



Community of Scholars

PROFILES OF FACULTY SCHOLARSHIP

HIGHLIGHTS OF RESEARCH, PUBLICATIONS & CREATIVE ACTIVITY

September, 2017—December, 2018



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.



The Art of Teaching

Katharine Covino stresses the importance of critical pedagogy in the future teachers she is mentoring, as well as in herself.

“It’s about helping teachers, and people who are going to be teachers, learn to think critically,” said Covino, who joined the English Studies faculty in 2015. “It’s asking yourself, ‘How do I perform teacher as a new teacher?’ I definitely view teaching as a performance art.”

These are themes she has explored in her research, including “Intrapersonal Tensions: Teachers in Conflict with Themselves” published in the *New England Reading Journal*, and her upcoming book chapter, “‘It’s Just Not What I Thought it Would Be:’ Student-Teacher Identity at the Intersection of Theory and Practice,” which she shared at the National Council of Teachers of English annual conference.

Covino’s work is informed by her own experiences teaching at the middle and high school levels before she went into higher education. While a member of the English Studies Department at Fitchburg State, Covino’s students include teacher candidates looking to practice in middle and high school. Her experience allows her to identify with the anxieties those new teachers are facing.

“You’re a better teacher if you’re vulnerable and show you’re still a learner,” she said. “Teachers shouldn’t need to feel like they have to establish dominance right away.”

In her own practice, Covino enjoys the diverse learners in her classes at Fitchburg State. “My job is to meet every student where they are and help them make individualized progress and growth,” she said. “Teaching is my calling.”

She is also passionate about gender studies and feminism, which have been recurring topics of Covino’s work since her undergraduate studies. Recently, she presented ‘Struggling with Feminist Ways of Knowing—Pedagogical Reflections from University-level Gender-focused Class’ with a



Katharine Covino
ENGLISH STUDIES

colleague from Fitchburg State University at the New English Philosophy of Education Society. The current political climate has thrust the topics into the mainstream cultural conversation, as seen in the

#MeToo movement and efforts to hold people accountable for their conduct. “People are listening to women in a way they weren’t before,” she said. “Women and allies have been galvanized in a way I’ve never seen.”

But exploring potentially sensitive topics in the classroom requires civility, and that’s something Covino said all educators must model for their students. Too much of the public discourse descends into insults and name-calling, she said. “Cultural competency is hugely about care,” she said. “Students want to know that you care about them. Teaching and modeling care for others should be a core value of teaching—no matter the level of instruction.”

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Adem Elveren
ECONOMICS, HISTORY
AND POLITICAL SCIENCE

Where Economics Meets Gender

Adem Elveren is interested in where economics meets gender, and he saw evidence of that impact in his own home in his native Turkey. All of his brothers have graduate degrees, but his sister wasn't able to complete high school.

"People think (economic) policies are gender-neutral, but that's not true," said Elveren, who has been a member of the Economics, History and Political Science faculty since 2015. Factoring in gender issues with economic theory is unusual in a field that seems to focus more on monetary policy than the "soft" side of the science, he said, and that's fine with him. "I never felt attracted to study something that everyone else is already studying."

This factor has contributed to one of the areas Elveren has studied extensively, which is the "brain

drain" experienced in Turkey in the last several years. Since the failed coup attempt in 2016, the halls of academia have been hit hard. Left-leaning professors were expunged and forced to find work elsewhere, often in the United States. Elveren said the result has degraded Turkish universities, and generations will suffer for the loss of academic opportunities in the purge's wake.

"It's the worst in the history of Turkey," he said. "They totally destroyed the concept of a university. Brain drain is inevitable if you're a developing country, but these people had to leave, or even worse they were 'condemned to civil death' in Turkey. You can't see the effect in the short term, but in the long term it will affect development."

Elveren explores these topics in greater detail in his book chapter "The Brain Drain Literature in Turkey and a Survey (in Turkish)" and his forthcoming journal article "Hidden Gender Dimensions of the Brain Drain: the Case of Turkey."

Another of Elveren's scholarly interests is the effect of military spending on overall profit rates.

The literature suggests the contradictory mechanisms through which military spending affects the economy in general and, in particular, the rate of profit. Elveren makes an original theoretical and empirical contribution to that literature, showing if military expenditure counteracts any tendency of the rate of profit to fall and if countries that produce arms – like the United States—enjoy more benefit from military spending than those that only buy weapons.

Elveren's analysis will be the topic of his next book, "The Economics of Military Spending, a Marxist Perspective," being published by Routledge in June 2019.

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Modeling Mathematics

Ben Levy, a member of the Mathematics Department faculty since 2016, has always enjoyed being at the intersection of mathematics and science. As an undergraduate, he noticed the divide between mathematicians who sought to apply their discipline to practical matters and those that dwelt in “pure” math. Both have their adherents, Levy said, but his long-term interest in science led him down the applied path.

