

Resources

Services of the Proposal Development Office:

CAS Proposal Development provides support for faculty pursuing grant funding. We assist in identifying funding sources; developing, preparing and submitting grant proposals to a wide variety of funders, both internal and external; and connecting faculty with campus resources such as Sponsored Research and Corporate and Foundation Relations.

New Funding Opportunities:

[Website: SU Office of Research](#)

Limited Submission Competitions:

National Endowment for the Humanities (NEH) Summer Stipends

Internal Deadline: 8/17/2020

[SU Application Portal](#)

Upcoming Events:

CAREER Applicants Office

Hours:

Every Wed. 11am-1pm through 8/5/20

[Zoom Link](#)

Important News:

[NIH-wide Strategic Plan for COVID-19 Research](#)

Syracuse University

College of Arts & Sciences

College of Arts and Sciences Office of Research Newsletter Summer 2020

While this spring and summer have certainly been challenging, the College of Arts and Sciences faculty have much to celebrate! We hope you enjoy this second issue of the College of Arts and Sciences Office of Research Newsletter as we recognize faculty who have received grants and awards in the previous months. Please also see the sidebar for upcoming opportunities and events. As always, let us know if you have contributions and suggestions for future issues.

Congratulations!

Grants and Awards Announced 3/1/20 – 6/30/20

To ensure that all awards from 7/1/19 – 6/30/20 have been announced, FY '20 awards not noted in the Spring newsletter are included here.

Is your grant or fellowship missing? Let us know and we will include it next time.

African American Studies

James Gordon Williams, *JV Educational Leadership Award*, JV Educational Consultants.

Art & Music Histories

Glenn Peers, *Clark Art Institute Fellowship*, The Clark, Williamstown, MA.

Biology

Sandra Hewett [Landis Award for Outstanding Mentorship](#), National Institute of Neurological Disorders and Stroke (NINDS), NIH.

George Langford, *Zeiss LSM 980 with Airyscan2 Microscope and Fast Mode for Live Cell and Enhanced Resolution Imaging*, National Institutes of Health/DHHS.

Chemistry

Carlos Castaneda, Heidi Hehny (Bio), *The Role and Mechanisms of UBQLN2-mediated Phase Transitions in the Assembly and Disassembly of Biomolecular Condensates*, National Institute of General Medical Sciences/NIH/DHHS.

Timothy Korter, *Hitachi High-Tech Corporation Research Agreement*, Hitachi High-Tech Corporation.

Michael Sponsler, *REU Site: Undergraduate Research in Chemistry at Syracuse University*, National Science Foundation.

Trainings/Webinars:

Getting Started in Scopus
[Thursday, July 23rd, 3-4pm](#)

**Uncovering Insights
with Scopus – Advanced Search
and Analysis**
[Friday, July 24th, 11am-12pm](#)

An Introduction to Mendeley
[Thursday, July 30th, 3-4pm](#)
or
[Friday, July 31st, 11am-12pm](#)

**AAAS Research
Competitiveness Program
Webinars – [Upcoming and
Archived](#) Topics include:**

- Peer Review
- Program Evaluation
- Paper Authorship
- Rebooting Research Program

**Looking for Grants?
Be sure to subscribe!**

[American Council on Learned
Societies \(ACLS\)](#)

[NIH Weekly Funding
Opportunities and Notices](#)

[NIH Extramural News](#)

[National Endowment for the
Humanities News \(NEH\)](#)

[NSF Update](#)

[Grants.gov](#) (NEH, NSF, NIH, DOD,
DOE, ED, NASA, NOAA, etc.)

[Philanthropy News Digest](#)
(Foundation RFPs)

Communication Sciences & Disorders

Kathy Vander Werff, Kenneth Morse, *Tinnitus and Decreased Subcortical and Cortical Inhibition*, American Academy of Audiology/American Academy of Audiology Foundation.

Earth Sciences

Christa Kelleher, *Where does the water go? Improving understanding of stream-aquifer-atmosphere interactions around Beaver Dam Analogues*: Collaborative Research, National Science Foundation.

Christopher Scholz, Robert Moucha, James Muirhead, *The RhINO Project: Rift-Climatic-Earth Surface Interactions: Rift Basin Stratigraphy and Implications for Global Exploration*, Chevron Energy Technology Company.

