



Profiles of Faculty Scholarship

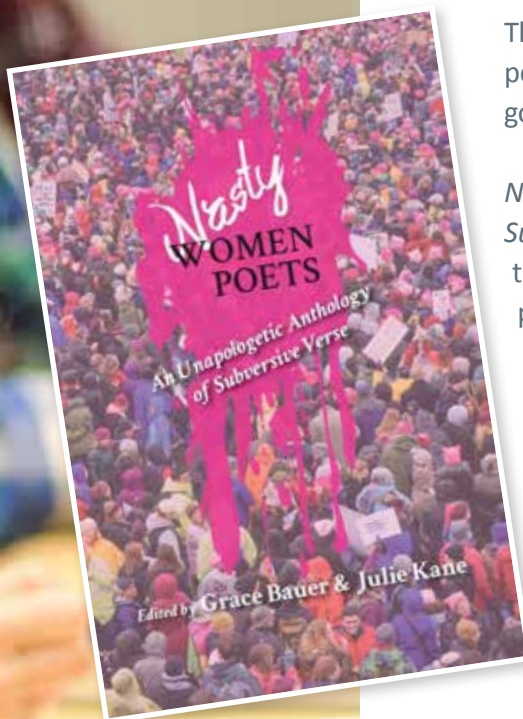
**HIGHLIGHTS OF RESEARCH, PUBLICATIONS
AND CREATIVE ACTIVITY**

September, 2016 – September, 2017



FOREWORD

We are pleased to present the annual edition of this publication to honor the creative, community and scholarly work of Fitchburg State University faculty and librarians. This booklet offers an opportunity to recognize and celebrate the intellectual and creative achievements of our faculty and librarians. These activities both spring from and feed our central teaching mission. Reflected in these pages is the dedicated work of a community of scholars.



Politics in Verse

For DeMisty Bellinger-Delfeld, poetry is a political statement, even if that’s not its primary function.

“Poetry still has to be beautiful,” she said. “It still has to entertain, even if it’s about tough subjects. But to ignore politics is a disservice.”

Politics has been on Bellinger-Delfeld’s mind a lot since the 2016 election and the challenging cultural conversations that have emerged since. Among her recent poems are works that explore themes of race and gender.

“All writing is entering into a greater conversation. That’s been the case since Beowulf,” she said. “My poetry has certainly gotten more political as I’ve gotten older.”

And while one of her pieces was published in *Nasty Women Poets: An Unapologetic Anthology of Subversive Verse* (Lost Horse Press, 2017), a volume that took its name from a very current political phrase, Bellinger-Delfeld knows the themes of sexual harassment and discrimination explored in the work will transcend this moment in time.

Poetry is a good medium for such exploration, she said. “Poems are immediate and get to the essence of an idea on the page,” she said. “Poems are pure. Nietzsche said, ‘We have art to save ourselves from the truth.’”

Bellinger-Delfeld said her classes have done a good job discussing political poetry without anyone resorting to proselytizing, even though diverse opinions are expressed.

“My students handle the poems we read well and find good ideas in them,” she said, adding she’s even more impressed by what happens when students embark on creative writing sessions in class. “I’m always amazed at what our students can do in 15 minutes.”

Beyond verse, Bellinger-Delfeld is exploring themes of race and culture in other linguistic forms. She is currently revising a novel about a father who believes that his privileges are being threatened (by having a black president, or the prospect of a woman president). “The book tries to answer the question of how such a person would respond to a supposed threat from the other,” she said.

“All writing is entering into a greater conversation ... My poetry has certainly gotten more political as I’ve gotten older.”



DeMisty Bellinger-Delfeld

ASSISTANT PROFESSOR
ENGLISH STUDIES

She’s also developing a scholarly paper on cultural appropriation, looking at how to write about other cultures—including gender and sexuality—with appropriating, “exoticizing” and controlling that culture. She hopes the finished piece will inspire thought about writing toward an exchange rather than an adoption or interpretation of a non-dominant culture. “I also talk about who has agency to write about whom, and when should we write about other cultures,” she said.

Bellinger-Delfeld communicates with her students frequently about her own writing and its associated challenges. “When it’s relevant, I talk about the research I do for both creative and academic work,” she said. “I talk about my writing process, about still having the need of peer reviewing, and I talk about revising. I feel more comfortable in the classroom when I am able to offer examples of my writing life or the writing lives of fellow friends.”



Elizabeth Gordon

ASSOCIATE PROFESSOR, CHAIRPERSON
EARTH AND GEOGRAPHIC SCIENCES

Benjamin Lieberman

PROFESSOR, ECONOMICS, HISTORY,
AND POLITICAL SCIENCE



Their team-taught course was first offered in 2012 but both professors were dissatisfied with the available textbooks on the subject.

“There wasn’t anything that covered the subject area the way we wanted to cover it,” Gordon said.

“Climate research is ever expanding, and historians have established environmental history as a major field, but we found that the books available to provide an overall guide for students were lacking for a variety of reasons,” Lieberman said.

So they decided to write one of their own, with the project becoming sabbatical efforts for both professors in 2015 and 2016. *Climate Change in Human History* was published in January by Bloomsbury Academic, an imprint of Bloomsbury Publishing.

The finished volume provides an up-to-date and concise introduction to the relationship between human beings and climate change throughout

history. Spanning hundreds of thousands of years, it illustrates how natural climate variability affected early human societies, and how humans are now able to alter climate drastically within much shorter spans of time. The book explains how human civilization thrived during a comparatively stable period in

climate and how fluctuations in climate also created risks and challenges. It concludes by outlining the key human role since industrialization in bringing about accelerating climate change.

Professors Gordon and Lieberman’s co-taught class on climate change and human history will next be offered in fall 2018.

Filling a Void

Professors Ben Lieberman and Elizabeth Gordon co-authored their book about the relationship between human beings and global climate out of a sense of need.

“The book arose out of a team-taught class that brought together our fields of geophysical science and history to focus on a topic of extreme importance,” Lieberman said. “It is invaluable, in my opinion, for Fitchburg State students to have the chance to take these kinds of interdisciplinary courses.”

Gordon agreed. “It not only covers an important topic in the geosciences, but it teaches students how to integrate the methods and evidence from different disciplines to address a critical issue,” she said. “To reach across disciplines was really fascinating, and gave me a new approach to climate science.”

“The book arose out of a team-taught class that brought together our fields of geophysical science and history to focus on a topic of extreme importance.”





Scholarship for Community

Jane Huang said the applied scholarship model she has explored in her research emerged from necessity. “Many incoming students don’t understand the value of geography,” she said. “The only way to help them understand this is through application.”

That approach has been embodied in several recent projects that have been valuable for her students as well as the city in which the university resides. The multi-agency ReImagine North of Main initiative, seeking to improve quality of life in neighborhoods including those abutting the Fitchburg State campus, sought Huang’s assistance. With a team of students, she helped create detailed maps for spatial analysis of the neighborhoods and their conditions. City leaders and planners praised the work and the functionality of the tool that Huang and her team created for the ongoing revitalization initiatives.

Huang was also part of a contingent of nine faculty who worked with teams of students on a pair of interdisciplinary, grant-funded research projects exploring public health and environmental health in the region. She oversaw students who identified fitness and recreation resources available in the city—from parks to hiking trails—resulting in maps that were given to more than 100 city residents who were surveyed by team members. The results of the analysis led to recommendations designed to help improve park usage in the city.

The health of the Nashua River that runs through the city was the focus of another grant-funded project. Geographic information systems applications were used to examine changes in land use and to simulate terrain through two- and three-dimensional models. Taken together, these tactics will help analyze the environmental health of the river itself. The project continues this summer.

“I hope students realize they can apply what they’ve learned in class.”



Jane Huang

PROFESSOR
EARTH AND GEOGRAPHIC SCIENCES

The success of Huang’s applied scholarship model is also tied to fostering good relationships with the community. Too often academia can have a condescending tone, she said. “Instead, we work with (clients) on what they want,” she said.

Huang has looked for ways to bring her research interests to the classroom throughout her time at Fitchburg State. “I hope students realize they can apply what they’ve learned in class,” she said, noting many of her students have found paid internships and jobs in the field after their projects. “The word’s starting to spread, which is helping the department grow.”



Kevin McCarthy
ASSISTANT PROFESSOR
COMMUNICATIONS MEDIA

Connecting with an Audience

It's all about figuring out the story. That's Professor Kevin McCarthy's foundational lesson to his film students, and that search for compelling stories has led to the creation of diverse projects that screened in the past year.

From the inspirational true story of a man learning how to live his life anew in the face of life-threatening illness to a ground-level view of a David and Goliath labor dispute that riveted the region for weeks one recent summer, the works are compellingly human.

McCarthy served as a producer and videographer on the documentary feature film *STUMPED*, which chronicles William Lautzenheiser's recovery from quadrilateral amputation. Lautzenheiser is a fascinating and candid subject, finding dark humor in his condition while finding the will to persevere through the love of family and friends.

McCarthy knew the film's director and was brought on board when it grew from a short subject to a feature.

"We had to start fundraising, and I took on that responsibility," he said, recounting a grueling marathon of writing grant applications to support production of the film. Among their successes was securing a competitive LEF Foundation Moving Image grant.

McCarthy collaborated with the director over the next 18 months of production, shooting scenes and interviews, while working with the rest of the creative team to develop the arc of Lautzenheiser's unfolding story. Following the completion of filming, the documentary was in post-production for a year, during which McCarthy labored to raise additional grant funds while helping shape the final edit of the film.

The finished film is still playing on the festival circuit, eliciting strong reactions from audiences.

His own directorial effort, *Scenes from a Protest*, emerged from the Market Basket saga that unfolded in 2014, when the grocery store's board removed the chairman that was beloved by employees. The employees risked it all by walking off the job and encouraging customers to stay away. McCarthy was gripped by the unfolding story and started capturing footage and interviews from the movement's earliest days. The saga concluded with the beloved CEO returning to his post after buying out his former board members.

McCarthy's finished film has screened for select audiences including the Fitchburg State campus and Workers Unite! Film Festival in New York City.

"My focus in class is, to be a filmmaker, you have to make your film connect with an audience," McCarthy said.

He also created an experimental short film, *OFFICIAL TEASER #2 REACTION!!!*, that explores modern fan culture. "That was one where I had an idea, and a week later I had a movie," he said, countering the experience to the years of development that have gone into his other works. "It's just a trifle, but it's screened all over the place. You never know what's going to connect with an audience."

STUMPED

ARTBREAKING

- Peter Keough, *The Boston Globe*



Science on Screen
sponsored by the
Alfred P. Sloan
Foundation



AUSTIN
FILM
SOCIETY

**Frameline
Completion Fund**



WOMEN IN FILM
DALLAS

Jonathan Amakawa

COMMUNICATIONS MEDIA

Scholarship

- Co-authored the article *New Philadelphia – Using Augmented Reality to Interpret Slavery and Reconstruction Era Historical Sites* together with Swedish researcher, at Gothenburg University, Dr. Jonathan Westin for the peer reviewed International Journal of Heritage Studies. The article explores the emerging field of augmented reality apps for cultural heritage sites through Dr. Amakawa's experience in creating the New Philadelphia Augmented Reality mobile app.

Creative Activity

- Since the Fall of 2016, Dr. Amakawa has been developing an animation/ interactive project for the US National Park Service titled *Journey to Greatness*. *Journey to Greatness* is a national program run jointly between the NPS and the Boys and Girls Club of America that teaches, and is meant to inspire, young people about the early life challenges faced by American leaders-- Abraham Lincoln, Frederick Douglass, Harriet Tubman and Martin Luther King Jr. The objective of the project has been to update the current program materials by creating engaging 3D animations that reenact scenes from their lives. Over the course of the year, he has created over 20 short character-based animations for the four historical figures. These animations will ultimately be integrated into a mobile app that will replace the original website.

Patricia Arend

BEHAVIORAL SCIENCES

Scholarship

PUBLICATION

- "Consumerism," invited book chapter for *Gender: Love*, edited by Jennifer C. Nash, Macmillan Interdisciplinary Handbooks, Editor-in-chief, renee c. hoogland, pp. 291-306, 2016.

POSTER

- "Including Women, Gender and Sexuality Studies in non-WGSS Courses," Poster Session presented at the biannual conference of the New England Faculty Development Consortium, Fitchburg, MA, 2017.