He found his way into mathematical modeling of biological systems and it has become his passion. Most of his projects involve modeling population dynamics or disease spread using mathematical modeling methods. “This usually means that I work with specialists that know a lot about the biology or scenario I am modeling,” he said. Levy collaborated with park rangers and geographic information system experts studying the spread of disease in wild boar populations in the Great Smoky Mountains National Park, for example, that led to the publication of “Evidence for Multiple Transmission Routes for Pseudorabies in Wild Hogs” in Mathematics of Planet Earth Special Edition on Infectious Disease Modeling.

Levy has also collaborated on projects tracking the spread of ebola in West Africa. Modeling the spread of the disease can be helpful in educating people about how to avoid the disease, as well as when to offer that education.

That work was published in “Exploratory Investigation of Region Level Risk Factors of Ebola Virus Disease in West Africa.”

His African projects have also included modeling elephant herds in Kenya.



Ben Levy
MATHEMATICS

“That’s the beauty of math modeling. All of the projects that I’ve done have some outcome that can be useful for decision-makers ...”

Closer to home, Levy has been able to include Fitchburg State undergraduates in his research. Last year, he worked with math student Kristen Windoloski ’18 and faculty member John Ludlum (Biology) to model diamondback terrapins in South Carolina, and this coming summer he will be working on the

university’s research projects about the health of the Nashua River.

“That’s the beauty of math modeling,” he said. “All of the projects that I’ve done have some outcome that can be useful for decision-makers, like the World Health Organization or park

rangers. My projects tend to be ‘question-driven,’ where I identify a question that modeling can help answer, then partner with people that have data or knowledge of the system to help guide the modeling process. We can use math to address lots of problems outside the realm of math.”



Viera Lorencová
COMMUNICATIONS MEDIA

Mentorship and Media

Viera Lorencová enjoys mentoring Fitchburg State students who seek the opportunity to conduct research. For the past three years, Lorencová, a member of the Communications Media Department since 2006, has helped lead undergraduate students in paid research posts analyzing the health of the Fitchburg community as part of the Summer Research Collaborative Experience.

“Conducting interdisciplinary, community-based research is not something we usually get to do during the regular semester,” she said. “I find it gratifying to see how students grow with these projects. Getting to know the neighborhoods, connecting with the community, discovering passion for research; it’s been very meaningful.”

The students are able to practice research skills (like interviews and surveys) that Lorencová honed as a journalist in Slovakia, where she worked for Slovak Public Radio. Her work in journalism demonstrated the media’s powerful potential

to foster social change, as she saw when she hosted a show devoted to feminist exploration of gender issues.

She has continued that work as a media scholar, most recently in her research study, “Self-Exploration of Sexual Difference and Queer Subjectivity in Slovak LGBTQ Print Periodicals,” as well as in conference presentations like “Media Production by Slovak LGBTQ Activists: Carving out Spaces of Identity Expression, Belonging and Social Movement Mobilization” that she gave in May 2018 at the International Communication Association’s 68th annual conference in Prague.

Gender equality is a global concern, though signs of change are on the horizon. Slovakia has elected its first female president, and the 116th Congress has the most women in US history.

“The struggle for gender equality and the recognition of LGBTQ rights is far from over, but I do see more openness,” Lorencová said, including on the Fitchburg State campus. “Our students are more informed, and more open to talk freely about gender expression, LGBTQ rights, and their search for identity. Most feel that our campus is a safe place, which is particularly important for LGBTQ+, gender

variant and nonbinary-identified students who feel at home here. This is significant.

“I approach this subject through media representation,” she continued. “There’s a much stronger trend now toward more diverse and authentic representation. Critical exploration of media

representation matters. This is the area of media studies that I am interested in, where I see the continuity in my personal trajectory, from starting as a reporter to becoming a communication and media studies scholar. I believe that media have the potential to affect us on a deeply personal level—they can fuel creativity, introduce new ideas, challenge stereotypes, shed light on injustice, and ultimately, contribute to social change.”

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Soumitra Basu

INDUSTRIAL TECHNOLOGY

Scholarship

- “Engineering Technology Curriculum Development Using a 7 Step Backward Design Formalism.” CTL Presentation. March 20, 2018.
- “Curriculum Development—Backward Design.” Development Day Faculty Research Symposium. May 21, 2018.
- Ongoing collaboration with William Paterson University (New Jersey) on Economic Feasibility of Stirling Engines for generating electricity from waste heat (Soumitra Basu, Peter Ciazzo, Sam Basu).

Creative Activity

- Sustainable Net Zero Housing. An Undergraduate Research Project in the Industrial Technology Department with students.
- Collaborated as faculty supervisor in prototyping a modular 3D printed structure incorporating design features for automated cooling and heating. The work was presented at:
 - Undergraduate Conference for Research and Creative Practice at Fitchburg State University on April 6, 2018.
 - ITEC Student’s Design and Project Competition (Industrial Technology Department Fitchburg State University) on April 17, 2018. (2nd prize winners)
 - Undergraduate Research Conference organized by the Commonwealth Honors College. UMASS/Amherst, April 27, 2018.

Community Service

- Ongoing participation on Transportation Needs assessment with Montachusett Regional Planning Commission (MRPC) and North Central Massachusetts Community Health Improvement Plan (CHIP) and collaborating parties—Transportation and Access Priority Area.