English

Stephanie Shirilan, *Huntington Library Short-term Research Fellowship*, Huntington Library.

Scott Stevens, *Fulbright – U.S. Scholar Program*, U.S. Department of Education.

Humanities Faculty

Gregg Lambert, *International Scholar*, Kyung Hee University, South Korea.

Languages, Literatures, and Linguistics

Tej K. Bhatia, Corrine Zoli (Law), and Robert Rubinstein (Anthropology), *The Intelligence Community Centers for Academic Excellence (ICCAE)*, Quanterion Solutions Incorporated - Department of Defense.

Erika Haber, *Fulbright-Hays Group Project Abroad Grant*, U.S. Department of Education.

Mathematics

Tadeusz Iwaniec, *Variational Approach to Geometric Function Theorem, Nonlinear PDEs, and Hyperelasticity*, National Science Foundation.

Lee Kennard, *Connected Isotropy Groups in the Grove Symmetry Program*, National Science Foundation.

Philosophy

David Sobel, *Laurance S. Rockefeller Visiting Faculty Fellow*, Princeton University Center for Human Values.

Janice Dowell, *Laurance S. Rockefeller Visiting Faculty Fellow*, Princeton University Center for Human Values.

Physics

Duncan Brown, WoU-MMA: Exploring the Universe with Gravitational Waves, National Science Foundation.

Christian Santangelo, *EFRI C3 SoRo: 3-D surface control for object manipulation with stretchable materials*, National Science Foundation.

Lisa Manning, *Predicting Dynamics in Unstable and Active Solids*, National Science Foundation.

Liviu Movileanu, *Engineered Nanopores for Single-Molecule Stochastic Sensing: Equipment Supplement*, National Institutes of Health/DHHS.

Alison Patteson, Jennifer Schwarz, *What is the Role Of Extracellular Vimentin in SARS2 Host Cell Entry?: RAPID*, National Science Foundation.

Jennifer Ross, *Enzyme-Powered, Programmable Active Matter: Collaborative Research*, National Science Foundation.

Psychology

Aesoon Park, **Patricia Alice Goodhines**, *Cannabis Sleep Aid Use in Daily College Life: An Intensive Longitudinal Assessment Approach*, National Institute on Drug Abuse/NIH/DHHS.

Religion

Virginia Burrus, *Clark Art Institute Fellowship*, The Clark, Williamstown, MA.

Virginia Burrus, *CAARI Fellowship*, Cyprus American Archaeological Research Institute (CAARI), Nicosia, Cyprus.

Virginia Burrus, Borsch-Rast Book Prize.

Women's and Gender Studies

Dana Olwan, *Mellon Emerging Faculty Leaders Award*, Woodrow Wilson National Fellowship Foundation.

Writing Studies, Rhetoric & Composition

Genevieve García de Müller, *American Publication Grant*, American Association of University Women (AAUW).

Krista Kennedy, *NEH Visiting Professor of Writing and Rhetoric*, Colgate University (2020-2021).

Brice Nordquist, *CNY Action Grant*, Humanities New York.

The College of Arts and Sciences would also like to recognize the following faculty, who were recently awarded internal fellowships:

Verena Erlenbusch-Anderson (Philosophy), Will Scheibel (English), and James W. Watts (Religion) received [Humanities Center Faculty Fellowships](#).

The College of Arts and Sciences would also like to recognize a number of our faculty involved in collaborative research through the Central New York Humanities Corridor (CNY Corridor). You may read more about the working groups & organizers through the CNY Corridor website [here](#).