Dennis Awasabisah

BIOLOGY / CHEMISTRY

Scholarship

PUBLICATION

- Nan, X.; Yan, B.; Awasabisah, D.; Powell, D. R.; Richter-Addo, G. B. "Preparation and infrared spectroelectrochemical studies of five-coordinate (por)Fe(OC(=O)R) compounds (por = TPP, OEP; R = CCl₃, CH₂Cl)". *Inorg. Chim. Acta.* 2018, 469, 183-188.

Laura Baker

ECONOMICS, HISTORY, & POLITICAL SCIENCE

Scholarship

- "Hybrid History," Massachusetts Colleges Online Annual Conference on eLearning: Best Practices, Greenfield, MA.

Community Service

- Massachusetts Department of Elementary and Secondary Education History/Social Science Curriculum Frameworks Review Panel.
- Consulting Scholar, Fitchburg Historical Society Mass Humanities Grant, Spring 2016.

Mary Ann Barbato

MATHEMATICS

Scholarship

- Co-authored paper titled *K_{1,3} –subdivision Representations with Tolerance 1 and 2* to be published in the January 2018 issue of *Bulletin of the Institute of Combinatorics and its Applications*.

Soumitra Basu

INDUSTRIAL TECHNOLOGY

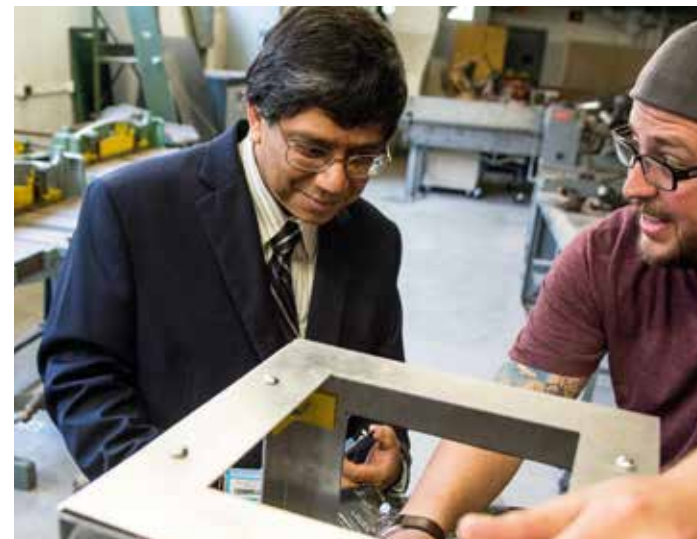
Scholarship

PUBLICATIONS

- Soumitra. Basu and Sam Basu, Peter Caiazzo and Anthony Radice, "Sustainable Energy, The Sterling Engine Re-Emergence, and a market based feasibility analysis of its application", *SIBR conference in Bangkok, Thailand, June 16 -17, 2017*.
- Soumitra Basu, "Engineering Technology curriculum development using a 7 step backward design formalism", ASEE Annual Conference, Columbus, Ohio, June 25 - 28, 2017.

Creative Activity

- Commonwealth Research Conference Advising: "An Algorithm for an Automatic Solar Tracking Device" Advisor: Dr. Soumitra Basu. Students: Christopher Battle, Chou Yang, Cole Antalek. Presented at the Twenty-Third Annual Massachusetts Statewide Undergraduate Research Conference, April 28, 2017. The purpose of this study is to develop an algorithm that guides a solar tracking device and moves it on rails.
- Research Grant from Fitchburg State University: "An Integrated Project on Energy Efficient Building Design and Construction." A special projects grant from Fitchburg State University in 2017. Awardees: Dr. Nirajan Mani, Dr. Soumitra Basu.



Community Service

- Transportation Planning Project through the Crocker Center: "Needs Assessment and the Use of Quality Function Deployment in Transportation." An ongoing project in Leominster initiated through the Crocker Center with the Montachusett Regional Planning Commission (MRPC), which is the regional planning agency for 22 cities and towns that comprise the Montachusett Region.

Nermin Bayazit

MATHEMATICS

Scholarship

JOURNAL PUBLICATIONS

- Tosmur-Bayazit, N. Junor Clarke, P. & Vidakovic, D. (In press). Argumentative Knowledge Construction in an Online Graduate Mathematics Course: A Case Study. *International Journal of Distance Education Technologies*.
- Behm-Cross, S., Tosmur-Bayazit, N. & Hadley-Dunn, A. (Accepted with revisions). Whiteness as a Dissonant State: Exploring One White Male Student Teacher's Experiences in Urban Contexts. *Journal of Teacher Education*.

CONFERENCE PRESENTATIONS

- Behm-Cross, S., Tosmur-Bayazit, N. & Hadley-Dunn, A. (2017, February). *Using critical whiteness to explore a mathematics teacher candidate's experiences with dissonance in urban contexts*. Presented at the Annual Association of Mathematics Teacher Educators (AMTE), Orlando, FL.
- Bayazit, N. Junor Clarke, P. & Vidakovic, D. (2017, January). "Active" vs "Looking Active" in a fully online mathematics class: *Word of caution*. Presented at the Joint Mathematics Meeting, Atlanta, GA.
- Bayazit, N. & Enescu, F. (2017, January). *How can we foster collaboration and inquiry in an online mathematics course?* Presented at the Joint Mathematics Meeting, Atlanta, GA.

- Bayazit, N. Akaygun, S. & Aslan-Tutak, F. (2017, January). *Lessons learned from in-service teachers: A potential STEM professional development model for higher education faculty*. Presented at the Massachusetts PKAL Winter Network Meeting, Worcester, MA.
- Bayazit, N. Junor Clarke, P. & Vidakovic, D. (2016, November). *Fostering knowledge acquisition in an asynchronous learning environment: A potential structure*. Presented at the 38th Annual Conference of Psychology of Mathematics Education-North American Chapter (PME-NA), Tuscan, AZ.

DeMisty Bellinger-Delfeld

ENGLISH STUDIES

Scholarship

- South Atlantic Modern Language Association (SAMLA) "High Art/ Low Art: Borders and Boundaries in Popular Culture," SAMLA Poets Reading and Panel.
- Marion and Jasper Whiting Foundation grant for research in France.

Creative Activity

- Short Story: "French Fry Soup." *WhiskeyPaper*, November, 2017.
- Poetry: "Waxing Crescent," "First Quarter," "Waxing Gibbous," "Full Moon," and "Waning Gibbous." *Rag Queen Periodical*. 2 Oct 2017.
- Poetry: "Pussy Willow." *Nasty Women Poets: An Unapologetic Anthology of Subversive Verse*. Ed. Bauer, Grace and Julie Kane. Lost Horse Press, 2017.
- Poetry: Chapbook: *Rubbing Elbows*. Finishing Line Press, 2017.
- Poetry: "War Chant," "Funereal Ice Cream," and "Love During Unrest." *Former People: A Journal of Bangs and Whimpers*. 13 April 2017.
- Poetry: "The Unrequited Love Story of Mary Mallon." *Blue Fifth Review*. 17.3 Winter 2017.
- Poetry: "Nasty Girls Pantoum," "Gingerly," "Harvest Cycle," "Superhero Tendencies," "Neo-Escape Chant," and "June 19, 1865." *VerseWrights*. Feb 2017.
- Poetry: "Windsor Knot" and "Big Men and the North." *Boston Accent Lit*. Jan 2017, Issue 6.
- Creative nonfiction: "I'm Black, You're Black." *The Forge Literary Magazine*. 1 May 2017.
- "Tell Me Something Good." *The Rumpus*. 16 April 2017.
- "Community Poetry Café." Fitchburg State University 26 April 2017.
- "Wrexham Road Reading Series," Sarah Lawrence College, Bronxville, New York, 2 April 2017.

Community Service

- Volunteered at Mass Poetry Festival, Salem, MA, 7 May 2017.

Deborah Benes

NURSING

Scholarship

- North Central Massachusetts Food Assessment Survey- Development and distribution of large-scale community food assessment in collaboration with community partners. 2017
- Gordon, E., Welch D., Huang, J., Wigmore, D., Scapparone, R., Lorencova, V., Downing, E., & Benes, D. *Fitchburg State University Student-Faculty Collaborative Summer Research Experience*. Funded by the Lloyd G. Balfour Foundation. 2017
- Benes, D., *Photovoice as an experiential learning process in Community Health Nursing*. Funded by the Douglas and Isabelle Crocker Center for Civic Engagement. 2016

POSTERS

- Benes, D. (2017, June). *Photovoice: an experiential learning strategy for community health nursing*. 25th Annual Conference for Nurse Educators: Clinicians and Educators: Collaborating to Meet Practice Changes. Falmouth, MA

REFEREED PRESENTATIONS – PAPERS

- The role of culture and community in the development of physical activity programs for Latina adolescents (2016) Eastern Nurses Research Society. 2016

Creative Activity

- Embedded librarians: Collaborating for student success (2016, August 30). Graduate and Continuing Education Faculty Meeting and Professional Development Workshops, Fitchburg State University.
- Development team - Environmental and Public Health Curriculum track under Environment and Geographical Sciences: start date fall 2018.
- Development team – Crocker Center Community Research Group for Applied Scholarship. 2017



Community Service

- A healthy eating cooking and learning demonstrating on the benefits of eating non starchy vegetables – Cleghorn Center Fitchburg, 2017.
- A healthy eating cooking and learning demonstrating on the benefits of eating non starchy vegetables – Gardner’s Gathering Fitchburg, 2017.
- Co-Chair – Healthy Eating CHIP/ CHNA 9, 2017
- Peer Reviewer, *Preventive Medicine*, 2017.
- Peer Reviewer, *Public Health Nursing*, 2016.

Catherine Buell

MATHEMATICS

Scholarship

PUBLICATIONS

- Buell, C., A Helminck, V. Klima, J. Schaefer, C. Wright, E. Ziliak, *On the Structure of Generalized Symmetric Spaces of $SL_n(F_q)$* , Communications in Algebra. Vol. 45, 5123-5136, August 2017.
- Buell, C., A Helminck, V. Klima, J. Schaefer, C. Wright, E. Ziliak, *On the Structure of Generalized Symmetric Spaces of $SL_2(F_q)$* . Note di Mathematica. (accepted March 2017, to appear)
- Seeley, W. & Buell, C. *A Question of Artistic Style: Digital Image Analysis and the Classification of Paintings*. Conference Paper and Presentation. Pacific Division Meeting of the American Society for Aesthetics, Asilomar Conference Grounds, Pacific Grove, California, April 2017.

PRESENTATIONS

- *Intertwining Social Justice in the STEM classroom (workshop)*, PKAL Fitchburg State University, June 2017.
- *Making WAIVS!*, Fitchburg Art Museum, Making WAIVS! Workshop, May 2017.
- *A New Dialect: Tropical Mathematics for Industrial Processes*, Providence College, April 2017.
- *Social Justice in a General Education Course*, Joint Mathematics Meetings, Jan. 2017.
- *Making WAIVS: Image Analysis Tools for Art Historians* Science Seminar at WRHS, Wachusett, MA, Nov. 2016.

GRANTS / AWARDS

- American Society for Aesthetics for *Making WAIVS! Workshop* with Co-Pis, March 2017.
- Collaborate@ICERM, August 2017
- Themed Contributed Paper Session: Intertwining Mathematics and Social Justice, January 2017.
- Associate Editor for Special Edition of PRIMUS: Intertwining Mathematics and Social Justice *Co-Editor Summer 2016* - present.