DeMisty Bellinger-Delfeld

ENGLISH STUDIES

Scholarship

- “Identity, Trauma, Legacy: The Life and Work of Alice Dunbar-Nelson, Muriel Rukeyser, and Tracy K. Smith.” Served on a panel and read my paper “The Ordinary as Resistance in Trauma” at the Triennial Society for the Study of American Women Writers, November 8, 2018.
- “Such a Nasty Woman: Poets Respond with Nasty Verse,” Served on a panel at the New Hampshire Poetry Fest along with five other poets, September 15, 2018.
- “Nasty Women Poets: A Reading and Panel Discussion of Unapologetic, Subversive, Feminist Verse.” Served on a panel at the Massachusetts Poetry Festival along with four other poets, May 5, 2018.

Creative Activity

SHORT STORIES

- “Whisper Network.” *Midnight & Indigo*, February 2019.
- “The Ballad of Frankie Baker.” *Little Fiction | Big Truths: The Flash Issue*. Also, nominated for Best Little Fictions.

ESSAYS

- “Higher and Deeper.” *Wildness*, August 2018.
- “Juneteenth: Now More Than Ever.” *The Big Smoke*, June 2018.
- “#ClaraToo.” *The Rumpus*, May 2018.
- “Falsetto Doo-Wop.” *Blue Fifth Review: Twin Peaks: Another Dossier*, April 2018

POEMS

- “Nights Spent Flying.” *The Coil Magazine*, August 2018. Also, nominated for a Pushcart.
- “The Squirrel Poem,” “Animals with Bad Backs,” and “Phoenix” in *Eureka Literary Magazine*, 2018.
- “Brutal” in *Blue Fifth Review*, May 2018. Also, nominated for Best of the Net.

Jennifer Berg

MATHEMATICS

Scholarship

RESEARCH IN PROGRESS

- “Co-requisite Instruction in a Gateway Math Course for Pre-Service Teachers—Just in Time, or Too Late?” with Sarah Wright, Assistant Professor, Mathematics.
- “Math Talk: Oral Exams in Upper-Division Mathematics Courses”

PUBLICATIONS

- “MSCA’s Findings on Gender-Bias in Full-Time Faculty Salaries: Data Analysis Toward Deeper Understanding” MSCA website, October 2017.



PRESENTATIONS

- “Specifications Grading in an ILB-ish Abstract Algebra Course”—Joint Mathematics Meetings, San Diego, CA, 2019.

OTHER PROFESSIONAL ACTIVITIES

- Reviewer - Department of Elementary and Secondary Education (MTEL Objective Review).
- Reviewer - Educational Testing Service.
- Reviewer - “Numeracy.”
- Reviewer - “PRIMUS - Problems, Resources, and Issues in Mathematics Undergraduate Studies.”

Community Service

- Member: Board of Trustees, Sizer School, Fitchburg, MA.

Lilian Bobea

BEHAVIORAL SCIENCES

Scholarship

PUBLICATIONS

- Co-authored with Dr. Cyrus Veese (Bentley University) the forthcoming chapter “Guerrilla Movement in the Dominican Republic,” which will appear in the book *Latin America Guerrilla Movements: Origins, Evolution, Outcomes*, edited by Dirk Kruijt, Eduardo Rey & Alberto Marin, forthcoming with Routledge, USA.
- Co-authored the forthcoming chapter “A Very Well-Established Culture: Cocaine Market Self-Regulation as Alternative Governance in San Juan, Puerto Rico,” to appear in the book *The Moral Economy of the Cocaine Trade*, edited by Desmond Arias and Thomas Grisaffi.

Community Service

- Since June 2017 and for the next five years, serving as Mandate Holder and Independent Expert for Latin America and the Caribbean for the United Nations Human Rights Office of the High Commissioner on the Working Group on the use of Mercenaries as a Means of Violating Human Rights and Impeding the Exercise of the Right of Peoples to Self-Determination.

Andrew Chan

BUSINESS ADMINISTRATION

Scholarship

PUBLICATIONS

- Chan, Andrew (sole author). “The Role of Cash Holdings, Working Capital, Dividend Payout on Capital Investment.” Lead article in the *Journal of Applied Business Research*. Volume 34, Number 3 (May - June) 2018, 419-426.
- Chan, Andrew (sole author). “An Analytical Model of Audits and Pro Forma Earnings” Working paper; has been submitted to the *Journal of Applied Business Research* for a peer-review in consideration for publication.

Katharine Covino

ENGLISH STUDIES

Scholarship

PUBLICATIONS

- Covino, K. (2018). Intrapersonal tensions: Teachers in conflict with themselves. (*New England Reading Journal*).
- Covino, K. (2018). Identity and literacy learning: Helping children identify as successful literacy learners. *MRA Primer Calendar*.
- Covino, K., Lorencova, V., and Urbanski, H. (2017). Including women, gender, and sexuality studies into teaching in the humanities and social sciences. *NEFDC Exchange*.
- Tracy, K & Covino, K. (2017). Making the invisible visible. *Hybrid Pedagogy*.

