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
- 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”