Katharine Covino-Poutasse

ENGLISH STUDIES

Scholarship

PUBLICATIONS

- Covino, K. (2016). Berenice Malka Fisher’s *No Angel in the Classroom: Teaching through Feminist Discourse*. – A Review – *Currents in Teaching and Learning*

CONFERENCE PRESENTATIONS

- *Including Women, Gender, and Sexuality Studies Across the Curriculum* – New England Faculty Development Consortium – Fitchburg State University – June 2, 2017
- When Students Disagree, Everybody Learns and Grows! Critical Literacy Pedagogy as a Tool of Constructive Conflict – Massachusetts Association for College and University Reading Educators Research Roundtable – MRA Conference – April 7, 2017
- ‘*But That’s Not What I Think...*’ How Critical Literacy Empowers Students to Challenge Texts in Early-Elementary Literacy-Learning Classrooms – Literacy Essentials Conference – Central Connecticut State – April 1, 2017
- ‘*All the Aggression was Schooled Out of Her*’: How Teachers Influence Children’s Understanding and Performance of Gender in School – Lead(h)ership Conference: Women in the Workplace – Fitchburg State University – March 31, 2017
- *Intrapersonal Tensions – Teachers at War with Themselves: A Close Look at Educators Struggling Between Continuity and Change* – ALER Conference – November 4, 2016
- *Reflections on Teachers in the Midst of Change: A Researcher’s Perspective* – ALER Conference – November 4, 2016
- *Language, Discourse, and Gender: Interconnected Strands in Feminist-Poststructuralist Classroom Research* – NEPS Conference – October 22, 2016
- *Making the Most of Faculty Mentoring* – Teaching at Teaching Intensive Institutions (TTII) Conference – October, 2016

Creative Activity

- *Untitled* Poem included in *Texas Association for Literacy Education Newsletter* – Summer, 2017

Community Service

- Peer reviewer for manuscripts submitted to the *MRA Primer Journal*, 2016
- Co-collaborator/co-moderator of the annual Robert C. Cormier Symposium and digital archive exhibit (2016 – 2018)
- Faculty advisor for Feminist Conversations, a student-led club at Fitchburg State University

Christopher Cratsley

BIOLOGY / CHEMISTRY

Scholarship

GRANT PROJECTS

- Served as Project Co-Director and Co-author, Learning Assessment Research Consortium (LARC) Learning Assessment Curriculum: Co-managed Davis Foundation funded, 7 institution team (Fitchburg State University, Framingham State University, Manchester Community College, MGH Institutes of Health, Saint Michael’s College, Simmons College, Suffolk University) that developed, tested and implemented on the NILOA website a 6-module online Learning Assessment Curriculum.
- Received FSU Faculty Research Special Projects Grant for quantifying functional biodiversity in firefly multimodal warning signals and chemical defense traits. This work involves objectively quantifying firefly conspicuousness using recently developed methods for assessing animal camouflage and contrast, testing induced bioluminescence in response to simulated predation threat, and conducting bioassays of firefly palatability to arachnid predators.

PUBLICATIONS

- Cratsley, C.K, Slotnick, R.C. and Michelle Paranto. 2016. “*Leveraging Campus Efforts that are Already Underway*.” In Dolinsky, R., Rhodes, T.L., and McCambly, H. *Action Steps for Advancing Transfer Student Success: Lessons Learned from Cross-Institutional Collaborations*, 14-15. Washington, DC: Association of American Colleges and Universities.

PRESENTATIONS

- Intro to Assessment: Goals and Objectives. Plenary Presentation at the NEEAN Summer Institute 2017 with Linda Bruenjes and Jennifer Herman.
- Demystifying Assessment. Traditional Summer Institute breakout session at the NEEAN Summer Institute 2017 with Linda Bruenjes and Jennifer Herman.
- Assessment Modules: Previewing a New Online Professional Development Resource. Plenary session at the Advancing Massachusetts Culture of Assessment (AMCOA) Annual Conference 2017 with Jennifer Herman and Victoria Wallace.
- Collaboratively Designed Learning Assessment Modules: An Interactive Professional Development Resource Available to Any Institution. Presentation at the NEEAN Fall Forum 2016 with Linda Bruenjes, Kimberly Hamilton-Bobrow, Jennifer Herman and Victoria Wallace.
- Learning Assessment Modules for Everyone! An Interactive Professional Development Resource. POD Network Conference and Indianapolis Assessment Conference 2016 with Linda Bruenjes, Jennifer Herman and Victoria Wallace.

Community Service

- Volunteered to support the non-profit Ivy Child International through grant-writing, shaping professional development opportunities, and strategic planning to bring Mindfulness Based Learning to the Boston Public Schools, Concord Public Schools, and Prospect Hill Charter School in Somerville.

Cynthia Crosson

BEHAVIORAL SCIENCES (EMERITUS)

Scholarship

- *Exploring Child Welfare: A Practice Perspective, 7th edition.* (2017). Boston: Pearson.
- *Understanding Child Abuse and Neglect*, 10th edition. (in press) Boston: Pearson.
- Children's books about service dogs
- *Only Daddy's Dog* (explaining military related PTSD to young children) (2016) Haley's.
- *Sunny and Malcolm* (explains how disabled veterans get service dogs) (2017) Haley's.

PRESENTATIONS

- "The Role of the Mental Health Consultant," individual presentation, Assistance Dog's International Conferences, Gaithersburg, MD. October 2017.
- "Determining Veteran Readiness", panel presentation, Assistance Dog's International Conferences, Gaithersburg, MD. October 2017.
- "Trauma's Invisible Wound: Post-traumatic Stress through the Lens of Handwriting Analysis". Individual presentation, American Handwriting Analysis Foundation International Conference, Tucson, Arizona, October 2017.

Community Service

- Serves as psychological consultant to the Trauma Assistance Dog program at NEADS an assistance dog program in Princeton, MA. Dr. Crosson developed the program to place specially trained service dogs with veterans with combat related post-traumatic stress disorder (PTSD).
- Mental health consultant to the Standards Development Committee of Assistance Dog's International, developing international standards for the placement of service dogs with veterans with combat related PTSD.

Danette Day

EDUCATION

Scholarship

PUBLICATIONS

- Day, D. V., Gregory, J. L. (2017). Mindfulness as a Prerequisite to Effective Leadership; Exploring the Constructs that Foster Productive Use of Feedback for Professional Learning. *Interchange*, DOI: 10.1007/s10780-017-9307-0.

- Deluca, S. M., Gregory, J. L. & Day, D. V. (2017). Efficacy of Mindfulness in the Classroom, *European Journal of Applied Positive Psychology*, In Progress.

PRESENTATIONS

- "Mindfully Mentoring Recent Graduates, A Welcome to the Academy" presentation at the New England Educational Research Organization (NEERO), Portsmouth, NH, May 2017

PANEL

- Mount Wachusett Community College's Annual Gateway to College Career Panel, December 2017
- First Year Experience: Belonging Panel, Fitchburg State University, September 2017
- *ReImagine North of Main*, Panelist, Fitchburg State University, April 13, 2017
- *13th* by Ava Duvernay, Movie Screening and Panelist, Fitchburg State University, March 2017

WORKSHOPS

- "Dialogue on Dismantling Race: Sharing Experiences, Issues and Strategies" workshop presented at MTA Ethnic Minority Affairs Committee Conference 'Getting Real About Race', Framingham, MA, December 2017
- "Exploring Mindfulness" workshop presented at Girl Scouts of Central & Western Massachusetts' Geek is Glam STEM Expo at Worcester Polytechnic Institution Worcester, MA, October 2017
- "Exploring Mindfulness" workshop presented at the Minds in Motion Program, Milford, CT, March 2017.

GRANTS

- *Fitchburg Youth Today*, Fitchburg State University Special Projects Grant, 2017
- Pedagogical Research Discussion Group, Center for Teaching and Learning Projects Grants, Fitchburg State University, 2017

Community Service

- Martin Luther King Recognition Planning Committee Chair, Fitchburg State University, September 2017 – Present
- *United Way Day of Caring*, Page Hill Top School, Ayer, MA, September 2017
- Programs on Equity & Diversity, *Transgender Educational Series*, Fitchburg State University, September – October 2017
- *ReImagine North of Main* Task Force, September 2017 – present.
- *Task Force on Race*, Massachusetts Teachers Association, December 2015 - present.
- Career Fair, Fitchburg High School, Fitchburg, MA, April 2017
- *Tenacity Challenge* Competition Judge, Bedford High School, Bedford, MA, May 2017

PROFESSIONAL AFFILIATIONS

- Editorial Board Member of the *Journal of Educational Leadership and Policy Studies (JELPS)* <https://go.southernct.edu/jelps/>

Christine Devine

NURSING

Scholarship

- May 24, 2017 Epsilon Beta Chapter, Sigma Theta, Annual Meeting. "Integrity in Nursing Students: A Concept Analysis." Oral Presentation.
- April 25, 2017 UMASS Dartmouth College of Nursing Scholarship Day. "Integrity in Nursing Students: A Concept Analysis." PhD Student Speaker.
- April 25, 2017 UMASS Dartmouth College of Nursing Scholarship Day "Integrity in Nursing Students: A Concept Analysis." Poster Presentation.
- April 5, 2017 Eastern Nursing Research Society (ENRS), Philadelphia, Pennsylvania "Integrity in Nursing Students: A Concept Analysis." Poster Presentation.

Emma Downs

BIOLOGY / CHEMISTRY

Scholarship

- Dr. Down's work focuses on several different aspects of silver nanoparticles. Nanoparticles are very very tiny clusters of atoms, and because they are so small they have unique properties. One common use of silver nanoparticles is as catalysts, to speed up various reactions. Using a simple synthesis, Dr. Down and her students make silver nanoparticles with different properties and test them as catalysts for the production of amides, molecules which are common building blocks for polymers and pharmaceuticals. This project provides information on how changing catalyst properties changes the effectiveness, which will help in the design of better catalysts. Another common use of silver nanoparticles is as antimicrobial agents in commercial products such as sports gear or food storage containers. There are concerns about the fate of these particles in the environment and their effects on aquatic life and bacterial resistance. She is working with her students to study what happens when these products are washed and how much silver is leached under different conditions. This has also led to a collaboration with Dr. Erin Rehrig studying the effects of silver nanoparticles on plants.

Nancy Duphily

NURSING

Scholarship

- Duphily, N. Linking evidence to practice: The clinical practice guideline project. Poster Presentation May 31, 2017. St. Anselm Nursing Educator Conference, Falmouth, MA. Seacrest Hotel and Conference Center.
- Duphily, N. (2016) Linking evidence to practice: The clinical practice guideline project. *Nursing Plus Open*, 2, 26–34. <http://dx.doi.org/10.1016/j.npls.2016.09.002>



Creative Activity

- Worked with FSU Department of Nursing Curriculum Committee to redesign and create new courses for the curriculum in the RN to BS in Nursing online track, 2016-2017.
- Created a *Clinical Nursing Instructor* manual, January 2017.

SERVICE LEARNING PROJECTS

- Formal Mentor, MSN student from Worcester State University, Jan. 2017.
- Dissertation Committee member, Regis College doctoral nursing student, April, 2017.

Community Service

- Appointed Health Alliance Leominster/Clinton Hospital Trustee, Jan. 2017.
- Appointed Health Alliance Home Health and Hospice Board Trustee, Sept. 2017.
- International Board of Lactation Consultation (IBCLC) - Lactation Consultant 15 hours/week

Adem Elveren

ECONOMICS, HISTORY, & POLITICAL SCIENCE

Scholarship

PUBLICATION

- "Functional Finance and Social Security: Rereading Abba Lerner", in *Imperiled Economies 2018 An URPE Reader*, Dollars & Sense, 2018.

PRESENTATIONS

- Presented a paper co-authored with Ali Cevat Tasiran, entitled "Soft Modelling of Military Expenditures, Inequality and Profits" at the Allied Social Sciences Associations Annual Meeting, Chicago, IL, 2017.
- Gave a talk entitled "Gender and Social Policy in Turkey in the Era of Islamic Authoritarianism" at Pardee School of Global Studies, Boston University, 2017.

Community Service

- Reviewer for *Review of Development Economics*, and *International Journal of Social Welfare*.

Lena Ficco

PSYCHOLOGICAL SCIENCE

Scholarship

PUBLICATIONS

- “When Success Feels Undeserved and Acceptance Isn’t Enough to Feel Like You Belong.” NEFDC The Exchange, Fall 2017

INVITED TALKS

- “The Imposter Phenomenon: You’re here today because you are talented, not just lucky or just hard working. Really.” Feminist Conversations: Lead(h)ership Conference, Fitchburg State University, March 2017
- “Implicit Curriculum: Tackling the imposter syndrome in academia.” Center for Teaching and Learning Course Redesign Summer Institute, August 2017
- “Implicit Curriculum: Tackling the imposter syndrome in academia.” Center for Teaching and Learning Teaching Hour, October 2017

PRESENTATIONS

- “Implicit Curriculum: Tackling the imposter syndrome in academia.” New England Faculty Development Consortium Spring Conference, June 2017

POSTER

- “Are Birth Control Pills Bad for Your Brain?” Anderson, R. & Ficco, L. Fitchburg State University Science Symposium, October 2017.