PRESENTATIONS

- “It’s Just Not What I Thought it Would Be: Student-teacher Identity at the Intersection of Theory and Practice,” NCTE (National Council of Teachers of English) Annual Convention, November 15-18, 2018.
- “Struggling with Feminist Ways of Knowing—Pedagogical Reflections from University-level Gender-focused Classes,” NEPE Conference, October 20, 2018.
- “So, You’re Afraid of Poetry—Three Accessible and Classroom-tested Avenues for Using Poetry to Help Students Find and Use Their Voices in Secondary and Post-Secondary English Classes,” NEATE (New England Association of Teachers of English), Mansfield, MA - October 19, 2018.
- “Sowing New Ground: A Reflective Discussion of Critical Literacy and Civic Engagement in a Diverse, Urban, Elementary School—A Longer Conversations,” MACURE (Massachusetts Association for College and University Reading Educators Research Roundtable) Luncheon, June 1, 2018.
- “Sowing New Ground: A Reflective Discussion of Critical Literacy and Civic Engagement in a Diverse, Urban, Elementary School,” Massachusetts Association for College and University Reading Educators Research Roundtable, MRA Conference, April 10, 2018.
- “Bringing Critical Literacy into YOUR Classroom: An Interactive Workshop for Literacy Educators Interested in Infusing Critical Literacy Pedagogy into their Ongoing Teaching,” Literacy Essentials Conference, Central Connecticut State, April 7, 2018.
- “Gendered Pedagogies: Classroom Practices Where Gender and Teaching Intersect,” Lead(h)ership Conference: Women in the Workplace, Fitchburg State University, March 30, 2018.
- “#MeToo/#IHave: Censorship, Freedom of Expression, and Sexual Violence—From Social Media to Classroom Texts and Discourse,” Sigma Tau Delta Convention, March 21-24, 2018.

- “In Our Culture Sometimes Boys Wear Skirts: How Critical Literacy Pedagogy Empowers Students to Challenge Traditional Interpretations and to Consider Texts Through Their Own Cultural Lenses,” ALER Conference, November 4, 2017.
- “Who’s Leading This Discussion, Anyway?: What Empowering Students Means for Critical Literacy Teachers,” ALER Conference, November 3, 2017.
- “Teaching Gender Studies in a Fragmented and Fraught Political Era,” NEPE Conference, October 21, 2017.
- “Graphic Novels: The Unicorn of Literary Instruction,” NEATE (New England Association of Teachers of English), Mansfield, MA, October 20, 2017.

Community Service

LEADERSHIP/SERVICE POSITIONS

- Nominated and accepted 3-year term on NCTE (National Standing Committee Against Censorship) (2018 - 2021)
- Elected to (by township-wide vote) and served on the Bromfield School Council (2018 - 2021)
- Elected to (by township-wide vote) and served on the HES (Hildreth Elementary School) School Council (2017—2020)
- Served on the MRA (Massachusetts Reading Association) Student Membership Committee (2018 - Present)
- Served as the secretary for MACURE (Massachusetts Association of Colleges and University Reading Educators) (2017—2019) Member in good standing (2015—Present)
- Served on the Executive Committee of NEPE (New English Philosophy of Education Society) (2013—Present) Member of the Review Committee for the NEPE Annual Meeting (2017), Secretary (2015—2017), Member at Large (2013—2015, 2017—2019), Member in good standing (2012—Present)
- Served as an officer on the MVRRC (Merrimac Valley Regional Reading Council) President (2015—2017), President-elect (2014), Secretary (2013—2017), Research Committee Chair (2012), Member in good standing (2012—2017)

Danette Day

EDUCATION

Scholarship

PRESENTATIONS

- “Micro-aggressions in the College Classroom,” Professional Development Day. Fitchburg State University, September 4, 2018.

PANEL

- Moderator: Distinguished Panel, “MLK’s Unfinished Business: Removing Barriers to Equity, Justice and Peace.” Fitchburg State University, February 1, 2018.

WORKSHOPS

- MTA Division of Training and Professional Development, “Racism, ELL, and Special Needs: Applying a Critical Pedagogy Model,” Mountview Middle School, Holden, MA, March 2, 2018.

Creative Activity

- Project Soar: Fitchburg State Capstone class contributed to 64-foot long paper airplane. Revolving Museum, Fitchburg, MA, January 29—June 9, 2018.

Community Service:

- Martin Luther King Recognition, Fitchburg State University, September 2017—January 2018.
- United Way Day of Caring, Page Hill Top School, Ayer, MA, September 2018.
- Fitchburg Superintendent Search Committee, Fitchburg, MA, September—December 2018.
- Career Panel Gateway to College Dual Enrollment/Scholarship Program, Mount Wachusett Community College, Gardner, MA, December 7, 2018.

Adem Elveren

ECONOMICS, HISTORY, & POLITICAL SCIENCES

Scholarship

PUBLICATIONS

- Book: *Brain Drain and Gender Inequality in Turkey*. Palgrave Pivot. 2018.

