ac.uk

Divisional Editors

Arts and Humanities

Michelle Hayford, Department of Theatre
University of Dayton
mhayford1@udayton.edu

At-Large

Anna Carlin, FGCU Library
Florida Gulf Coast University
acarlin@fgcu.edu

Biology

Kristin Picardo, Biology Department
St. John Fisher College
kpicardo@sjfc.edu

Chemistry

Patricia Mabrouk, College of Science
Northeastern University
p.mabrouk@northeastern.edu

Education

Kymerly Harris, Department of Teaching and Learning
Georgia Southern University
kharris@georgiasouthern.edu

Engineering

Aaron R. Sakulich, Civil and Environmental Engineering
Worcester Polytechnic Institute
arsakulich@wpi.edu

Geosciences

Daniel J. Brabander, Department of Geosciences
Wellesley College
dbraband@wellesley.edu

Health Sciences

Niharika Nath, Life Sciences Department
New York Institute of Technology-Old Westbury
nnath@nyit.edu

Mathematics and Computer Sciences

Andrea Tartaro, Department of Computer Science
Furman University
andrea.tartaro@furman.edu

Physics and Astronomy

Hasitha Mahabaduge, Department of Chemistry, Physics and Astronomy
Georgia College & State University
hasitha.mahabaduge@gcsu.edu

Psychology

Scott Bates, Department of Psychology
Utah State University
scott.bates@usu.edu

Social Sciences

Shauna Reilly, Department of Political Science, Criminal Justice, and Organizational Leadership
Northern Kentucky University
reillys3@nku.edu

Undergraduate Research Programs Division

Dana Jackson-Hardwick, Assistant Director, Office of High-Impact Practices
University of Central Oklahoma
djackson20@uco.edu

Technical Editor

Elizabeth Foxwell
Council on Undergraduate Research

Copyeditor

Deborah Lapp, Union, ME

Publisher

Council on Undergraduate Research
Lindsay Currie, Executive Officer
734 15th Street NW, Suite 850
Washington, DC 20005-1043
Tel: 202-783-4810; Fax: 202-783-4811
www.cur.org

Design

Afra Bahavar
Seattle, WA
bahavar.afracreative.com

Production and Mailing

Sheridan Press
Hanover, PA
www.sheridan.com

Scholarship and Practice of Undergraduate Research (SPUR) is published in the fall, winter, spring, and summer by the Council on Undergraduate Research.

The mission of the Council on Undergraduate Research is to support and promote high-quality undergraduate student-faculty collaborative research and scholarship.

SPUR publishes scholarly work that examines effective practices and novel approaches, explores pedagogical models, and highlights the results of assessment of undergraduate research. As a peer-reviewed publication of the Council on Undergraduate Research, the journal provides useful and inspiring information that increases our understanding of undergraduate student-faculty engagement in research, scholarship, and creative work in all disciplines and at all types of higher education institutions in the United States and abroad.

CUR Advertising Policy

The Council on Undergraduate Research accepts advertising from organizations and individuals if such ads are in line with CUR's tax-exempt educational purpose, which is to promote undergraduate research and education. We retain the right to refuse any advertising that we feel does not fall within our guidelines.

For more information, contact CUR at cur@cur.org or 202-783-4810.

Accessing SPUR

For CUR members, SPUR is delivered as a benefit of membership. For other individuals, the annual subscription rate is \$42. For libraries, the subscription rate is \$95 annually. SPUR also is available through EBSCOhost and ProQuest Education and is indexed in ERIC.

To search for articles, visit <https://bit.ly/SPUR-CURQSearch>

ISSN 2476-101X

Entire contents © 2020 Council on Undergraduate Research

Council on Undergraduate Research
734 15th Street NW, Suite 850
Washington, DC 20005-1043