Community Service

- Undergraduate Conference for Research and Creative Process, Presentation Judge, April 2017
- Habitat for Humanity Employee Build Henry St, Fitchburg, MA, June 2017
- Knitting Club Founder, Levi Memorial Library Gardner, MA September 2017 - current

Steven Fiedler

BIOLOGY / CHEMISTRY

Scholarship

PUBLICATION

- Bonifaci, N., Li, Z., Eloranta, J., Fiedler, S. L., “Interaction of Helium Rydberg State Molecules with Dense Helium”, Journal of Physical Chemistry A, 120, 9019-9027 (2016)

Elizabeth Gordon

EARTH & GEOGRAPHIC SCIENCES

Scholarship

- Project Co-author, along Ben Lieberman of History, *Climate Change in Human History: From Prehistory to the Present* (Bloomsbury, 2018).
- Project coordinator, Fitchburg State Summer Research Collaborative. Funded by the Lloyd G. Balfour Foundation, faculty from six departments completed

the first year of a three-year interdisciplinary research experience focused on the health of the Fitchburg community. Eighteen Fitchburg State students worked on one of two projects: 1) the health of the Nashua River, which focuses on various scientific indicators of environmental health, and 2) the health of Fitchburg residents, which includes physical health behaviors and health perceptions.

Community Service

- Member, Executive Board, AAC&U’s Project Kaleidoscope (PKAL) MA Regional Chapter
- Co-organizer, MA PKAL Regional summer meeting: STEM Students in the Community
- Member, Executive Committee, National Association of Geoscience Teachers New England (NAGT-NE) Section
- Chair, NAGT-NE Outstanding Earth Science Teacher Award Committee
- Peer Reviewer, *Environmental Science and Technology*
- Textbook reviewer, Jones and Bartlett Publishers
- Participant, Habitat for Humanity Employee Build

Meledath Govindan

BIOLOGY / CHEMISTRY

Scholarship

- Serves as Councilor of the American Chemical Society—an elected position representing 660+ members of the Society from Central Massachusetts section. In addition, Dr. Govindan hosted a scientific meeting of the Central MA section of the ACS at Fitchburg State University in March 2017 when three new faculty members from area colleges and universities (including FSU’s Steven Fiedler) presented their research to an audience of nearly 50 chemistry faculty, students and industrial chemists from the region.



- Served as the President of New England Association of Chemistry Teachers (NEACT), an organization of college and high school chemistry teachers, until July 1, 2017. As President, Dr. Govindan oversaw the Association’s activities including planning and coordinating the annual Summer Conferences. The 2017 Summer Conference was held at Fitchburg State University and featured presentations and teacher workshops on materials chemistry. A full program with abstracts and copies of some of the presentations can be found at www.neact.org.

Community Service

- Dr. Govindan continued to serve as the Contests Coordinator for the MA chapters of the North South Foundation. In 2017, Worcester chapter contests were held on April 29-30 at Fitchburg State University and the Cambridge chapter contest on April 9 at Tufts University. Contests were held in spelling, vocabulary, geography, math, science, essay writing and public speaking. Dr. Govindan has been part of the coordinating team since 2002. Over 500 school children from MA, NH and RI participated in the seven contests. FSU has hosted the Worcester Chapter contests continuously since 2006. (*North South Foundation, www.northsouth.org, is an all-volunteer non-profit organization based in Chicago that holds these contests at over 80 sites throughout the U.S. and Canada*).

Michael Greenwood

BUSINESS ADMINISTRATION

Scholarship

PUBLICATIONS

- Member, Editorial Review Board, FedDashboard.com. Economic data trends, analyses and media commentaries on economics and market fundamentals. Fall 2016 - Spring 2017

PRESENTATIONS

- “Refining Your Communication and Leadership Skills Using the DISC Behavioral Assessment Tool” NCMCC Community Leadership Institute, Fitchburg, MA. October 26, 2016
- “Leading Transformational Teams” NCMCC Community Leadership Institute, Fitchburg, MA. November 16, 2016
- “Introduction to Social Entrepreneurship Community Projects” NCMCC Community Leadership Institute, Fitchburg, MA January 11, 2017
- “The Responsibility of Leadership” NCMCC Community Leadership Institute, Fitchburg, MA February 16, 2017
- “Ethical Business Leadership” NCMCC Community Leadership Institute, Fitchburg, MA. March 23, 2017
- “Leading with Empathy and Compassion.” NCMCC Community Leadership Institute, Fitchburg, MA April 27, 2017

- “Leading in a Cross Generational Workplace.” NCMCC Community Leadership Institute, Fitchburg, MA May 25, 2017
- “The Marshmallow Challenge-Organizational and Team Based Problem Solving.” NCMCC Community Leadership Institute, Fitchburg, MA June 15, 2017

Creative Activity

- “Business Simulation and the Applied Nature of Competitive Business Gaming” Used business simulation software in the classroom to enhance applied learning outcomes within a capstone course. Fitchburg State University. Fall 2016 - Spring 2017.
- “The Social Entrepreneurship Project” Used the theme of social entrepreneurship within his fall 2016 Introduction to Entrepreneurship class. Students designed social entrepreneurship projects to exemplify learning outcomes related to how to develop a 501c3 business plan. Fitchburg State University. Fall 2016.

Community Service

- Member, Leadership Council, North Central Massachusetts Chamber of Commerce, Fitchburg, MA. Fall 2016 - Spring 2017
- Chair, North Central Massachusetts Community Leadership Institute Steering Committee, Fitchburg, MA. Fall 2016 - Spring 2017
- Strategic Planning Advisor. Member, Marketing Action Committee. United Way of North Central Massachusetts, Fitchburg, MA. Fall 2016 - Spring 2017
- Founding Board Member, Greater Gardner Business Incubator, Inc. Gardner, MA Fall 2016 - Spring 2017
- Invited to help manage activities supporting the merger of North Middlesex Savings Bank and Marlborough Savings Bank. The name of the combined institution is Main Street Bank, based in Marlborough, MA. Fall 2016 - Spring 2017
- Invited by Workers Credit Union, Fitchburg, MA, to assist with organizational effectiveness program development and delivery. Fall 2016 - Spring 2017
- Invited by The Board of Directors of the United Neighbors of Fitchburg, to lead a series of strategic planning retreats, resulting in a refined organizational mission and vision. Summer 2017

Randall Grometstein

BEHAVIORAL SCIENCE

Scholarship

- Article entitled “Miscarriages of Justice” in the Oxford Encyclopedia of Crime, Media and Popular Culture, Nicole Rafter and Michelle Brown, eds., Oxford University Press (published online in June 2017, hardcover edition forthcoming, January 31, 2018).

Robert Harris

COMMUNICATIONS MEDIA

Scholarship

- Moderator for post screening discussion of Abigail Child's films, *Acts & Intermissions*, Boston Premier at Brattle Theatre.

Creative Activity

- Participated in opening of *BLACK MATTERS*, a retrospective of the career of Aldo Tambellini, at ZKM, Karlsruhe, Germany. In the exhibition were 4 video worksthat I edited; *Atlantic in Brooklyn* (6 channel installation), *Royal Wedding*, *Inauguration '81*, *The Day Before the Moon Landing*.

Jonathan Harvey

HUMANITIES

Scholarship

- "Consciousness of Gender Diversity as Educators" presentation at Massachusetts Teachers Association conference, August 2017

Creative Activity

- "The Voice Out Of The Whirlwind: Choral Music on Prophecy" concert featuring Pioneer Valley Symphony Chorus and Chamber Choir, Hadley, MA, November 2016
- "Winter Around The World" concert featuring choirs of Fitchburg State University, Leominster High School, and Fitchburg High School, Weston Auditorium, December 2016
- Conductor, Toronto Mendelssohn Choir Choral Conductors' Symposium (one of five conductors selected from an international pool),
- "Sea To Shining Sea: Choral Music of a Diverse America" concert featuring Fitchburg State University Choirs, Weston Auditorium, May 2017
- "Mendelssohn's *Elijah*" concert featuring Pioneer Valley Symphony Orchestra and Chorus and Hampshire Choral Society, accompanied by presentation "Elijah the Prophet as viewed by the Jewish, Christian and Islamic faiths," Amherst, MA, May 2017
- Recording project of David Mosher's arrangements of music of Lorre Wyatt, with Pioneer Valley Symphony Chamber Choir, June 2017
- Recording project of Adrian Willaert's civic motets (funded by Amelia V. Gallucci-Cirio Endowment), Summer 2017

Community Service

- American Choral Directors Association, Massachusetts Executive Board Collegiate Chair
- New England Music Festival Association Solo and Ensemble Festival adjudicator, Cheshire, CT, December 2016

- American Choral Directors Association, Eastern Division Conference Auditioned Choir selector, May 2017
- American Choral Directors Association, Massachusetts Conference Chorus manager, Northampton, MA, July 2017
- Schenectady County Community College Choral Festival adjudicator, Schenectady, NY, October 2017

Michael Hoberman

ENGLISH STUDIES

Scholarship

PUBLICATION

- "Home of the Jewish Nation: London Jews in the eighteenth century Anglo American imagination." *Eighteenth-Century Studies* 50.3 (April 2017).

CONFERENCE PRESENTATIONS

- "To prove the correctness and authenticity of my statements": Solomon Nunes Carvalho's revision of the Western travel narrative. Multi-Ethnic Literature of the United States (MELUS). Cambridge, April 2017.
- Roundtable participant, colloquy on *Sympathetic Puritans*, by Abram Van Engen. American Society for Eighteenth Century Studies. Minneapolis, April 2017.

Community Service

- Featured speaker for Henry David Thoreau Bicentennial events, Ashfield, MA (May 2017) and Charlemont, MA (September 2017)

Michael Hove

PSYCHOLOGICAL SCIENCE

Scholarship

REFEREED JOURNAL ARTICLES

- Hove, M. J., Gravel, N., Spencer, R.M., & Valera, E. M. (in press). Finger tapping and the phase correction response in adults with ADHD: Pre-attentive sensorimotor timing is unimpaired in ADHD. *Experimental Brain Research*.
- Hove, M. J. & Stelzer, J. (in press). Biological foundations and beneficial effects of trance. *Behavioral and Brain Sciences*.
- Balasubramaniam, R., Hove, M. J., & Médé, B. (in press). Factorization of force and timing in sensorimotor performance: Long range correlation properties of two different task goals. *Topics in Cognitive Science*.
- Stupacher, J., Witte, M., Hove, M. J., & Wood, G. (2016). Neural entrainment in drum rhythms with silent breaks: Evidence from steady-state evoked and event-related potentials. *Journal of Cognitive Neuroscience*, 12, 1865-1877.

INVITED TALKS

- Brain and Mind Institute, University of Western Ontario, London, Canada, September 2017



CONFERENCE PRESENTATIONS

- Hove, M. J., Habibi, A., Stelzer, J., & Cahn, B.R. (2017). fcMRI and EEG evidence for perceptual decoupling in rhythm induced trance. Poster presented at Society for Neuroscience. November. Washington D.C.
- Hove, M. J., Martinez, S., Schwartz, A.E., Stupacher, J (2017). Feel the bass: The link between timing, movement, and low-frequency tones. Poster presented at Neurosciences and Music. June. Boston, MA.
- Hove, M. J. (2017). The link between timing, movement, and low-frequency tones. Paper presented at the New England Sequencing and Timing, March. Storrs, CT.

Jane Huang

EARTH & GEOGRAPHIC SCIENCES

Scholarship

- Dr. Huang and three students (Kayla Kress, Jacob Hogue, Jake Glick) continued to work on the *Neighborhood Property Mapping & Analysis Project in Fall 2016 and Spring 2017 semesters*. As part of the ReImagine North of Main project since January 2016, Dr. Huang and her students conducted in-depth mapping and spatial analysis of the neighborhood north of Main St, Fitchburg using GIS (Geographic Information System) technology. The purpose of the project was to assist Montachusett Opportunity Council, NewVue Communities and City of Fitchburg in improving the quality of life in the neighborhood.
- One of the many products of the project was the publication of the "*Standard Operating Procedure of Property Survey in the Fitchburg Communities*" by the Fitchburg State University Press. Copies of the manual are available in the library at the special collection section (TH439.K57 2017) and also at the reserves section at the circulation desk.