JOURNAL ARTICLES

- “The Pious Predator State: The New Regime in Turkey”. *Challenge*, 61 (1): 85-91, 2018.
- “The Effect of Military Expenditure on Profit Rates: Evidence from Major Countries” (with Sara Usu) *World Journal of Applied Economics*, 4 (2): 75-94, 2018.

BOOK CHAPTER

- “The Brain Drain Literature in Turkey and a Survey (in Turkish)” (with Gülay Toksöz), in *Gürhan Fişek’in İzinde Ortak Emek Ortak Eylem*, Siyasal Kitabevi, Ankara, 2018.

WORKING PAPERS

- “The Effect of Military Expenditures on the Profit Rates in Turkey” (with Gökçer Özgür), *MPRA* No: 88848, 2018.
- “Do Military Expenditures Boost Profit Rates?” (with Rachel Dunning, Advisee), *MPRA* No: 81143, 2017.
- “Why Don’t Highly Skilled Women Want to Return? Turkey’s Brain Drain from a Gender Perspective” (with Gülay Toksöz), *MPRA* No: 80290, 2017.

PRESENTATION

- Presented a paper entitled “The Effect of Military Expenditures on the Profit Rate” at the URPE 50th Anniversary Conference and Celebration. University of Massachusetts, Amherst, 2018.
- Presented a paper entitled “The Pious Predator State: Gender and Brain Drain in Turkey” at 27th IAFFE Annual Conference. SUNY-New Paltz, 2018.

- Gave a talk entitled “The Pious Predator State: The New regime in Turkey” at the Institute for the Studies of Muslim Societies and Civilizations. Boston University, 2018.

Community Service

- Visiting Researcher at the Institute for the Studies of Muslim Societies and Civilizations, Boston University, since June 2017.
- Reviewer for *Feminist Economics, Review of Radical Political Economics, Structural Change and Economic Dynamics*.
- Served as a member of the scientific committee for the 22nd Annual International Conference on Economics and Security, June 27-30, 2018. Middle East Technical University, Güzelyurt (Morphou) in Northern Cyprus.
- Member of the Editorial Board of Economics Literature.

Steven Fiedler

BIOLOGY/CHEMISTRY

Scholarship

CONFERENCE PRESENTATION

- “Validation and a metric of convergence for exact Diatomics-In-Molecules (DIM) calculations” 256th National Meeting and Exposition of the American Chemical Society, Boston MA, August 2018.

Community Service

- Chair-elect for the Central Massachusetts Section of the American Chemical Society, 2018.

Jane Fiske

HUMANITIES

Scholarship

PRESENTATION

- “Teach Critical and Creative Thinking Skills by Playing an Instrument,” presented at the Thirteenth International Conference on The Arts in Society, at the Emily Carr University of Art and Design, in Vancouver, BC Canada, (June 2018).

Creative Activity

- Performed at the annual Women in the Arts Event at Fitchburg State University, (March 2018). The piano four-hand work, *Pieces Romantiques, Op. 55* (1890), by French composer Cecile Chaminade (1857—1944) was performed with pianist Cynthia Schilling. In addition, Dr. Fiske performed as piano accompanist for a performance of the popular song *Hero*, words and music by Mariah Carey and Walter Afanasieff, with vocalist Sofia Battle (FSU 2018 alumna).



Renée Fratantonio

AMELIA V. GALLUCCI-CIRIO LIBRARY

Scholarship

PRESENTATION

- “Grappling with the Political Future of Fake News” at Eastern Communications Association conference. Panelist with Dr. J.J. Sylvia, Dr. Kyle Moody, and Dr. Wafa Unus.

Lisa Gim

ENGLISH STUDIES

Scholarship

Organized, directed, and hosted “The Undergraduate Shakespeare Conference—Shakespeare for All Time,” held at Fitchburg State University, April 28, 2018. This competitive admission conference, funded by a Strategic Grant from Fitchburg State, featured students presenting original papers on Shakespeare from Harvard, Wellesley, Tufts, Holy Cross, Clarke, UMass Boston, in addition to our students from Fitchburg State. This all day conference included a presentation by Shakespeare scholar, Helen Whall.

Meledath Govindan

BIOLOGY / CHEMISTRY

Scholarship

- During spring 2018, while on sabbatical leave embarked on a project intended to strengthen the study-abroad agreements that Fitchburg State has with Zhejiang Gongshang University (ZGSU) in Hangzhou, China and Rhine-Waal University of Applied Sciences, Kleve, Germany. Spent approximately three weeks in the School of Food Science and Biotechnology and taught an intensive short course, Natural Products Chemistry, to a class of 17 first year Master’s level students. While at ZGSU, I held discussions with officials about possible ways to increase the exchange between our institutions.



Jonathan Harvey

HUMANITIES

Scholarship

- “Official State Rhetoric’: the Civic Motets of Adrian Willaert” presentation at College Music Society National Conference, Vancouver BC Canada, October 2018.