Please join us in congratulating CAS faculty recently awarded 2020 Collaboration for Unprecedented Success and Excellence (CUSE) Grants:

Good to Great Grant:

Jessica MacDonald (PI, Biology), Intersection of genetics, epigenetics, and maternal nutrition in control of neocortical development

Jay Hubisz (PI, Physics), Bridging Quantum Algorithms: From HEP Theory to Quantum Simulation

Innovative and Interdisciplinary Research Grant:

Loredana Lanzani (PI, Mathematics), New directions in Applied Complex Analysis: theory, computations, and applications to Fluid Dynamics and beyond

Jennifer Ross (PI, Physics) and Heidi Hehnl (Co-PI, Biology), Taking Syracuse University to the Next Level with Advanced Microscopy

Romita Ray (PI, Art & Music Histories), Leafy Wonders: Art, Aesthetics, and the Science of Tea in Colonial and Modern India

Michael Kalish (Co-PI, Psychology), Adaptation and Optimization for Locomotion: Exoskeletons and Walking Robots

Yasir Ahmed-Braimah (PI, Biology), Inference of gene regulatory networks using dense time-course mRNA sequencing and evolutionary algorithms

Christopher Hanson (Co-I, English), Kairos: One Square Mile prototype survey

Jeffrey Karson (PI, Earth Sciences), Pilot Investigation of the Viscosity, Dynamics and Morphology of Ferrovolcanism Through Large-Scale Experiments

Linda Ivany (PI, Earth Sciences), Tripti Bhattacharya (Co-I, Earth Sciences), The Epeiric Sea Effect Exploring the Potential for First-Order Bias in Earth's Deep History of Climate and Life

Louis J. Lamit (Co-PI, Biology), Quantifying the storage and wildlife exposure of mercury in tropical peat forests

Aesoon Park (Co-PI, Psychology), Tracking Unverified Health Advice in Science Communication

Donna Korol (Co-I, Biology), Intergenerational Transmission of Cognitive Impairment in Later Life

Duncan Brown (PI, Physics) Towards a Data Innovation Institute at Syracuse University

Beth Prieve (PI, Communication Sciences & Disorders), Natalie Russo (Co-I, Psychology), and Stephanie McMillen (Co-I, Communication Sciences and Disorders) Predictive Validity of Auditory Responses, Bayley III and MBCDI at 3 and 5 Years of Age in Preterm Infants

Innovative and Interdisciplinary Research Grant (Cont.):

Arindam Chakraborty (PI, Chemistry), Nanonets from neural nets: Machine-learning driven discovery of 3D-printed metallic nanoparticles using synergistic computational and experimental collaboration

Melissa Chipman (PI, Earth Sciences) and Christopher Scholz (Co-PI, Earth Sciences), Integration of seismic profiling and lake-sediment archives to constrain the depositional history of climate driven abrupt permafrost thaw

Davoud Mozhdehi (Co-PI, Chemistry), Creating a BioFiber for the Textile and Fashion Industries

Interdisciplinary Seminar Grant:

Liviu Movileau (Co-PI, Physics), Interdisciplinary Biomaterial Seminar Series

Seed Grant:

Weiwei Zheng (PI, Chemistry), Exploring the Photochemical Properties of Doped Nanomaterials for Green Energy Harvesting

Lixin Shen (PI, Mathematics), Structured Sparsity Promoting Functions for Network Functional Compression

Krista Kennedy (PI, Writing Studies, Rhetoric and Composition), Disability, Data, and Surveillance

Amada Brown (PI, Languages, Literature & Linguistics), Multicompetence and its Applications

Samuel Johnson, (PI, Art & Music Histories), Digital Forensics of "Paper Architecture": A Case Study

Jay Thomas (PI, Earth Sciences), Experimental evaluation of stress relaxation on the quartz-in-garnet thermobarometer

Paul Fitzgerald (PI, Earth Sciences), Upgrade of the fission-track stage system

Stephanie Shirilan (PI, English), Towards a History of the Breath and Respiratory Medicine in Early Modern England

Other News:

The A&S Office of Research is working on an inventory of all major and shared equipment in the college. Please be sure to let us know if you purchase new major equipment for your lab, even if it is not shared. When complete, this list will be made available.

Do you have an exceptional colleague who deserves recognition for their research accomplishments? Contact our office and we will help you identify appropriate awards. We can also assist you in preparing nominations.

What else would you like to see highlighted in this newsletter? Please let us know!

For more information or assistance, please contact the CAS Office of Research:

[Alan Middleton](#) (420-2539), Associate Dean of Research and Scholarship

[Melissa Whipps](#) (558-9318), Director of Proposal Development (Science and Mathematics)

[Sarah Workman](#) (513-256-8612), Assistant Director of Proposal Development (Humanities)