- The project was well received by the ReImagine project and was extended to the Fall 2017 semester. Dr. Huang and her student team will help the city inventorying more properties and using GIS for mapping and spatial analysis purposes. This endeavor was supported by the Crocker Center for Civic Engagement.
- Collaborated with eight professors and fourteen students of Fitchburg State, Dr. Huang and four students (Timothy Maclaughlin, Nicholas De Paula, Jacob Hogue, and Sean Beverly) involved in two interdisciplinary research projects targeted on public health and environmental health in the Fitchburg area in the summer of 2017. GIS was intensively used in both projects. In the public health project, the fitness/recreation resources in Fitchburg (parks, gyms, and trails) were inventoried and mapped online; over a hundred Fitchburg residents were surveyed and educated with the online map, the perceptions of fitness/recreation resources among the participating residents were analyzed, and the results led to certain recommendations regarding the usage of parks.
- In the environmental health project, GIS was used to examine the changes of land use in the Fitchburg area and to simulate the terrain through 2D and 3D models. It was also used to study the potential water infiltration and runoff in the area. A drone imagery of a section of the Nashua River was collected, and a Story Map of the environmental health of the area and particularly of the Nashua River was created. This endeavor was funded by the Lloyd G. Balfour Foundation, Bank of America, N.A., Trustee.
- Dr. Huang and the four students were invited to present the research projects to the NEURISA (New England Urban & Regional Information Systems Association) Annual Conference at the Great Wolf Lodge in Fitchburg in October 2017.

Walter Jeffko

HUMANITIES

Scholarship

- Writing the fourth edition of his book, *Contemporary Ethical Issues: A Personalist Perspective*. It will include a new chapter, "Economic Inequality, Distributive Justice, and Democracy," which will be an expansion and update of his last Harrod Lecture by the same title, delivered in October 2015. The rest of the book will have many revisions and updates. The book will be published June 12, 2018.

Katherine Jewell

ECONOMICS, HISTORY, & POLITICAL SCIENCE

Scholarship

- Published *Dollars for Dixie: Business and the Transformation of Conservatism in the Twentieth Century* with Cambridge University Press (New York, 2017). Article: “Worlds Collide” on the Boston Marathon Bombing in *The American Historian*, the magazine of the Organization of American Historians. Published two op-eds in the *Washington Post*, one of which relates to ongoing book project, *Live from the Underground: College Radio in the Era of the Culture Wars*.

Lynn Kellner

BEHAVIORAL SCIENCES

Community Service

- New England Regional Director – Council on Standards for Human Services Educations; also served as Lead Reader on 2 Reaccreditation Visits of Human Services programs
- New England Organization for Human Services: Conference Committee for yearly conference.

Mary King

HUMANITIES (EMERITUS)

Community Service

- Member, Academic Advisory Board, United Planet
- Board of Directors, Hypersomnia Foundation

Megan Krell

BEHAVIORAL SCIENCES

Scholarship

- Krell, M., Rivera, A., Greenbaum, J., White, A. (2017, April). Human Services Program Development: Involving Students in Decision Making. Presented at the annual conference of the New England Organization for Human Services, Fitchburg, MA.



Community Service

- Massachusetts School Counselors Association, President
- New England Organization for Human Services, Member-at-large
- New Faculty Interest Network, Massachusetts Ambassador
- North Atlantic Region Association for Counselor Education and Supervision, Treasurer
- United Way of North Central Massachusetts, Community Investment Site Visit Team Member

Denise LaFrance

EDUCATION

Scholarship

PUBLICATION

- “Accountability as a Technology of Governmentality: Policy and Disruption on Teaching Practice” (2017) *Teacher Education and Practice*, vol. 30, issue 2.

PRESENTATION

- “Impact of Pre-service Teachers’ Social Structures, Beliefs, and Interactions on Inclusive Teaching Practices”
- New England Educational Research Organization (NEERO) 2017 Annual Conference
- Conference Discussant: New England Educational Research Organization (NEERO) Spring 2017 Annual Conference

Benjamin Levy

MATHEMATICS

Scholarship

PUBLICATIONS

- Edholm, C., Levy, B., Le Fevre, S., Lenhart S., Marijani, T., Yakubu, A., & Nyabadza, F. 2017. *A Risk Structured Mathematical Model of Buruli Ulcer Disease in Ghana*. Mathematics of Planet Earth Special Edition on Infectious Disease Modeling.
- Levy, B., Edholm, C., Lenhart, S., Gaoue, O., Kgosimore, M., Lungu, E., Nyabadza, F. and Marijani, T. 2017. *Modeling the Role of Education in Limiting a Future Outbreak of Ebola*. Infectious Disease Modeling.
- Levy, B., Collins, C., Lenhart, S. and Stiver, W. 2017. *Evaluating Wild Hog Preferences to Guide Control Strategies in the Great Smoky Mountains National Park*. Natural Resource Modeling.

PRESENTATIONS

- Franklin and Marshall College Mathematics Seminar. Lancaster, PA, April 2017. “Modeling Feral Hogs in Great Smoky Mountains National Park to Evaluate Control Efforts and Analyze the Population’s Niche.”
- Southern Africa Mathematical Sciences Association Annual Conference. Pretoria, South Africa, November 2016. “Modeling the Role of Education in Limiting a Future Outbreak of Ebola.”

Benjamin Lieberman

ECONOMICS, HISTORY, & POLITICAL SCIENCE

Scholarship

- Co-author along with Elizabeth Gordon of Geophysical Sciences of *Climate Change in Human History: From Prehistory to the Present* (Bloomsbury, 2018).
- Delivered paper on “The Paradox of Perpetrators: Transferring the Model of Ordinary Men?” at 2017 German Studies Association Conference.

Robert Logan

EXERCISE & SPORTS SCIENCE

Scholarship

- Chen X, Chen H, Cai W, Maguire M, Ya B, Zuo F, Logan R, Li H, Robinson K, Vanderburg CR, Yu Y, Wang Y, Fisher DE, Schwarzschild MA. The melanoma-linked “redhead” MC1R influences dopaminergic neuron survival. *Ann Neurol*. 2017 Mar;81(3):395-406
- Kastanenka KV, Hou SS, Shakerdge N, Logan R, Feng D, Wegmann S, Chopra V, Hawkes JM, Chen X, Bacskai BJ. Optogenetic restoration of disrupted slow oscillations halts amyloid deposition and restores calcium homeostasis in an animal model of Alzheimer’s disease. *PLoS One*. 2017 Jan 23;12(1):e0170275. doi: 10.1371/journal.pone.0170275.

Viera Lorencová

COMMUNICATIONS MEDIA

Scholarship

- As a member of the interdisciplinary Fitchburg State University Student-Faculty Collaborative Summer Research Experience project, Dr. Lorencova has served as a mentor and co-investigator in the interdisciplinary research project “Health of the Fitchburg Community,” launched in Summer 2017. The project was awarded funding from the Lloyd G. Balfour Foundation, Bank of America & N.A. Trustee (for Summer 2017, 2018 and 2019). Served as a co-investigator on the study “Health of the Fitchburg Community” that aimed to understand relationships between perceptions of health and physical activity, including access to fitness/recreation resources, physical activity behaviors, indicators of health, and the impact on the economic health of businesses in Fitchburg and neighboring communities. Co-mentored a team of Fitchburg State undergraduate student-researchers from Communications Media, Business Administration, Exercise Science and Nursing, who worked on investigating the availability of fitness and recreation facilities in Fitchburg and the factors that lead fitness-related businesses to be successful in the Fitchburg area.

PUBLICATIONS

- Lorencová, Viera, Katherine Covino, and Heather Urbanski. “Including Women, Gender and Sexuality Studies into Teaching.” *NEFDC Exchange*, Vol. 30, Fall 2017.

PRESENTATIONS

- Lorencová, Viera. “Including Women, Gender and Sexuality Studies into Teaching.” NEFDC Spring 2017 Conference “Helping Students Build a Network for Lifelong Learning.” Hammond Hall, Fitchburg State University, Fitchburg, MA. Co-presented with Patricia Arend, Katherine Covino and Heather Urbanski. June 2, 2017.
- Lorencová, Viera. “I’ve Heard This Can be a Tough Place for Women to Succeed.” What Women Need to Know to Prepare Well for Job Interviews.” Invited presenter at the Lead(h)ership Conference organized by Feminist Conversations, Hammond Hall, Fitchburg State University. March 30, 2017.

PANELS

- Lorencová, Viera, Patricia Arend, Katherine Covino, and Heather Urbanski. CTL Teaching and Learning Hour: “Teaching Gender Across the Curriculum: Content, Pedagogy, and Practice.” Co-presented at the Center for Teaching and Learning, Hammond Hall, Fitchburg State University. Sept. 19, 2017.
- Lorencová, Viera. “Lead(her)ship Conference.” Invited presenter on the panel “Women and Work” organized by Feminist Conversations. Hammond Main Lounge, Fitchburg State University, Fitchburg, MA. March 31, 2017.
- “Inclusive Dialogues.” Invited participant in the roundtable discussion organized by the Center for Diversity and Inclusiveness, Hammond Hall, Fitchburg State University, Fitchburg, MA. March 21, 2017.
- Lorencová, Viera. “International Women’s Day Panel: Challenges Faced by Women Across the Globe in the Twenty-First Century.” Faculty facilitator of the panel co-organized by the Women, Gender and Sexuality Studies Committee, International Education Office and Center for Diversity and Inclusiveness. Fitchburg State University, Fitchburg, MA. March 8, 2017.
- Lorencová, Viera. “Looking Back, Moving Forward: 25 Years of Women’s Studies at FSU.” Invited presenter on the panel discussion organized by Women, Gender, Sexuality Studies, Fitchburg State University, Fitchburg, MA. October 14, 2016.

GUEST PRESENTATIONS

- Lorencová, Viera. “M.S. in Applied Communication Graduate Program. Q&A” Invited Presentation in COMM 3460: Public Relations. Fitchburg State University. Fitchburg, MA. September 15, 2017.
- Lorencová, Viera. “The Use of Print Periodicals and Digital Media as Platforms for LGBTQ Activism.” Invited guest presentation in Dr. Rala Diakite’s IDIS 4004: Interdisciplinary Capstone. Fitchburg State University, Fitchburg, MA. March 2, 2017.

- Lorencová, Viera. “Women’s History Month 2017.” Invited guest presentation about WHM 2017 events and a critique of promotional posters designed by students from Prof. Jon Krasner’s class COMM 3820. Fitchburg State University, Fitchburg, MA. February 6, 2017.

REVIEWS

- Invited blind review of Bojan Bilić and Marija Radoman’s book proposal *Lesbian Resistances, Lesbian Solidarities: Harbingers of Better Times during and after Yugoslavia*. Submitted to Gender Studies, Palgrave Macmillan. March 17, 2017.
- Invited double-blind review of “LGBTQ Politics in Postcommunist Slovakia: The Intersections, Discourse and Politics of Marginalization.” Submitted to the *Journal of Europe-Asia Studies*. September 12, 2016.

GRANTS

- The Lloyd G. Balfour Foundation, Bank of America & N.A. Trustee Grant for “Fitchburg State University Student-Faculty Collaborative Summer Research Experience” (funding for summer 2017, 2018 and 2019).
- Center for Teaching and Learning Projects Grant for “Women, Gender, Sexuality Studies Curriculum Development Project: Inclusion of Feminist Pedagogy, Gender Studies and Queer Theory Across Curriculum.” Fitchburg State University, Fitchburg, MA. Spring 2017.

AWARDS

- Nominated for the Vincent J. Mara Excellence in Teaching Award, Office of Alumni and Development, Fitchburg State University. March 2017.

Community Service

- As a member of the Women’s History Month (WHM) committee, I helped with the organization and publicity of WHM events at Fitchburg State University (2016 – 2017).
- As a member of the non-governmental organization “Diversity Pro” that promotes LGBT inclusiveness, visibility and leadership, I assisted with the development of educational materials for the LGBT business forums organized by the NGO Diversity Pro, Bratislava, Slovakia (2016-2017).

Nirajan Mani INDUSTRIAL TECHNOLOGY

Scholarship

JOURNAL PUBLICATIONS

- Mani, N., Kisi, K. P., Rojas, E. M., & Foster, E. T. (2017). Estimating construction labor productivity frontier: Pilot study. *Journal of Construction Engineering and Management*, ASCE, 143(10), 04017077.
- Kisi, K. P., Mani, N., Rojas, E. M., & Foster, E. T. (2016). Optimal productivity in labor-intensive construction operations: A pilot study. *Journal of Construction Engineering and Management*, ASCE, 143(3).