Creative Activity

- “and the birds keep singing...’: Choral Music of the Spanish-Speaking World” concert featuring the Pioneer Valley Symphony Chorus and Chamber Choir, Greenfield MA, November 2017.
- “Choral Kaleidoscope” concert featuring the choirs of Fitchburg State University, Fitchburg High School, Gardner High School, and Narragansett Regional High School, Weston Auditorium, December 2017.
- “Family Holiday Pops” concert featuring the Pioneer Valley Symphony Orchestra, Chorus, Chamber Choir, and Youth Orchestra, Greenfield MA, December 2017.
- “Spanish Guitar” concert featuring the Pioneer Valley Symphony Orchestra and Chorus, Greenfield MA, January 2018.
- Appointed Music Director of Summer at Sem Music Festival, Kingston PA, January 2018.
- “All-Night Vigil” concert featuring the Illuminati Vocal Arts Ensemble, Easthampton MA, February 2018.
- Appointed Music Director of Brattleboro Concert Choir, Brattleboro VT, February 2018.
- “Sing Me The Universal’: Music of Life and Death” concert featuring the South Hadley Chorale, Valley Winds, and Opus Singers, South Hadley MA, March 2018.
- “Symphonie Espagnole” concert featuring the Pioneer Valley Symphony Orchestra and Chorus, Northampton MA, March 2018.
- “Celebrations” concert featuring the South Hadley Chorale and Valley Winds, Belchertown MA, March 2018.
- “The Glory’: Music of Power and Conviction” concert featuring Fitchburg State Concert Choir, Chamber Choir, and Community Orchestra, Weston Auditorium, May 2018.
- “Capriccio Espagnol” concert featuring the Pioneer Valley Symphony Orchestra and Chorus, Greenfield MA, May 2018.
- “Sharing in the Spring” concert featuring the Pioneer Valley Symphony Chamber Choir, Amherst MA, June 2018.

Community Service

- American Choral Directors Association, Massachusetts Executive Board Collegiate Chair.
- Schenectady County Community College Choral Festival adjudicator, Schenectady NY, October 2017.
- Presentation to Springfield MA Rotary Club on “Music of Life and Death,” Springfield MA, November 2017.
- New Hampshire Music Educators Association Large Ensemble Festival adjudicator, Bow NH, March 2018.
- MassACDA Intercollegiate Choral Festival chair, South Hadley MA, March 2018.

- Visited Rheine-Waal University of Applied Sciences in Kleve, Germany with which we have an exchange program. Spent a week there teaching a class, attending several classes, and meeting with several faculty and administrators. As a result of this trip four professors from Rheine-Waal visited FSU in October 2018 to give guest lectures, meet with faculty, students and administrators.
- Spent two weeks in India teaching and exploring the possibility of establishing linkages with Indian universities. Taught classes and gave lectures at the Winter School of the Central Marine Fisheries Research Institute (CMFRI), Kochi, India, the National Centre for Aquatic Animal Health, Cochin University of Science and Technology (CUSAT), Kochi, India, St. Thomas College Postgraduate Department of Chemistry (University of Calicut), and at the Department of Microbiology, Kannur University, Thalassery, Kerala.
- Visited three recruitment agencies in India that specialize in recruiting Indian students to universities abroad to explore potential partnerships.

Robert Harris

COMMUNICATIONS MEDIA

Creative Activity

- Invited by LEF Foundation to introduce and conduct, at The Brattle Theater, a post screening conversation with renown filmmaker Abigail Child at The Doc Yard Screening of *Acts and Intermissions*, Child’s new experimental documentary on anarchist/activist Emma Goldman.
- *Personal Problems*, video narrative directed by Bill Gunn, written and produced by Ishmael Reed, on which I worked as cinematographer in 1983, is preserved and given limited distributed nationwide, and released on DVD. It is screened for one week at Boston’s Museum of Fine Arts.

- Music in the Parks Festival adjudicator, Holyoke MA, May 2018.
- Presentation to Fitchburg State Faculty Development Day on “The Civic Motets of Adrian Willaert,” Fitchburg MA, May 2018.
- Presentation to Hampshire Music Club on “Music of War,” Northampton MA, October 2018.

Michael Hoberman

ENGLISH STUDIES

Scholarship

PEER REVIEW ARTICLES PUBLISHED

- “To Prove the Correctness and Authenticity of My Statements: Solomon Nunes Carvalho’s Revision of the Western Travel Narrative.” *American Jewish History*, 102.2 (April 2018).
- “Parking the Ark in Niagara Falls: Mordecai Manuel Noah and the Imposition of Meaning in Jewish American Literary History.” *Studies in American Jewish Literature*, 37.1 (Spring 2018).
- “They have with faithfulness and care transmitted the Oracles of God unto us Gentiles.” Jewish kabbalah and text study in the Puritan imagination.

PUBLICATIONS

- *A Hundred Acres of America: The Geography of Jewish American Literary History*. Rutgers University Press, December 2018.

INVITED LECTURE

- Rice University, Houston. Invited speaker at “Kabbalah in America” conference (October 2018).

PRESENTATIONS

- “History’s Traitors: How Jewish Tories Trouble Early American Jewish Historiography.” Association for Jewish Studies Annual Conference, Boston, MA, December 2018.
- “Colonial Revival in the Immigrant City: The Invention of Jewish American Urban History, 1870-1910.” American Jewish Historical Society Biennial Scholars Conference, Philadelphia, PA, June 2018.

