Celebration of Faculty Scholarship 2018

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Celebration of Faculty Scholarship
Dear Colleagues,

I am delighted to introduce the 2018 Celebration of Faculty Scholarship. Ten years ago, this program began at Rollins to honor those members of our scholarly community who have researched and published peer-reviewed books, articles, creative works, and other academic endeavors in the previous calendar year. This year we also recognize faculty who have received external funding through their research and scholarship efforts in 2018.

Today is a celebration of 248 unique works by faculty members from all departments and schools across our campus -- a truly extraordinary group. Rollins, of course, prizes great teaching, but the best teachers are also active scholars and creators who routinely incorporate their academic production into their teaching practice. The faculty represented here add to our disciplinary knowledge, strengthen the academy, and support our vibrant community of learners.

Please join me in offering congratulations to our productive and impressive faculty colleagues who uphold the Rollins tradition of excellence!

With pride and best wishes,

Susan Singer, PhD
Vice President for Academic Affairs and Provost
External Funding Awards

Fonseca dos Santos, Samantha. *Electron-driven reactivity of NOx molecules by electron impact: the NO2/N2O prototype for control and reduction of atmospheric pollution*. Thomas Jefferson Fund, in partnership with the French Embassy in the U.S. and the FACE Foundation (French-American Cultural Exchange). $20,000.

As a part of the “Make Our Planet Great Again” program launched by the French government, Dr. Fonseca and her French collaborator aim to address issues of climate change with this project. Specifically, their aim is to understand the underlying mechanism behind the destruction of nitrogen oxide molecules by electron collision. The research team will investigate the process of rovibrational excitations and dissociative electron attachment of these molecules, which is important for monitoring these species in the atmosphere and plasma modeling. Funds will allow for student and faculty travel to France to conduct computational work aimed at describing these reactions at the quantum level.

Greenberg, Yudit K. *2018-19 Fulbright, U.S. Scholar Program*

Dr. Greenberg is one of the 800 U.S. faculty who have been awarded a Fulbright award in 2018. Receiving the Fulbright-Nehru U.S. Scholar Grant for research at the Somaiya Centre for Buddhist Studies at the University of Mumbai in India during the 2018-19 academic year, Dr. Greenberg will conduct research on Jewish actresses in the silent years of Bollywood and teach a graduate seminar on Religion and Gender. She will also present her past research on love and the body in comparative religion in a variety of venues across India including the University of Mumbai, University of Delhi, Cotton University, and as a scholar in residence in Uzbekistan.


Dr. Riley and colleagues from Washington and Lee University are working to test novel modules for a web-based tutoring prototype for undergraduate students taking introductory chemistry courses. Their overarching goal is to improve STEM persistence, particularly among low socioeconomic status and underrepresented minority students. The project aims to develop a more focused online tutorial system with short videos and practice problems alongside real-time feedback, which is tailored to better prepare students at ACS schools for entry-level chemistry coursework. The system will also allow individual institutions to tailor content based on requirements for individual courses.


Dr. Teymuroglu and colleagues from Spelman College and Morehouse are developing and leading a two-day symposium focused on integrating issues of fairness and equity into mathematics lessons and classroom discourses. The proposed symposium builds on a previously funded ACS workshop focused on social justice mathematics, in which participants create mathematics modules focused on social justice issues. The aim is to cultivate a community of practitioners who are committed to tackling social justice issues in their mathematics work and facilitate collaborative research among undergraduates between and across all three campuses.


Rachel Walton is serving as the campus lead on this Diversity and Inclusion Grant with other faculty and archival professionals at Centre College, Furman University, and Washington and Lee University. The ultimate goal of the grant is to build a comprehensive shared online digital archive relating to the history of desegregation at these historic southern colleges. After diving into their respective collections and integrating new sources into classroom curricula in 2018, the group has now received a second year of funding to focus on digitizing these materials for future dissemination on a shared digital hub.
Books


Yu, Jie. *The Taoist Pedagogy of Pathmarks: Critical Reflections Upon Heidegger*;


Edited Books


Strom, Claire, and Annabel Tudor, eds. *Using Diverse Primary Resources to Research US History: Essays from the*


Book Chapters


Strom, Claire. “All the News that’s Fit to Print? Understanding the Role of Newspapers in Historical Research.” In Using Diverse Primary Resources to Research US History: Essays from the Agricultural History Society, edited by Claire Strom and Annabel Tudor, 220-235. Mississippi State, MS: Agricultural History Society, 2018.


**Journal Articles**


Boles, Bill. “Theatricalizing the National Housing Crisis in Mike Bartlett’s Game and


**Chick, Nancy**, and Peter Felten. “Is SoTL a Signature Pedagogy of Educational Development?” *To Improve the Academy* 37, no.1 (January 2018): 4-16.


**Harris, Paul, and Zohaib Jessani.** “Personality, politics, and denial: Tolerance of ambiguity, political orientation and disbelief in climate change corresponding.”


Creative Works


Flick, Daniel. Viola. *Film Score for Pokemon Concert*. Orlando Philharmonic, Dr. Phillips Center, Orlando, FL.

Flick, Daniel. Viola Soloist and Section Viola. *Insights and Sounds, Mozart*. Bach Festival Society of Winter Park, Tiedtke Concert Hall, Rollins College, Winter Park, FL.


Flick, Daniel. Violinist. *Messiah*. Messiah Choral Society, Bob Carr Theater, Orlando,


Mohr, Caitlin. Solo Concert. *Love’s Fortune and Folly.* Davidson College Symphony Orchestra, Knobloch Campus Center, Davidson College, Davidson, NC. February 27, 2018.


Simmons, Rachel. Visiting Artist, University of Tampa. Printmaking Department, University of Tampa, Tampa, FL. October 2018.


Other Works


Montgomery, Susan. “Peru.” In Women’s