Development Day
Faculty Research Symposium
and Celebration of Faculty Excellence
MONDAY, MAY 21, 2018
Faculty Research Symposium

8:00 – 8:30 AM  Check-In / Hammond Hall, Main Lounge

8:30 – 8:45 AM  Welcome, Overview of Day  
Dr. Alberto Cardelle,  
Provost & Vice President for Academic Affairs

8:45 – 9:05 AM  “Strategic Bombing in Rome and Palestrina Italy: Measuring the Cost of War”  
Keynote Speaker: Professor Teresa Fava Thomas, Ph.D.  
Economics, History, & Political Science  
2017 Recipient of Faculty Award for Research & Scholarship

9:15 – 10:30 AM  Concurrent Sessions  
Session 1: Hammond Hall, Main Lounge  
Session 2: Hammond, Ellis White Lecture Hall  
Session 3: Hammond Hall, G01

10:40 – 11:40 AM  Concurrent Sessions  
Session 4: Hammond Hall, Main Lounge  
Session 5: Hammond, Ellis White Lecture Hall  
Session 6: Hammond Hall, G01

Celebration of Faculty Excellence

12:00 PM  Luncheon Holmes Dining Commons

Presentations  
Tenure  
Promotions  
Retirements  
Presentations of Emeriti Faculty  
Contributions to Graduate Program Award  
Faculty Award for Service  
Faculty Award for Research and Scholarship  
Dr. Vincent J. Mara Award for Excellence in Teaching
9:15 – 10:30 AM — CONCURRENT SESSIONS

SESSION 1: HAMMOND HALL — MAIN LOUNGE

Moderator: Dr. Michael Hove, Assistant Professor, Psychological Science

The Effect of Silver Nanoparticles on Plant Growth, Germination, and Insect Herbivory
Dr. Erin Rehrig, Associate Professor, Biology & Chemistry Department
Dr. Emma Downs, Assistant Professor, Biology & Chemistry Department
Gregory Gundberg, Undergraduate Student, Biology Major

Constructing a Habitat Suitability Model for Wild Boar in Great Smoky Mountains National Park Using Environmental Predictors and Presence Only Data
Dr. Benjamin Levy, Assistant Professor, Mathematics Department

The Evolution of the DNase2 Gene Family in Vertebrates
Dr. Lisa Grimm, Assistant Professor, Biology & Chemistry Department
Dr. Meg Hoey, Professor, Biology & Chemistry Department
Dr. Elizabeth Kilpatrick, Assistant Professor, Biology & Chemistry Department
Dr. Ron Krieser, Associate Professor, Biology & Chemistry Department

Music, Movement, and Mind
Dr. Michael Hove, Assistant Professor, Psychological Science Department

Immuno-screening the *Bacillus anthracis* Proteome Using Protein Microarrays
Dr. Sean Rollins, Associate Professor, Biology & Chemistry Department

SESSION 2: HAMMOND, ELLIS WHITE LECTURE HALL

Moderator: Dr. Carolyn Gustason, Assistant Professor, Nursing

The Station
Mr. Les Nelken, Assistant Professor, Communications Media Department

Interdisciplinary Approaches to Media Genealogy
Dr. J.J. Sylvia IV, Assistant Professor, Communications Media Department

Five Ways to Escape
Dr. DeMisty Bellinger-Delfeld, Assistant Professor, English Studies Department

Official State Rhetoric: The Civic Music of Adrian Willaert
Dr. Jonathan Harvey, Assistant Professor, Humanities Department

Non-Fiction Filmmaking Practice: *Scenes from a Protest* and *STUMPED*
Mr. Kevin McCarthy, Assistant Professor, Communications Media Department
Service Learning: Redesigning a University Course in Classroom Behavior Supports to Benefit Students and the Community
   Dr. Robert Shapiro, Assistant Professor, Education Department

How Do Collaborative Roles Affect Perception of Responsibility For Student Outcomes in a Bilingual Inclusive School in Madrid, Spain
   Dr. Felicia Farron-Davis, Associate Professor, Education Department
   Dr. William Guedes Cortezia, Assistant Professor, Education Department

Creating an Engaging Discussion Board on Blackboard through a Rubric: An Example from Mathematics
   Dr. Nermin Tosmur-Bayazit, Assistant Professor, Mathematics Department
   Pier Junor-Clarke, Middle and Secondary Education, Georgia State University
   Draga Vidakovic, Mathematics and Statistics, Georgia State University

Curriculum Development Backward Design – Connecting Needs to Contents
   Dr. Soumitra Basu, Assistant Professor, Industrial Technology

Responsibilities of the Writing/Teacher
   Dr. Heather Urbanski, Associate Professor, English Studies Department

For abstracts go to: fitchburgstate.edu/development-day
SESSION 4: HAMMOND HALL – MAIN LOUNGE

Moderator: Dr. Benjamin Lieberman, Professor, Economics, History, & Political Science

The Study of Mental Disabilities in the Middle Ages and Its Significance for Disability Studies  
Dr. Kisha Tracy, Associate Professor, English Studies Department

The Transformation of the Welfare Regime in Turkey  
Dr. Adem Elveren, Assistant Professor, Economics, History & Political Science Department

Enhancing Student Participation—International Student Exchange Programs  
Dr. Meledath Govindan, Professor, Biology & Chemistry Department

Engineering Technology for Improving the Living Conditions in the Global South: Sustainable Water and Sanitation Infrastructure Development  
Dr. Abdel Gabar Mustafa, Assistant Professor, Industrial Technology Department

SESSION 5: ELLIS WHITE LECTURE HALL

Moderator: Mr. Britton Snyder, Assistant Professor, Communications Media

An Analytical Model of Audits and Pro Forma Earnings  
Dr. Andrew Chan, Assistant Professor, Business Administration Department

Entrepreneurship and Small Business Research  
Dr. James Noonan, Professor, Business Administration Department

Comparison of Didactic, Technical, and Role Modeling and Ethics Learning Acquisition in Undergraduate Online versus Face-to-Face Modalities  
Dr. Audrey Pereira, Associate Professor, Business Administration Department  
(Research conducted with Monika Wahi, Lecturer, Laboure College)

Outsourcing Strategy for New England Biopharmaceutical Companies  
Dr. Kay (Kwahng) Kim, Professor, Business Administration Department
SESSION 6: HAMMOND HALL – G01

Moderator: Dr. Benjamin Levy, Assistant Professor of Mathematics

A Profile of the Foreign Born Population In the Greater Fitchburg Region
Dr. Beverley Hollingsworth, Professor, Business Administration Department
(Research conducted with Dr. Luis Rosero, former Fitchburg State Professor, Economics, History, & Political Science Department)

Conducting Community-Based Research Using GIS and GPS Technologies
Dr. Jane Huang, Professor, Earth & Geographic Sciences Department

What Does a Fitness-Related Business in Fitchburg Need to Do to Recruit New Members and Remain Viable?
Dr. Renee Scapparone, Associate Professor, Business Administration Department
Dr. Viera Lorencova, Associate Professor, Communications Media Department

Comprehensive Strategic Analysis, an Applied Learning Community Project for the City of Fitchburg, Department of Economic Development
Dr. Michael Greenwood, Professor, Business Administration Department

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