Michael Hove

PSYCHOLOGICAL SCIENCE

Scholarship

REFEREED JOURNAL ARTICLES

- Bowling, D. L., Ancochea, P. G., Hove, M. J., & Fitch, W. T. (2019). Pupillometry of Groove: Evidence for Noradrenergic Arousal in the Link Between Music and Movement. *Frontiers in Neuroscience*, 12, 1039.
- Comstock, D. C., Hove, M. J., & Balasubramaniam, B. (2018). Sensorimotor synchronization using auditory and visual modalities: Behavioral and neural differences. *Frontiers in Computational Neuroscience*, 12. doi.org/10.3389/fncom.2018.00053
- Hove, M. J. & Stelzer, J. (2018). Biological foundations and beneficial effects of trance. *Behavioral and Brain Sciences*, 41, e76.

- Balasubramaniam, R., Hove, M. J., & Médé, B. (2018). Factorization of force and timing in sensorimotor performance: Long range correlation properties of two different task goals. *Topics in Cognitive Science*, 10, 120-132.

CONFERENCE PRESENTATIONS

- Hove, M. J., Martinez, S., & Shorrocks, S. (2018). “The Impact of Physical Exercise on Music Appreciation”. Paper presented at the International Conference on Music Perception and Cognition, July. Montreal, QC, Canada.
- Hove, M. J. (2018). “The Impact of Physical Exercise on Music Appreciation.” Paper presented at the New England Sequencing and Timing, March. Storrs, CT.
- Hove, M. J., Habibi, A., Henry, M. J., Stelzer, J., & Cahn, B.R. (2018). “Neural correlates of rhythm induced trance: Evidence from fMRI and EEG.” Poster presented at Cognitive Neuroscience Society. March. Boston, MA.
- Hove, M. J., Habibi, A., Stelzer, J., & Cahn, B.R. “fMRI and EEG evidence for perceptual decoupling in rhythm induced trance.” Poster presented at Society for Neuroscience. Washington, D.C., November 2017.

Katherine Jewell

ECONOMICS, HISTORY, AND POLITICAL SCIENCE

Scholarship

PUBLICATIONS

- “Why one of punk’s icons is wearing a MAGA shirt” Op-ed in Made by History, *The Washington Post*, October 26, 2018.
- “How trade wars can mask the risk of real wars” Op-ed in Made by History, *The Washington Post*, March 14, 2018.
- “By turning their back on free trade, Republicans are returning to their roots,” Op-ed in Made by History, *The Washington Post*, December 8, 2017.
- “Why musical innovation will continue, even as local radio disappears” Op-ed in Made by History, *The Washington Post*, November 15, 2017.

CONFERENCE PRESENTATIONS

- “Regulating the ‘Collegiate Sound’: The FCC, Public Interest, and the Culture of College Radio in the 1960s,” Policy History Conference, Tempe, AZ, May 2018.
- “Champions of Dignity? The 1944 Democratic Party Platform,” Textual Turning Point: The Futures of 1944, Saint Mary’s University, Halifax, Canada, October 2017.
- Received a Visting Fellowship at the University of Connecticut Humanities Institute to complete the manuscript for my second book, *Live from the Underground: College Radio and the Culture Wars*.
- Presented my research at the University of Connecticut Humanities Institute in September 2018, as well as invited lecture at the Tamiment Library at New York University.

In 2017, I offered three public talks on issues of contemporary significance, offering historical perspective and analysis:

- “Vietnam Memory and the Public,” Bolton Public Library, September 2017.
- “Gay Rights in Historical Perspective,” opening talk for exhibit, Journey to Equality: The History of the LGBTQ Civil Rights Movement, Amelia V. Gallucci-Cirio Library, Fitchburg State University, October 2017.

Lynne Kellner

BEHAVIORAL SCIENCES

Scholarship

- Co-presented workshop “Immigration: Human Services’ Role during Times of Crisis” with students Fernando Antelo, Caitlin Cumingham, Michelle Davies, Emelie Primeau, and Katie Ross. New England Organization for Human Services Annual Conference, New Haven, CT, April 20, 2018.
- Council for Standards on Human Services Education: Vice President of Publications.

Mary King (Emerita)

BEHAVIORAL SCIENCES

Scholarship

BOOK

- Sweitzer, H.F., & King, M.A. (2018 March release). *The successful internship: Personal, professional, and civic development in experiential learning (5th ed.)*. Boston, MA: Cengage Learning.

BOOK CHAPTER

- King, M.A., & Sweitzer, H.F. (2018). Making experience matter: The high quality internship. In B. Berquist, K. & Moore, & J. Milano (Eds.), *Foundation Chapter. International internships: Mission, methods, and models*. Boston, MA: Academic Internship Council.

