

Spring 2017 Awards

Art and Art History Department

Faculty Sponsor: Rosemary Jesionowski

Student: **Sarah Eells** – Society for Photographic Education conference

Student: **Heather Evans** – Society for Photographic Education conference

Faculty Sponsor: Marjorie Och

Student: **Madeline Quick** – Michelangelo Buonarroti and the concept of Genius

Biological Sciences Department

Faculty Sponsor: Lynn Lewis

Students: **Sofia Di Benigno** - Investigating the Anti-viral Effect of IL-1 Treatment on Newcastle Disease Virus Infection in Chicken Embryo Fibroblasts

Faculty Sponsor: Parrish Waters

Student: **Hannah Belski** – Neural and Hormonal Mechanisms of Social Behavior in Mice

Student: **Emily Ferguson**- Development of a novel operant behavior testing chamber using a touchscreen and an Arduino

Faculty Sponsor: Deborah Zies

Student: **Brandon Nolan**– Examining the Effects of Aldosterone on Kidney Gene Expression

Chemistry Department

Faculty Sponsor: Leanna Giancarlo

Students: **Mathew Tovar, Sarah Balenger, & Kristina Brown** - Electrochemical synthesis and optimization of magnetic nanoparticles to induce cell-specific apoptosis in metastatic glioblastoma

Computer Science Department

Faculty Sponsor: Jessica Self

Student: **Mikaela Goldrich** – Be the Data

Student: **Hannah Morgan** - Be the Data

Economics Department

Faculty Sponsor: Steve Greenlaw

Students: **Danielle Capra, Rob Wimberly, & Jordan Carrier** - Eastern Economic Association conference

Faculty Sponsor: Don Lee

Students: - Economic Scholars Program at the Federal Reserve Bank of Dallas

Earth & Environmental Science Department

Faculty Sponsor: Ben Kisila

Student: **Coalter Holberg** - The Impact of Sea Level Rise on Phosphorus Dynamics in Coastal and Upstream Wetlands in the Chesapeake Bay

Student: **Meghan King** - Application of Soil & Water Assessment Tool (SWAT) to Model the Impact of Progressive Land-use Changes on Sediment and Nutrient Fluxes in Rivanna River Basin, VA

Faculty Sponsor: Chuck Whipkey

Student: **Abby Friedman** - Presence of Residual Mercury from Amalgamation at Lake Anna State park

English, Linguistics & Communication Department

Faculty Sponsor: Elizabeth Johnson-Young

Student: **Alexander Clegg & John Guidon** - Religion in the Media in Georgia

Geography Department

Faculty Sponsor: Caitlin Finlayson

Student: **Christine Mackrell**- Global Trends of Feminism

History & American Studies Department

Faculty Sponsor: Nabil Al-Tikriti

Student: **Tyler Bugbee**- Local Politics in Iraq and Syria, 1919-1920 (INAF 491 course)

Modern Languages and Literature Department

Faculty Sponsor: Ana Chichester

Students: **Thallya Diaz & Riska Perez-Castiello** - MACLAS paper presentation

Music Department

Faculty Sponsor: Mark Snyder

Students: **Mya Payne, Austin O'Rourke, Danny Arslan, Arthur Dragone, Levi Manual, & Cole Masaitis**
- W. Virginia Society of Composers Student Regional Conference

Student: **Mya Payne** - National Student Electronic Music Event at Louisiana State University

Physics Department

Faculty Sponsor: Hai Nguyen

Student: **Zaire Sprowal** - "Investigation of Fractal Image Compression (FIC) and possible applications to Physical systems

Political Science and International Affairs Department

Faculty Sponsor: John Kramer

Student: **Christopher Crumplar** - Counter-insurgency in the Malayan Emergency, 1948-1960

Psychology Department

Faculty Sponsor: Steve Hampton

Students: **Lauren Bache, Kathryn Henderson, Kara Ness, & Katelyn Santrock** - Classifying Race-blended faces

Faculty Sponsor: Dave Kolar

Students: **25 Students** - Student presentations at the meetings of the VA Psychological Association

Faculty Sponsor: Jennifer Mailloux

Students: **Hannah Smith, Meghan Turney, & Jennaveve Yost** – Do Interceptive abilities, body esteem, self-objectification, and mindfulness predict cognitive distraction during sexual activity on women?

Faculty Sponsor: David Stahlman

Students: **Alexis Robinson, Alexander Ramos, Elizabeth Edelen, & Michelle Milligan** – Navigational Variability as a Function of Reinforcement Palatability in Small-N Design in Rats

Faculty Sponsor: Debra Steckler

Students: **Alix Cooper, Emily Stallings, Ellen Diakun, & Gregory Johnson** – Changes in Societal and Individual Optimism as a Result of the 2016 Presidential Election

Sociology & Anthropology Department

Faculty Sponsor: Eric Gable

Student: **Sarah Dickshinski** - Undergraduate Anthropology Honors Thesis

Theatre and Dance Department

Faculty Sponsor: Roxann Rowley

Student: **Taylor Shelton** – “Guilt & Greed”