PEER REVIEWED CONFERENCE PUBLICATIONS AND PRESENTATIONS

- Pradhananga, N., Mani, N., & Subedi, S. (2017). Sustainable safety in labor-intensive operations: An innovative perspective. *Proceedings of CSCE Annual Conference and Annual General Meeting*, Vancouver, Canada, May 31 – June 3.
- Mani, N., Kisi, K. P., Rojas, E. M., & Foster, E. T. (2017). Labor productivity frontier: A case study of two crews. *Proceedings of 53rd ASC Annual International Conference, Associated Schools of Construction*, Seattle, Washington, April 5 - 8.
- Pradhananga, N., Mani, N., & Subedi, S. (2017). Determining safety frontier for repetitive labor-intensive operations: A theoretical approach. *Proceedings of 53rd ASC Annual International Conference, Associated Schools of Construction*, Seattle, Washington, April 5 - 8.

AWARDS

- Received Special Projects Grants (Major Grant) 2017-2018, “An Integrated Project on Energy Efficient Building Design and Construction” at Fitchburg State University.
- Received Center for Teaching and Learning 2016-2017 Innovation Grant, “Teaching Construction Courses by Implementing Virtual Reality and Visualization” at Fitchburg State University.

Creative Activity

- Conducted research activities related to labor productivity, construction safety and e-construction in collaboration with faculty members at various universities, such as Florida International University, University of Nebraska-Lincoln, University of Dayton, and Missouri Western State University and submitted a proposal to “Civil Infrastructure Systems (CIS) Division, National Science Foundation.”
- Coordinated and organized “1st Industrial Technology Students’ Design & Project Competition” on April 18, 2017.

SERVICE LEARNING PROJECTS

- Conducted an interdisciplinary project entitled “Development of Virtual Environment Representing Construction Operations,” collaboration with Prof. Les Nelken (faculty from Communication Media Department) and supervised two Game Design students and three Industrial Technology students (through internship and special study program).

Community Service

- Reviewed journal and conference papers for “American Society of Civil Engineers (ASCE)” journal publications, “Construction Research Congress” conference, and “Associated Schools of Construction” conference.
- Moderated the conference session for “Associated Schools of Construction Conference 2017.”
- Volunteered in Newah Organization of America – New England Chapter, Boston, Massachusetts

Tara Mariolis NURSING

Scholarship

- In July 2017, passed the *National League of Nursing* certification examination. Presently recognized as a *Certified Nurse Educator* through July 2022.
- Mariolis, T., Bosse, J., Martin, S., Wilson, & Chiodo. (March 30 & 31st 2017). *Comparing Medication Assisted Treatment and other Treatment Modalities in Patients with an Opioid Use Disorder (in Progress)*. Poster Presentation. State of the Art and Science: Behavioral Health in Primary Care Across the Lifespan – Issues, Challenges, and Strategies. University of Massachusetts Amherst College of Nursing Conference. Springfield, MA.

SERVICE LEARNING PROJECTS

- University of Massachusetts Memorial Medical Center, faculty sponsor, *Shared Leadership Day* Evidence-based Poster Presentations (5) by nineteen FSU junior nursing students to nurse educators for CEUs. Posters were generated during fall 2016 Evidenced-based Nursing Class.

Community Service

- *Reviewer, American Psychiatric Nurses Association*, reviewer, educational content for the national Medication Assisted Treatment (MAT) training for nurses designed to fulfill education requirements of CARA, which allow will all nurses to provide MAT to persons with opioid disorders, 2016
- *Reviewer, American Psychiatric Nurses Association*, Poster Abstracts for 2016 National Annual Conference
- *Reviewer, American Psychiatric Nurses Association*, Scholarly Review Committee for presentations for 2016 National Conference

Kevin McCarthy COMMUNICATIONS MEDIA

Scholarship

- Presented a talk on “Using found footage film & analog video content in documentary production classes to deepen and enrich student storytelling” at the annual University Film and Video Association (UFVA) Conference held at Cal State Los Angeles in August 2017.
- Presented the short experimental film *OFFICIAL TEASER #2 REACTION!!!* at the 2017 UFVA Conference, while serving as peer Resondent to another experimental film on the same screening panel.
- Served as a Paper and Panel Peer Reviewer and Film Screening Juror for the 2017 UFVA Conference.

Creative Activity

- *STUMPED* – Documentary Feature film, Producer/Videographer. A collaboration with producer/director, Robin Berghaus, *STUMPED* follows the journey of William Lautzenheiser over four years, as he recovers from a quadrilateral amputation and eventually



receives a double-arm transplantation. The film premiered at the Cleveland International Film Festival in March 2017, winning an award for Best Film in the Global Health Competition. The film has also screened at the following film festivals through September 2017:

- Independent Film Festival Boston, Boston, MA (opening night film)
- Inside Out Toronto, Toronto, Ontario, Canada
- Frameline 41 Festival, San Francisco, CA
- Flickers Rhode Island International Film Festival, Providence, RI (winner, Best Feature Documentary, Youth Jury Award)
- Newburyport Documentary Film Festival, Newburyport, MA
- Austin Film Society Science On Screen, Austin, TX
- Milwaukee Film Festival, Milwaukee, WI (opening night film)
- *OFFICIAL TEASER #2 REACTION!!!* – Experimental Short film, Producer/Director. A commentary on internet superfans and shared geek culture, this found footage mashup film premiered at the Festival of (In) appropriation at the Egyptian Theater in Los Angeles in February 2017. The film has also screened at the following venues through September 2017:
 - Metro Cinema Society, Edmonton, Alberta, Canada
 - Northwest Film Forum, Seattle, WA
 - Flatback Film Festival, Birmingham, England
 - Close-Up Film Centre, London, England
 - Los Angeles Filmforum, West Hollywood, CA
 - University Film & Video Association Conference, Los Angeles, CA
 - Spectacle Theater, Brooklyn, NY
- *SCENES FROM A PROTEST* – Documentary Short film, Producer/Director. Premiered as part of the Community Read series at Fitchburg State University in February 2017. The film documented the 2014 Market Basket boycott from the vantage point of the workers and customers. The event – “Boycott Retrospective” – also featured a panel of associates from Market Basket to discuss their experiences in the labor imbroglio.

Philip McCormack

BEHAVIORAL SCIENCES

Scholarship

CHAPTER

- McCormack, P.D. and Spina, F. (2017). "Justice Francis X. Spina" in *Trends in the Judiciary: Interviews with Judges from Around the Globe Volume III* (pp. 155-169). Editors: David Lowe and Dilip Das. Publisher: CRC Press.

ENTRY

- Connor, D. P. and McCormack, P.D. (2017). "New York Prison Riots" in *The Encyclopedia of Corrections*. Editor: Kent Kerley. Publisher: Wiley-Blackwell.
- McCormack, P.D. and Clarke, K. (2017). "Mein Kampf" In *The Encyclopedia of Corrections*. Editor: Kent Kerley. Publisher: Wiley-Blackwell.
- McCormack, P.D. and Clarke, K. (2017). "Wickersham Report on Soaring Crime during Prohibition." in *The Use and Abuse of Police Power in America: Historical Milestones and Current Controversies*. Editor: Gina Robertiello. Publisher: ABC-CLIO.
- McCormack, P.D. and Clarke, K. (2017). "Kerner Commission Report on Race Riots and Police Response" in *The Use and Abuse of Police Power in America: Historical Milestones and Current Controversies*. Editor: Gina Robertiello. Publisher: ABC-CLIO.
- Clarke, K. and McCormack, P.D. (2017). "National Firearms Act" in *The Use and Abuse of Police Power in America: Historical Milestones and Current Controversies*. Editor: Gina Robertiello. Publisher: ABC-CLIO.
- Clarke, K. and McCormack, P.D. (2017). "Knapp Commission" in *The Use and Abuse of Police Power in America: Historical Milestones and Current Controversies*. Editor: Gina Robertiello. Publisher: ABC-CLIO.
- Clarke, K., McCormack, P.D., and Siegel, L.J. (2017). "Criminology" in *The Cambridge Handbook of Sociology*. Editor: Kathleen Korgen. Publisher: Cambridge University Press.

ARTICLE

- McCormack, P.D., Pattavina, A., and Tracy, P.E. (2017). Assessing the Coverage and Representativeness of the National Incident-Based Reporting System. *Crime and Delinquency*, 63(4), 493-516. <https://doi.org/10.1177/0011128717694595>
- Hirschel, D., Buzawa, E., and McCormack, P.D. (forthcoming). A ten-year study of the impact of intimate partner violence primary aggressor laws on single and dual arrest. *Journal of Intimate Partner Violence*. <https://doi.org/10.1177/0886260517739290>

Kyle Moody

COMMUNICATIONS MEDIA

Scholarship

PUBLICATIONS

- Book Chapter "Ico and Shadow of the Colossus: The Importance of Companion Characters in Lonely Landscapes." Inclusion in edited volume *The 100 Greatest Video Game Franchises*, published by Rowman and Littlefield.
- Book Chapter "The End of the Dream: How Grand Theft Auto V Simulates and Subverts Its Male Player-Character Dynamics." In edited volume *Masculinity Studies and Game Studies*.

CONFERENCE PRESENTATIONS

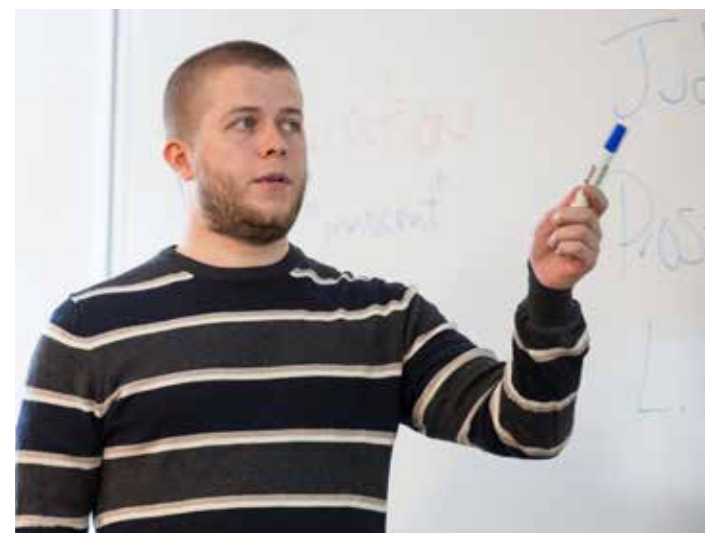
- Popular Culture Association/American Culture Association, San Diego, CA
- "Reframing Roddenberry - Star Trek, Fan Activism, and Online Communities of Users and Creators"
- Society for the History of Authorship, Reading and Publishing, Victoria, British Columbia, Canada
- "The Book as an Element of Transmedia: How *Extra Lives* Emphasizes the Convergent Role of the Book Within a Transmediated Cycle"

SERVICE LEARNING PROJECTS

- Worked with Community Health Connections and Fitchburg Access Television (FATV) in Fitchburg, MA to development of promotional print materials, web promotional content, and social media campaigns through Document Design and Topics: Social Media Campaigns courses

Community Service

- Multiple library talks on fake news and social media through state of Massachusetts, including public libraries in Athol, Leominster, Concord, Hudson, Chicopee, Winchendon, Millbury, and Wayland.
- Panelist in "President Trump's First 100 Days: Looking Back, Looking Forward," presented by the Center for Conflict Studies and the Major in Political Science on May 1, 2017.



Les Nelken

COMMUNICATIONS MEDIA

Creative Activity

- Design Director on *The Station* - a science fiction narrative mystery and exploration video game that explores the events behind the sudden loss of contact with a research station orbiting a newly discovered planet. The game investigates themes of surveillance, moral law and social critique, and is being developed by an international team with members located in Vancouver B.C., Melbourne Australia, New England and North Carolina. Several Fitchburg State University Game Design students have served as interns on the project and continue to work on the game post-graduation. Due to be released on February 20th 2018, the digital distribution will be on Windows, Mac, Linux, Microsoft Xbox One and Sony PlayStation. Website for the project: TheStationGame.com

Community Service

- Board member, Boston Post Mortem, Boston Chapter of the International Game Developers Association (I.G.D.A.).
- Moderated a panel of game developers at the March 2016 Boston Post Mortem meeting, "Getting the Most Out of the Game Developers Conference."
- Collaborated with Michael Sweet, Artistic Director of Video Game Scoring at Berklee College of Music, for three semesters to facilitate game design project interaction between Berklee students and FSU Game Design majors. Berklee students provide game audio for FSU student projects allowing both groups to give practical consideration to the role of music in games.
- Guest lecture on *Level Design / Worldbuilding: Planning for Creativity*, and jury member for final projects, Summer 2017, Emagination Game Design Camp, Boston, MA.

