



Healthy Communities



Healthy People



Healthy Environment

College of Arts & Sciences

Research & Scholarship Highlights



HEALTHY COMMUNITIES

Individual human health can only be achieved and sustained in the context of communities that value and support healthy behaviors and practices. CAS researchers seek to identify the elements of civil society that promote safety, security, social justice, and wellbeing.



Research and Scholarship Highlights

COLLEGE OF ARTS AND SCIENCES

[Tara Deubel](#), Assistant Professor, Department of Anthropology. Award Period: 2017-2018. “Saving for Change in Mali: from women’s financial inclusion to public engagement,” Oxfam America; \$31,867.

[Nancy Marie White](#), Professor, Department of Anthropology. Award Period: 2017-2018. “Apalachicola Valley Archeology: Survey and Synthesis,” Florida Department of State; \$47,633.

[Jennifer Lewis](#), Professor and Graduate Director, Department of Chemistry. Award Period: 2017-2019. “Student Engagement in a Community-Based, Blended Learning Environment: Perspective from a Minority Serving Institution,” Spelman College via NSF; \$119,566.

[Jennifer Lewis](#), Professor and Graduate Director, Department of Chemistry. Award Period: 2017-2020. “[Collaborative Research: Mapping Change in Higher Education-Social Networks and STEM Reforms](#),” NSF; \$188,445.

[Scott Lewis](#), Associate Professor, Department of Chemistry. Award Period: 2018-2021. “[Collaborative Research: Longitudinal Impact of PLTL on Student and Peer Leader Retention of General Chemistry Concepts and Attitudes Toward Chemistry](#),” NSF; \$63,892.

[Jeffrey Raker](#), Assistant Professor, Department of Chemistry. Award Period: 2017-2020. “[Collaborative Research: Evaluating the Uptake of Research-Based Instructional Strategies in Undergraduate Chemistry, Mathematics, & Physics](#),” NSF; \$66,009.

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Jeffrey Raker, Assistant Professor, Department of Chemistry. Award Period: 2017-2022. "Collaborative Research: Improving Inorganic Chemistry Education Through A Community-Developed Student-Centered Curriculum," NSF; \$57,772.

John Skvoretz, Professor, Department of Sociology. Award Period: 2018-2019. "Exploring Majority Illusion and Pluralistic Ignorance Within the Context of Eastern European Social Media," Office of Naval Research; \$197,622.

Ambar Basu, Associate Professor, Department of Communication. Award Period: 2017-2018. "Transgender Women, Sex Work, and Narratives on HIV and Health," Villanova University; \$9,000.

Steven Jones, DeBartolo Chair in Liberal Arts and Professor of Digital Humanities, Department of English. Award Period: 2017-2019. "Reconstructing the First Humanities Computing Center: Linking Digital Models and Archival Materials," NEH; \$58,704.

Elizabeth Kicak, Continuing Instructor, Department of English. Award Period: 2018-2019. "Frankenstein Turns 200," Florida Humanities Council; \$5,000.

Jean-Francois Biasse, Assistant Professor, Department of Mathematics & Statistics. Award Period: 2017-2020. "Tools for the Standardization of Post-Quantum Cryptography," National Institute of Standards and Technology; \$170,313.

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[Arthur Danielyan](#), Associate Professor, Department of Mathematics & Statistics. Award Period: 2017-2022. “Some Approximation Problems of Complex Analysis and Related Questions,” Simons Foundation; \$8,400.

[Dmitry Khavinson](#), Distinguished University Professor, Department of Mathematics & Statistics. Award Period: 2017-2022. “Problems in Complex Analysis and Applications,” Simons Foundation; \$8,400.

[Wen-Xiu Ma](#), Professor, Department of Mathematics & Statistics. Award Period: 2017-2018. “[Nonlinear and Modern Mathematical Physics](#),” NSF; \$29,838.

[Manoug Manougian](#), Professor and Director of STEM Education Center, Department of Mathematics & Statistics. Award Period: 2017 to 2018. “2017-2018 Hybrid Motor Rocket Competition - SOAR Get Hybrid and SOAR Raging Bull,” University of Central Florida; \$1,144.

[Brendan Nagle](#), Professor, Department of Mathematics & Statistics. Award Period: 2017-2020. “[Applications and Theory of the Algorithmic Hypergraph Regularity Method](#),” NSF; \$38,961.

[Dan Shen](#), Assistant Professor, Department of Mathematics & Statistics. Award Period: 2017-2022. “Dimension Reduction for Big Data Analysis,” Simons Foundation; \$8,400.

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[Alex Levine](#), Professor and Chair, Department of Philosophy. Award Period: 2017-2022. “The Community and Human Flourishing,” Yale University; \$2,500.

[Matthias Batzill](#), Professor, Department of Physics. Award Period: 2017-2020. “[Van der Waals Heteromaterials](#),” NSF; \$165,997.

[George Nolas](#), Distinguished University Professor, Department of Physics. Award Period: 2017-2018. “Thermoelectric Optimization of Low Thermal Conductivity Skutterudite and Chalcogenide Materials,” II-VI Foundation; \$93,400.

[Manh-Huong Phan](#), Associate Professor, Department of Physics. Award Period: 2017-2018. “Surface and Interface Effects of Magnetoimpedance Materials at High Frequency for Aerospace Applications,” University of Central Florida; \$4,900.

