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13th Annual Faculty Scholarship Celebration

Presentations and Exhibits Kreitzberg Library Multipurpose Room

Tuesday October 20

Noon – 12:30  "US Rebalanced to Asia and Its Implications for Peace/Reconciliation in East Asia"
- Presentation by Professor Yangmo Ku

12:30 – 1:00  "When a camera is more than just a camera: conducting scientific research with an inexpensive webcam"
- Presentation by Professor Arthur Vallone

Wednesday October 21

1:00 – 1:30  "Tangled Threads: How the American Revolution Warped Human Rights Policy for the 21st Century"
- Presentation by Professor Rowly Brucken

1:30 – 2:00  "Magmatism in Earth's Shallow Crust"
- Presentation by Professor David Westerman

Thursday October 22

11:00 – 11:30  "Developmental Regulation of Kv1.3 Channels in Neurons of the Avian Hypothalamus"
- Presentation by Professor Megan Doczi

11:30 – noon  Investigating the Environmental Controls on Water Chemistry and Sedimentation in Central Vermont Lakes
- Presentation by Professor Laurie Grigg

Noon – 12:30  "Sanctioning Modernism"
- Presentation by Professor Timothy Parker

4:00 – 4:30  "How Scholarly Prose Writes You"
- Presentation by Professor Eric Hayot

Books


Papers, Chapters, Short Stories


Doczi, M., Palmer, A., Vitzthum, C., 2015, Shaker Family voltage-gated Potassium Channel (Kv1) and Insulin Receptor (IR) expression in the embryonic avian hypothalamus. Endocrine Society Annual Meeting, THR-475.


McQuillan, D., 2015, Crossing Numbers of Complete Graphs. VII Crossing Number Workshop, Rio de Janeiro, Brazil, 10-11.


**Essays, Exhibits, Plays, Poems**


Ferreira, P., 2015, Telling the Bees, Shenandoah, 64(1).


Reviews, Notes, Entries

Brucken, R., 2015, Nation-building: A review of the historical literature. 17th International Conference on Sustainable Strategic Management (ICSSM), Prague, Czech Republic.


Editorship

David Westerman Associate Editor, Terra Nova

2015 Summer Undergraduate Research


Alex Breindel (Advisor: Darlene Olsen), Comparison of Gene Expression Between Microarray and RNA-seq Experiments on Mesothelioma.

Maggie Cross (Advisor: Michael Prairie), Assistive Technology through Wearable Motors with Integrated Haptic Feedback.

Christopher Eddy (Advisor: Christopher Koteas), Defining a Complex Boundary in Central Vermont: Detailed Structural Transects from the Taconic to the Acadian.

Chapel Guarnieri (Advisor: Elizabeth Gurian), Understanding Amish Culture in Modern Day America.

Abigail Haswell (Advisor: Karen Hinkle), Understanding a Novel Binding Relationship between Fyn and Pard3.

Jessica Hurlbert (Advisor: Elizabeth Wuorinen), Differences in Energy Expenditure and Lactate Levels during Aerobic and Anaerobic, Single Legged and Two Legged Cycling.

Devon Lindner (Advisor: Karen Hinkle), Understanding the Novel Interaction between MCM6 and Fyn.

Lucas Looman (Advisor: Karen Supan), An Investigation of the Combination of Wind Funneling and Wind Belts.

Anali Luvian (Advisor: Arthur Pallone), Digital Holographic Microscope.

Stacia Melick (Advisor: Megan Doczi), Expression of Insulin Receptor and Kv1.3 Genes during Different Gestational Periods in an Avian Hypothalamus.

Jeffrey Morgan (Advisor: Robert Knapik), Particle Identification in Neutrino Detectors is Hard. Can We Build a Better Detector?

Lance Ostby (Advisor: Richard Hyde), Understanding Earth’s Magnetic Field and a Liquid Outer Core.

Kaitlyn Patterson (Advisor: Moses Tefe), Roundabout Performance Evaluation.

Maciel Porto (Advisor: Megan Doczi), Leptin: Expression and Localization.


Kaitlyn Roy (Advisor: Matthew Thomas), The Effects of Sexualization in the Media on Self-worth.

Timothy Smeddal (Advisor: Brian Bradke), Human Perception of Gauges versus Glass Displays in Aircraft Cockpit Instrumentation.


Maria Trejo (Advisor: Tara Kulkarni), The Threat Levels in Lake Champlain: Are Eco-Machines the Answer?

Zachary White (Advisor: Brian Bradke), Bone Conductive Audio Transduction for Aerospace Applications.

Ryan Whitell (Advisor: Ronald Lessard), Distributed Control of Collaborating Entities: Using Teams of Quadcopters to Aid in Search and Rescue Missions.