Poster Presentations

All poster presentations will be available for viewing from 8:30 a.m. to 3:30 p.m. on the 7th floor of the library. Student researchers will be available for discussion of their work in two sessions, as noted.

**Poster Session I: 9 a.m. – 11 a.m.**

**Poster #21** Patrick J. Arnold  
*History*  
“Comparative Political Culture and Election Outcomes in New Hampshire and Vermont, 1976-2000”  
Professor John W. Jeffries, Advisor

**Poster #41** Maurisa P. Blackman  
*Psychology*  
“Predicting Fruit and Vegetable Consumption in a Resident College Population”  
Professor Carlo DiClemente, Advisor

**Poster #20** Melissa P. Blackman  
*Biological Sciences*  
“Characterization of Human Cone Specific Arrestin Binding in the Deactivation of Phototransduction”  
Professor Phyllis Robinson, Advisor

**Poster #39** Robert W. Crow  
*Political Science*  
“Safe at Home: The Effects of Pearl Harbor and September 11 on Surveillance Policy in America”  
Professor Carol Barner-Barry, Advisor

**Poster #4** Hadi P. Gharabaghi  
*Visual Arts*  
*Undergraduate Research Award Scholar*  
“What’s My Friend’s House? Postmodernism, Immigration and Iranian Identity”  
Professor Preminda Jacob, Advisor

**Poster #30** Thomas Hsu  
*Biochemical Engineering*  
“Recombinant Membrane-Bound Receptors as Novel Biosensors”  
Professor Leah Tolosa, Advisor

**Poster #43** Elizabeth M. Humphries  
*Biological Sciences*  
*Undergraduate Research Award Scholar*  
“Shouldn’t Every Species Have Its Own DNA? Exploring DNA Sharing Using the White Goose Complex”  
Professor Kevin E. Omland, Advisor

**Poster #38** Kathleen B. Kaluhiokalani  
*Political Science*  
“Brown v. Board of Education: Was it Enough?”  
Professor Carol Barner-Barry, Advisor

**Poster #13** Erin Loeliger  
*Biochemistry and Molecular Biology*  
“Unusual Occurrences: Effect of HIV-1 Matrix Mutations on Myristate Exposure”  
Professor Michael Summers, Advisor

**Poster #12** Anne Logie  
*Biological Sciences*  
“A Preliminary Analysis of Feather Microbial Communities on New World Passerines”  
Professor Kevin Omland, Advisor

**Poster #8** Chad McCormick  
*Biochemistry and Molecular Biology*  
*Undergraduate Research Award Scholar*  
“Rapid Identification of HIV Drug-Resistant Strains by Electrospray Ionization Fourier Transform Mass Spectrometry (ESI-FTMS)”  
Professor Daniele Fabris, Faculty Advisor

**UMBC**

AN HONORS UNIVERSITY IN MARYLAND
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<td>“Role of Zebrafish N-Cahderin in Neurogenesis”</td>
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<td>Faith Perfecto</td>
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<td>Natalie Podrazik</td>
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<td>Professor Janice Zengel</td>
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<td>Aye T. Win</td>
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<td>Professor Richard Karpel</td>
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Poster Session II: 11 a.m. – 1 p.m.

Poster #34 Benjamin S. Alpert  Political Science
“The Case of Yaser Hamdi: Evaluating the Legal Status of U.S. Citizens Held as Enemy Combatants”
Professor Carol Barner-Barry, Advisor

Poster #15 Cindy R. Claros  Visual Arts
Undergraduate Research Award Scholar
“Identity Matters: Contemporary Mexican Art in the U.S. and Mexico”
Professor Preminda Jacob, Advisor

Poster #25 James E. Dorsey IV  Music
Undergraduate Research Award Scholar
“Exploring Social Issues Through Music: An Album”
Professor William Kemp, Advisor

Poster #36 Steven E. Ellis  Mathematics
Undergraduate Research Award Scholar
“Implementation of a Cutting Plane Algorithm for DC Optimization”
Professor Madhu Nayakkankuppam, Advisor

Poster #3 Corey A. Fleischer  Mechanical Engineering
Undergraduate Research Award Scholar
“Pin Reinforced Light Weight Sandwich Panels”
Professor Marc Zupan, Advisor

Poster #42 Kenneth D. Gibbs Jr.  Biological Sciences
Undergraduate Research Award Scholar
“Dendritic Cells Acquire Functional Peptide-MHC Complexes from Dead Tumor Cells”
Professor Suzanne Ostrand-Rosenberg, Advisor

Poster #2 Christina M. Humphries  Psychology
“The Effect of Flavor-Calorie Associations on Long-Term Food Intake in Rats”
Professor Zoe S. Warwick, Advisor

Poster #7 Laura E. Jones  Political Science/History
“The Czech and Slovak Republics: Political and Economic Effects of EU Membership”
Professor Cynthia Hody, Advisor
Professor Kathryn Brown, Advisor

Poster #22 Linda A. Jones  Psychology
“The Effect of Public Versus Private Setting During Invasive Medical Procedures on the Distress of Children with Cancer”
Professor Lynnda M. Dahlquist, Advisor

Poster #44 Isaac A. Kinde  Biological Sciences
Undergraduate Research Award Scholar
“Antiviral Inhibition of the HIV-1 Capsid Protein”
Professor Michael F. Summers, Advisor

Poster #5 Tyi L. McCray  Chemistry
Undergraduate Research Award Scholar
“Investigation of Epoxide Synthesis in Biphasic Reaction Conditions”
Professor Dale Whalen, Advisor

Poster #17 James G. McIlhargey  Physics
Undergraduate Research Award Scholar
“Reflection and Transmission of Light within a Rotating Frame”
Professor Morton H. Rubin, Advisor
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