James Noonan

BUSINESS ADMINISTRATION

Community Service

PUBLICATIONS

- Publishing a text entitled "When Your Name is on the Building," Preparation for the Entrepreneurial Venture.
- Market Analysis Review on Transportation across New England. How independent trucking can capture the delivery Market for "on-line" delivery for retail furniture and Frozen "Just-in Time" food services for the regional restaurants.
- Economic Outlook Newsletter for area businesses published by the North Central Economic Development and Small Business Center.
- Research Study on why the university should or should not invest more funding in Downtown Fitchburg.
- Study on the perception of the Fitchburg City Council.

- Research study for local retail lumber and hardware chains customer perception and buyer behavior.
- "A two year study on the Brexit," outcome and effect on Central Massachusetts and Metro West. Impact of British withdrawal from the European Union. Study sought to define future impact on regional manufacturers.

Ozge Ozay

ECONOMICS, HISTORY, & POLITICAL SCIENCE

Scholarship

RESEARCH IN PROGRESS

- "Changing Structure of Exports and Product Sophistication in East and Southeast Asian Region" Revise and Resubmit, *The International Trade Journal* (with Emel Memis).

PRESENTATIONS

- "Women's Time Poverty in Turkey" presented in IAFFE Annual Conference, 29 June - 1 July 2017, Seoul, South Korea.

OTHER PROFESSIONAL ACTIVITIES

- Reviewer for *Structural Change and Economic Dynamics*.

Alan Pearlmuter

HUMANITIES

Creative Activity

- Conductor of the Kammerwerke Double Wind Quintet, Bedford, MA. Since 2011, Kammerwerke has been rehearsing and performing rare classical music for ten winds representing music from the 18th century to contemporary times. Alan is also a composer and his *Divertimento No. 1* was performed on the December 2017 Kammerwerke concert. www.kammerwerke.org
- Since 2011, Dr.Pearlmuter has been performing in retirement communities as pianist and singer with his wife, clarinetist Linda Poland, a long-time member of the New Bedford (MA) Symphony Orchestra. The duo performs their own musically arranged and narrated decade song programs, movie music, international folk music, and light classical music. As of 2018 they have performed 350 concerts together. www.nostalgiasongfests.com

Audrey Pereira

BUSINESS ADMINISTRATION

Scholarship

PUBLICATIONS

- Pereira, A. S., & Wahj, M. M. (2017). Course management system's compatibility with teaching style influences willingness to complete training. *Online Learning Journal*, 21(1), 36-59, doi: 10.24059/olj.v21i1.763

- Pereira, A. S., & Wahi, M. M. (2017). Strategic approaches to increase course management system adoption by higher education faculty. *Journal of Higher Education Theory and Practice*, 17(2), 61-60
- Pereira, A. S., & Wahi, M. M. (2016). Perceived compatibility of course management systems with teaching style is associated with department, rank, and length of use in higher education faculty. *Northeastern Association of Business, Economics, and Technology (NABET) 2016 Proceedings 39th Annual Meeting*, October 27-28, 2016, retrieved from <http://www.nabet.us/proceedings-archive/NABET-Proceedings-2016.pdf#page=231>

CONFERENCE PRESENTATIONS

- Pereira, A. S. (2016). *Perceived compatibility of course management systems with teaching style is associated with department, rank, and length of use in higher education faculty*. Presented at the Northeastern Association of Business, Economics and Technology (NABET) 2016 Annual Meeting, State College, PA, October 27-28, 2016.
- Pereira, A. S. (2016). *Techniques for Aligning Course Assessments with Learning Outcomes and Communicating Alignments to Students*. Presented at the International Assembly for Collegiate Business Education (IACBE) Fall 2016 Regional Assembly Conference, Nichols College, Dudley, MA, October 13, 2016.

Christopher Picone BIOLOGY / CHEMISTRY

Scholarship

- Oral presentation at the Massachusetts PKAL Network Summer Meeting, Fitchburg State University, June 7, 2017. *Using hornworm caterpillars to help students understand biological transformations of matter and energy*.
- Invited oral presentations on the science of climate change, given at UMass Medical School's Doctoral Roundtable (March, 2018), the Science Working Group of Mass Action Together held at the College of the Holy Cross (April, 2017), and the Ashburnham Public Library (April, 2017)

SERVICE LEARNING PROJECTS

- Received the 2017 Nashua River Watershed Association Environmental Education Award. For "a vision of a sustainable future and creativity in using experiential education to introduce ... students to the open spaces and waterways of the Nashua River watershed."

Community Service

- Ashburnham Conservation Commission (member). In addition to enforcing the MA Wetland Protection Act, this year he submitted a MassWildlife Habitat Management Grant Proposal (\$18,828) to restore a local grassland.

- Ashburnham Rail Trail Committee. In 2017 this town committee became an official subgroup of the Ashburnham Economic Development Council. Dr. Picone serves on the board as secretary.
- Mount Watatic Management Committee. Represents the Town of Ashburnham among the six owners of Watatic Mountain.
- Growing Places Garden Project, Leominster, MA. Volunteers as a composting consultant at their annual Food Gardeners' Gathering in March, and teaches workshops on composting. Dr. Picone manages the school garden at McKay Academy, which is used in their after-school programs.

Benjamin Railton ENGLISH STUDIES

Scholarship

PUBLICATIONS

- Review of Cecelia Tichi's *Jack London: A Writer's Fight for a Better America*, published in *The American Historical Review* 81.4 (October 2016).
- Online pieces published on multiple sites, including more than 10 pieces with *HuffPost* and a piece with the *Washington Post's* new Made by History blog.

PRESENTATIONS

- "Capacious all-embracing leaves': Public Scholarly Benefits of Re-reading *The Marrow of Tradition*." Panel presentation, Northeast MLA (NeMLA) Conference. Baltimore, MD. March 23-26, 2017.
- LA (NeMLA) Conference. Baltimore, MD. March 23-26, 2017.

Sean Rollins BIOLOGY / CHEMISTRY

Scholarship

TEXTBOOK CONTENT AND CHAPTER REVIEWER

- Pearson: First Edition Allied Health Science Microbiology (expected publication 2018)
 - Peer Review Chapter 3: *Prokaryotes: Structural and Phylogenetic Principles*
 - Peer Review Chapter 4: *Eukaryotes: Structural and Phylogenetic Principles*
- OpenStax College (Words & Numbers):
 - *Microbiology* (1st Edition published early 2017); Table of Contents Review; Peer Review of 8 Chapters; Credited Contributor in Text Preface
- Selected to serve on the Editorial Board of *Annals of Nursing Research and Practice*

INVITED PANELIST

- Association of Commercial Professionals in Life Sciences National Meeting, Boston, MA



Daniel Sarefield ECONOMICS, HISTORY, & POLITICAL SCIENCE

Scholarship

PRESENTATION

- Presented a scholarly paper, "Integrating Glykon," at the 2017 Symposium Classicum Peregrinum: "Egyptian and Eastern Cults in the Roman Empire," hosted by Pázmány Péter Catholic University, held in Szombathely and Sopron, Hungary, June 2017.
- Served as a faculty participant in a panel, "Building Continuity into a Short Term Study Abroad Program," at the 2017 NAFSA (Association of International Educators) Region XI Conference at Bretton Woods, NH, November 2017.

Creative Activity

- Continued to study ukulele with Paul Luria in the Fitchburg State University Foundation music program.

Community Service

- Continues to serve as Chairman of Fitchburg's Board of License Commissioners.

Ricky Sethi COMPUTER SCIENCE

Scholarship

JOURNAL PUBLICATIONS

- Ricky J. Sethi and Yolanda Gil, "Scientific Workflows in Data Analysis: Bridging Expertise Across Multiple Domains". *Future Generation Computer Systems* (FGCS) (2017).

- Richard De Veaux, Mahesh Agarwal, Maia Averett, Benjamin Baumer, Andrew Bray, Thomas Bressoud, Lance Bryant, Lei Cheng, Amanda Francis, Robert Gould, Albert Y. Kim, Matt Kretchmar, Qin Lu, Ann Moskol, Deborah Nolan, Roberto Pelayo, Sean Raleigh, Ricky J. Sethi, Mutiara Sondjaja, Neelesh Tiruvilumala, Paul Uhlig, Talitha Washington, Curtis Wesley, David White, and Ping Ye, "Curriculum Guidelines for Undergraduate Programs in Data Science". *Annual Review of Statistics and Its Application* (Annu Rev Stat Appl) (2017).

CONFERENCE PUBLICATIONS

- Ricky J. Sethi, "Crowdsourcing the Verification of Fake News and Alternative Facts". *ACM Conference on Hypertext and Social Media (ACM HT)* (2017). (Demo)
- Ricky J. Sethi, "Fact-Checking via Structured Discussions in Virtual Communities". *3rd International Workshop on Social Media World Sensors (Sideways)* (2017). (Keynote)
- Ricky J. Sethi and Yolanda Gil, "Reproducibility in computer vision: Towards open publication of image analysis experiments as semantic workflows". *IEEE International Conference on eScience (IEEE eScience)* (2016). (Oral)
- Kabir Chug and Ricky J. Sethi, "Collaboration in Computer Vision using Scientific Workflows". *IEEE International Conference on Collaboration Technologies and Systems (IEEE CTS)* (2016).

WORKSHOP

- Co-Chair, Making WAIVS: Workflows for the Analysis of Images in Visual Stylometry sponsored by the National Endowment for Humanities (NEH), New England Museum Association (NEMA), Fitchburg Art Museum (FAM), and American Society for Aesthetics (ASA), 2017

Charles Sides COMMUNICATIONS MEDIA

Scholarship

- *The Right to Write: College Communication and the First Amendment*. Kona Publishing, 2017.
- *How to Write and Present Technical Information*, 4th edition. Greenwood Press, 2017.
- "User-Centered Program Design and the First-Generation College Student: Internship." Council for Programs in Technical and Scientific Communication (CPTSC), Savannah, GA, 2017.
- "Editor's Roundtable." Council for Programs in Technical and Scientific Communication (CPTSC), Savannah, GA, 2017.

Joshua Spero

ECONOMICS, HISTORY, & POLITICAL SCIENCE

Scholarship

- Submitted book manuscript for publication on: *Middle Powers Matter Regionally: Critical Foreign Policy Junctures for Poland, South Korea, Bolivia*.
- Published chapter: "Security Issues: NATO and Beyond" (revised chapter) in eds. Sharon Wolchik & Jane Curry. *Central and East European Politics, 4th Edition* (Rowman & Littlefield)
- Presented the Harrod Lecture: "Bridging South America's Divide: Indigenous Ruling Bolivia (2006-2009)"

SERVICE LEARNING PROJECTS

- Organized, coordinated, and led students from "Europe Today" Political Science/History Course on a week-long study abroad trip to Kraków, Poland

Community Service

- Coordinated/Hosted the annual International Studies Minor Program's International and Conflict Studies Keynote Speaker Series for 2016: Ms. Jessica Glover (FSU, 2008), International Program Specialist in NASA Headquarters' Office of International and Interagency Relations – "What Does Space Have to Do with International Studies Anyway? -- Highlights of NASA's International Cooperation and International Public Service Careers."
- Invited to lecture: *Great Decision Program*, Westminster Library, "U.S. Foreign Policy and Petroleum"
- Panelist: "What Now? Governing in the Aftermath of the 2016 Presidential Election," Fitchburg State Political Science Faculty/Department of Economics, History, and Political Science



Deborah Stone

NURSING

Scholarship

- Presentation at the International Conference on Forensic Nursing and Practice in Toronto, Ontario, Canada October 12, 2017. *Intimate partner Violence Among the Late Adolescent and Early Adult Populations: A Secondary Data Analysis*.

Community Service

- Co-chair for the *Community Health Network Area of Healthy and Safe Relationships* group which meets monthly in Fitchburg. Some accomplishments from the past year:
 - research evidence based programs preventing violence across the lifespan for inclusion in a curriculum
 - identified two pieces of legislation to be introduced and/or supported through advocacy: entering the DNA results of all sexual assault kits into CODIS (currently kits are stored but no testing is done until and unless the case goes to trial) and; eliminating language that prevents gun ownership for perpetrators of domestic violence crimes only if the victim is a spouse, household member, or has a child with the perpetrator. This new legislation supports restricting gun ownership for anyone who has perpetrated domestic violence regardless of relationship to the victim.

J.J. Sylvia IV

COMMUNICATIONS MEDIA

Scholarship

- HASTAC Scholar (2014-2018)

PUBLICATIONS

- "The Future of Critique: Mark Andrejevic on Power/Knowledge and the Big Data-Driven Decline of Symbolic Efficiency," *International Journal of Communication*, 2016. Vol. 10. 3230-3240. Co-Authoring with Mark Andrejevic.