[Zhimin Shi](#), Assistant Professor, Department of Physics. Award Period: 2017-2021. “Characterization of Classical and Quantum Images Using Direct Measurement Methods,” University of Rochester; \$54,500.

[Jiangfeng Zhou](#), Assistant Professor, Department of Physics. Award Period: 2018-2018. “Nonlinear Plasmonic Metamaterials with Frequency Tunability at IR Regime,” Korean Research Institute of Standard and Science; \$46,811.

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[Tammy Allen](#), Professor, Department of Psychology. Award Period: 2017-2018. “An International Study of Work and Family: Beyond Work-Family Conflict,” Society for Industrial & Organizational Psychology; \$35,000.

[Jack Darkes](#), Director PSC, Department of Psychology. Award Period: 2017-2018. “Art2Action GA Support,” Art2 Action; \$18,362.

[Marc Karver](#), Associate Professor, Department of Psychology. Award Period: 2017-2018. “The Florida Implementation of National Strategy (FINS) For Suicide Prevention Project,” University of Central Florida; \$94,200.

[Geoffrey Potts](#), Associate Professor, Department of Psychology. Award Period: 2017-2018. “Society for Psychophysiological Research Training Fellowship Grant,” Society for Psychological Research; \$3,320.

[Elizabeth Schotter](#), Assistant Professor, Department of Psychology. Award Period: 2017-2019. “[Collaborative Research: Attention in Games and Decisions](#),” NSF; \$98,214.

[Edelyn Verona](#), Professor, Department of Psychology. Award Period: 2017-2019. “Transdiagnostic Processes in Emotional Aggression: Interplay of Negative Valence and Cognitive Systems,” National Institute of Health; \$393,429.

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[Edelyn Verona](#), Professor, Department of Psychology. Award Period: 2017-2018. “Linking Sleep and Aggression: The Role of Response Inhibition and Negative Emotional Processing,” Sigma Xi; \$990.00; “Clinical Psychology Ph.D. Program Student Support Grant,” Xcenda, LLC; \$40,033; “Program Evaluation of Community Intervention for Youth in Low Socioeconomic Communities of Tampa, FL Evaluation the G3 Be More Program,” The Society for the Psychological Study; \$2,500; “Linking Sleep and Aggression: The Role of Response Inhibition and Negative Emotional Processing,” Psi Chi; \$1,500.

[Mark Hafen](#), Senior Instructor, School of Public Affairs. Award Period: 2017-2018. “Hillsborough County City-County Planning Commission,” Hillsborough Co. City Co. Planning Community; \$10,000; “Hillsborough County MPO Fellowship,” Hillsborough County Metropolitan Planning; \$10,000.

[Randy Borum](#), Professor, School of Information. Award Period: 2017-2018. “Joint Appointment Agreement with Pacific Northwest National Labs,” Battelle Memorial Institute; \$75,000.

[Peter Funke](#), Associate Professor, School of Interdisciplinary Global Studies. Award Period: 2018-2019. “Creating Resilient Transatlantic Cultures and Communities in Florida,” Florida International University; \$5,784.

[Omotayo Jolaosho](#), Assistant Professor, School of Interdisciplinary Global Studies. Award Period: 2017-2018. “Freedom Songs and Public Memory,” Florida Education Fund, Inc.; \$15,000.

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[Elizabeth Aranda](#), Professor, Department of Sociology. Award Period: 2017-2019. "[Legal Status and the Social and Emotional Well-Being of Undocumented Young Adults](#)," NSF; \$190,394.

[Michelle Hughes Miller](#), Associate Professor, Department of Women's and Gender Studies. Award Period: 2017-2019. "EAGER: Collaborative Research: Exploring the Effects of Academic Climate and social Networks on the Persistence of Sexual and Gender Minority STEM Undergraduates," NSF; \$61,028.

[Jennifer Cazenave](#), Assistant Professor, Department of World Languages. Award Period: 2017-2018. "[An Archive of the Catastrophe: Recovering the Unused Footage of Shoah](#)," ACLS; \$40,000.

[Amanda Huensch](#), Assistant Professor, Department of World Languages. Award Period: 2018-2019. "A Longitudinal Investigation of the Intelligibility, Comprehensibility, and Accent of Beginning Learners of Spanish," Language Learning; \$9,994.

[Jason Nethercut](#), Assistant Professor, Department of World Languages. Award Period: 2017-2018. "Lucretius and Ennius' Annales: Revisionary Poetics," Loeb Classical Library Foundation; \$32,500.

[Nathan Johnson](#), Assistant Professor, Department of English. Published: 2017. "Infrastructural Methodology: A Case in Protein as Public Health." *Methodologies for the Rhetoric of Health and Medicine*, edited by Lisa Meloncon and J. Blake Scott, Routledge.

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[Robert Tykot](#), Professor, Department of Anthropology. Award Period: 2018-2019. “Exploring Variations in Diet and Health from Late Antiquity to the Early Medieval Period in the Veneto, Italy: A Biochemical Analysis,” Rust Family Foundation; \$6,360.

[Davide Tanasi](#), Assistant Professor, Department of History. Award Period: 2017-2018. “The Maltese Archipelago at the dawn of history. Excavations at Bahrija (1990 and 1959),” Shelby White and Leon Levy Program for Archeological Publications at the Harvard Semitic Museum; \$19,500.