CONFERENCE PRESENTATIONS

- "Using Comics in the Classroom to Make the Abstract Ideas of Philosophy and Critical Theory Concrete." Comics and Popular Arts Conference, Atlanta, GA, September, 2016.
- "A Deleuzian Concept of Information: Implications and Impacts for Communication and Media Studies." National Communication Association Conference, Philadelphia, PA, November, 2016.
- "Ontological Disobedience: Using Critical Making and Citizen Science to Remix the Assemblage." Communication, Rhetoric, and Digital Media Annual Symposium: *The ReMIX: Multimedia and Intersectionality in Culture, Communication and the Academy*. North Carolina State University, Raleigh, NC, March, 2017.

- "Émilie Du Châtelet: Connecting Feminist Epistemological Influence on Early Modern Science to Communication Studies." International Communication Association Conference, San Diego, CA, May, 2017.

WORKSHOPS

- "Introduction to Code/Art and Open Data Visualization" Summer Workshop for DH@Guelph, University of Guelph, Ontario, Canada, May, 2017.

Community Service

- Reviewer for International Communication Association conference
- Reviewer for *The Journal of Interdisciplinary Studies in Education*
- Mentor for advanced debate students at Cary Academy, Cary, NC in preparation for Ethics Conference on the topic of "Privacy, Security, and Convenience: The Ethics of Data Collection in the Age of Terrorism and Google."

Elisabet Takehana

ENGLISH STUDIES

Scholarship

CONFERENCE PRESENTATIONS

- "The Digital and the Baroque: Confronting Hyper-Representation." ELO (Electronic Literature Organization), Porto, Portugal, July 2017
- "Mise en Abîme Mediascape: The Book in Code and Code in the Book." SHARP (Society on the History of Authorship, Reading, and Publishing) 25th Annual Convention, Victoria, British Columbia, Canada, June 2017

Donald Tarallo

COMMUNICATIONS MEDIA

Creative Activity

- Poster exhibition, 9th United Designs Liechtenstein 2017, Litchenstein National Museum
- Release of three new original typefaces on MyFonts.com (Monotype Corporation), Fontspring.com, YouWorkForThem.com— typeface names: FormPattern, Poeta, Poeta Color

Community Service

- Graphic Designer for Community MusicWorks, Providence
- Graphic Designer for diverse community non-profits concerned with improving the Blackstone River with grant support from the Massachusetts State Division of Ecological Restoration
- ARTES (Art as a Vehicle for Education and Social Inclusion), Belgium, associate member

Teresa Fava Thomas

ECONOMICS, HISTORY, AND POLITICAL SCIENCE

Scholarship

BOOK CHAPTER

- "German Immigration to Fitchburg, Massachusetts," in *Kleve am Niederrhein und Fitchburg in Massachusetts – Partnerstädte*, [Book commemorating the 25th anniversary of the Sister City Partnership between Kleve, Germany and Fitchburg, Massachusetts], author/editors Kurt Kreiten and Kurt Michelis, (Kleve, Germany: Edition Wasserburg, 2017).

CONFERENCE PRESENTATION

- "Facing the Enemy: Italian Clergy Under Occupation and the Peace Plan of Pope Benedict XV," Italian American Studies Association Conference, Washington, D.C., November 3, 2017.

BOOK REVIEW

- Review of Francesco Durante and Robert Viscusi, *Italoamericana The Literature of the Great Migration 1880-1943*, first English edition, (Fordham University Press and Mondadori di Italia, 2014) in *Journal of American Ethnic History*, University of Illinois Press, Volume 36, #4, Summer 2017, 108-9.

Community Service

PUBLIC LECTURES

- Invited public lecture, *The Reluctant Migrants: Migration from the Italian Veneto to Central Massachusetts*, Jacob Edwards Public Library, Southbridge, Massachusetts, October 26, 2017. Also available as: https://www.youtube.com/watch?v=a55qIR7su6o&feature=em-subsub_digest
- Invited public lecture, *The Reluctant Migrants: Migration from the Italian Veneto to Central Massachusetts*, Lunenburg Public Library, Lunenburg, Massachusetts, March 22, 2017.

Samuel Tobin

COMMUNICATIONS MEDIA

Scholarship

- "Only Eternal War: Oldhammer" paper presentation at the Extending Play Conference, Rutgers University 10/1/2016
- "The Bodies of the War-gamer or What it's Like to be a Space Marine" paper presentation at the 38th annual Southwest Popular/American Culture Association meetings, Albuquerque, New Mexico, 2/16/16

Kisha Tracy

ENGLISH STUDIES

Scholarship

BOOK

- *Memory and Confession in Middle English Literature.* New Middle Ages. Palgrave, 2017.

COLLECTION EDITED

- *Teaching the Middle Ages and Renaissance with New Techniques and Technologies.* Ed. Kisha Tracy. *Studies in Medieval and Renaissance Teaching (SMART)* 24.1 (2017).

ARTICLES

- "A Community of Grieving Readers: *The Book of the Duchess.*" *Reading Medieval*, Open Access Companion to the *Canterbury Tales*. Web. 805 words.
- Covino, Katharine, and Kisha Tracy. "Making the Invisible Visible." *Hybrid Pedagogy* (27 Sept. 2017): n. pag. Web. 3128 words.
- "Why Is This Important?" *The Open Faculty Patchbook*. Peterborough, Ontario: Fleming College, 2017. 73-80.
- "Introduction: Medievalists on the Pedagogical Edge." *SMART* 24.1 (2017): 7-9.
- "Navigating Strategies for Teaching Medieval Literature with Google Maps." *SMART* 24.1 (2017): 45-60.
- "Confessions of a Self-Taught College Instructor: Embracing the Scholarship of Teaching and Learning." *Hybrid Pedagogy* (13 Sept. 2016): n. pag. Web. 2093 words.
- Tracy, Kisha, Jessica Blouin, Sarah Farrell, Rebecca Johnson, and Kathleen Morrissey. "Chaucer Pilgrimage Site: Pedagogical Benefits of Combining Physical and Digital Learning Spaces." *The Leaflet*. New England Association of Teachers of English. 113.1 (2016): 11-18.

CONFERENCES

- Co-Presenter, "Self-Violence, Mental Illness, and Mary of Oegines"; 38th Annual Medieval and Renaissance Forum, "Culture and Violence"; Keene State College; April 2017
- "Teacher-Photographer: Transforming Perceptions of Cultural Heritage with Image"; Global | Local: Experiments in the Arts and Humanities; Bard College; March 2017
- "Students Are People Too"; 46th Annual Conference of the International Society for Exploring Teaching and Learning; Salt Lake City, UT; October 2016
- "Four of a Kind: Active, Creative, Reflective, and Relative"; 46th Annual Conference of the International Society for Exploring Teaching and Learning; Salt Lake City, UT; October 2016

COLLOQUIA

- Co-Panelist/Facilitator, "Engaging with Online Pedagogy," Development Day; September 2017

- Presenter, "More Than Required Reading: Revising Your Syllabus and Learning Outcomes," Development Day; January 2017
- Invited Presenter, "Student Engagement," Teaching at Teaching-Intensive Institutions, Cross-Sector Partnership; UMass Boston; October 2016

SERVICE LEARNING PROJECTS

- Cultural Heritage through Image: <http://culturalheritagethroughimage.omeka.net/>

Community Service

- Assistant, Self-Defense Seminar for Women, Concord Self-Defense Academy
- Martial Arts Instructor, Walden Street School, Concord, MA; February 2017 - Present
- Guest Co-Speaker, "Creation Myths: Native Americans and Around the World"; Dahlgren Elementary School, IL; December 2016

Susan Wadsworth

HUMANITIES

Scholarship

- 2017 Chinese Studies Institute--Zhixing China Academic Impact Fellowship, three weeks of travel in China in June.

Creative Activity

GROUP AND INVITATIONAL EXHIBITIONS

- Members Winter Show, SVAC, Manchester, VT Nov. 2017-Jan. 2018
- Summer Members Show, SVAC, Manchester, VT, 2017.
- "Well Being" at the Healing Arts Gallery, Monadnock Community Hospital, a WCA/MA exhibition, June-August, 2017
- "Earth Day" Sitka Gallery, Fitchburg, MA. April 22 – May 27, 2017.
- Winter Member Show, Southern Vermont Art Center, Manchester VT 2016-2017.

Amy Wehe

MATHEMATICS

Scholarship

- Book Published: *Informal Geometry, Second Edition* (Kendall Hunt, 2017).
- Contributing editor: ILAS Image, publication of the International Linear Algebra Society (ILAS).

PRESENTATIONS

- "Journey to Active Learning." Fall 2016 Conference of the Northeastern Section of the Mathematical Association of America, Trinity College, Hartford, CT, November 18-19, 2016.
- "Practical Tips for Creating an Active Learning Culture." CTL Celebration of Teaching Poster Session, Fitchburg State University, March 23, 2017.
- "Growth Mindset—Mathematics." Fitchburg State University Development Day, September 1, 2016.

Community Service

- Community member of the School Council at Northwest Elementary in Leominster, MA.
- Organized and facilitated Middle School Math Circle at McKay Arts Academy with the help of several Fitchburg State University students.
- Organized German Table "Stammtisch" at Fitchburg State University.
- Administered the American Mathematics Contest 8 (AMC 8) at Fitchburg State University
- Administered the administration of the American Mathematics Contest 10/12 (AMC 10/12)
- Represented Fitchburg State University in the Mass Transfer Pathways/Math Transfer Pathways Project, including aligning mathematics core syllabi with other state universities, community colleges and universities and discussing multiple pathways for both college level and developmental mathematics.

Daniel Welsh

BIOLOGY / CHEMISTRY

Scholarship

- First author publication appeared in the August 2017 volume of the *Journal of Zoology*. The manuscript, entitled "Condition-dependent reproductive tactics in male smallmouth bass: evidence of an inconsistent birthdate effect on early growth and age at first reproduction", found evidence that reproductive decisions in the smallmouth bass (a freshwater fish species) is effected by the environment (in the form of seasonal variability in timing of hatching and early growth).
- Along with colleagues from several disciplines on campus, completed the first year of a three-year grant from the Lloyd G. Balfour Foundation to focus on the health of the Nashua River and the role of the river in the life of surrounding community. Dr.Welsh's role in the project focused (and will continue to focus) on the biological condition of the river by exploring the health and diversity of the fish community. Working with several students this past summer, new insights into the patterns of species distributions along the Nashua River were documented.

Richard Wiebe

BEHAVIORAL SCIENCE

Scholarship

- Three publications in peer-reviewed journals
- Wiebe, R. P., Griffin, A. M., Zheng, Y., & Harris, K. S., and Cleveland, H. H. (in press). Twelve steps, two factors: Coping strategies moderate the association between craving and daily 12-step use in a College Recovery Community. *Substance Use & Misuse*.
- Cleveland, H. H., Griffin, A. M., Wolf, P. S. A., Wiebe, R. P., Schlomer, G. L., Feinberg, M. E., Greenberg, M. T., Spoth, R. L., Redmond, C., & Vandenberg, D.



- J. (in press). Transactions between substance use intervention, the oxytocin receptor gene (OXTR), and peer substance use predicting youth alcohol use. *Prevention Science*.
- Cleveland, H. H., Schlomer, G. L., Vandenberg, D. J., & Wiebe, R. P. (2016). Gene x intervention designs. *Criminology & Public Policy*, 15, 711-720.

PEER-REVIEWED CONFERENCE PRESENTATION

- Wiebe, R. P., Griffin., A. M., & Cleveland, H. H. (2017, April). *Candidate gene by intervention (cGxl) research and public policy: Beware the slippery slope*. Society for Research in Child Development, Austin, TX.

Danielle Wigmore

EXERCISE AND SPORTS SCIENCE

Scholarship

- Designed and implemented a research study examining physical activity habits in college students. An abstract for this work was submitted to the annual meeting of the New England Chapter of the American College of Sports Medicine.
- Worked with a diverse group of faculty and students on a student-faculty collaborative research project examining the relationships between individuals' awareness of parks and recreation facilities, physical activity behaviors, and health indicators. This project was supported by a multi-year grant from the Lloyd G. Balfour Foundation. Abstracts for this work were submitted to the annual meeting of the New England Chapter of the American College of Sports Medicine and the Active Living Research Conference.



HAMMOND HALL