CONFERENCE PRESENTATIONS

- King, M.A., Sweitzer, H.F., & Giles, Jr., D.E. (2017, September) Beyond the divide between service-learning and internships: The civic development model. International Association for Research on Service-Learning & Community Engagement (IARSCLE) Galway, Ireland.
- King, M.A., & Sweitzer, H.F. (2018, June 8) The High Quality Internship: Integrating the Affective Domain. New England Faculty Development Consortium, Newton, MA.
- King, M.A., & Sweitzer, H.F. (2018, June 12). The Developmental Stages of an Internship: Embracing the Learning. Pre-conference session at the Global Internship Conference (GIC), Detroit, MI.
- King, M.A., & Sweitzer, H.F. (2018, June 14). The High Quality Internship: Learning Deeply and Widely through Experience. The Global Internship Conference (GIC), Detroit, MI.

- King, M.A., & Sweitzer, H.F. (2018, November 2). The High Quality Internship: Turning experience into Deep, Wide, Transformative Learning. 5th Annual Applied Learning Conference, State University of New York, Tarrytown, NY.

Community Service

- Hypersomnia Foundation, Atlanta, GA
Member, Board of Directors
hypersomniafoundation.org
- United Planet, Boston, MA
Member, Academic Advisory Group
unitedplanet.org

Megan Krell

BEHAVIORAL SCIENCES

Scholarship

PUBLICATION

- Krell, M. & Donohue, P. (2018). “Using Supervision Mapping to Enrich School Counseling Fieldwork Supervision.” *Journal for Counselor Preparation and Supervision*.

PRESENTATION

- Sheely-Moore, A. & Krell, M. (2018, September) “Change Your Syllabus! Why Tone and Word Choice Matter: A Study of Counseling Students’ Perceptions.” Presented at the biennial conference of the North Atlantic Region Association for Counselor Education and Supervision, Burlington, VT.

Community Service

- Association for Counselor Education and Supervision, Financial Investment Committee Taskforce Appointee.
- New England Organization for Human Services, Membership Chair.
- Massachusetts School Counselor Association, Immediate Past-President.
- North Atlantic Region Association for Counselor Education and Supervision, Treasurer.
- United Way of North Central Massachusetts, Community Investment Site Visit Team Member.

Aruna Krishnamurthy

ENGLISH STUDIES

Scholarship

PUBLICATIONS

- “A Contrapuntal Eliot,” in *Catalyst: A Journal of Theory and Strategy*, Vol 2, No 1, Spring 2018.
- “Teaching the Politics and Poetics of Land through William Cobbett’s Rural Rides” in *Teaching Laboring-Class British Literature of the Eighteenth and Nineteenth Centuries*, edited by Kevin Binfield, William J. Christmas, The Modern Language Association of America: New York, 2018.

CONFERENCE PRESENTATION

- “Realism in the 1950s Hindi Novel” at the American Comparative Literature Association in Washington, DC, 2019.

Benjamin Levy

MATHEMATICS

Scholarship

PUBLICATIONS

- Levy, B., Lenhart, S., Collins, C., and Stiver, W. “Evidence for Multiple Transmission Routes for Pseudorabies in Wild Hogs.” Submitted to *Mathematics of Planet Earth Special Edition on Infectious Disease Modeling*, January 2019.
- Levy, B. and Odoi, A. 2018. “Exploratory Investigation of Region Level Risk Factors of Ebola Virus Disease in West Africa.” Peer, J.
- Levy, B., Windoloski, K., and Ludlam, J. “Modeling Threats to Diamondback Terrapins in a Coastal Carolina Salt Marsh.” In preparation for the *Journal of Mathematical Biology*.

INVITED PRESENTATIONS

- “A Discrete Data-Driven Pseudorabies Model for Feral Hogs in Great Smoky Mountains National Park.” SIAM Conference on Mathematics of Planet Earth Session on One Health: Connecting Humans, Animals and the Environment. Philadelphia, PA, September 2018.
- “Modeling Behavior Change to Limit an Ebola Outbreak in Sudan.” Joint Mathematics Meetings AMS Special Session on Mathematics in Natural Resource Modeling. San Diego, CA, January 2018.

Robert Logan

EXERCISE AND SPORTS SCIENCE

Scholarship

- Chen, X., Umeh, C.C., Tainsh, R.E., Feng, D.D., Maguire, M., Zuo, F., Rahimian, M., Logan, R., Wang, X., Ascherio, A., Macklin, E.A. Dissociation between urate and blood pressure in mice and in people with early Parkinson’s disease. *EBioMedicine*. 2018 Nov; 37:259-268.

Viera Lorencová

COMMUNICATIONS MEDIA

Scholarship

MANUSCRIPT UNDER CONSIDERATION

- Lorencová, Viera. “Self-Exploration of Sexual Difference and Queer Subjectivity in Slovak LGBTQ Print Periodicals.” Chapter abstract submitted to Glyn Davis and Laura Guy, the editors of *Between the Sheets: Radical Print Cultures Before the Queer Book Shop* on August 2, 2018. Under consideration by Bloomsbury Publishing, London, UK.

CONFERENCE PRESENTATIONS

- Lorencová, Viera. “Media Production by Slovak LGBTQ Activists: Carving out Spaces of Identity Expression, Belonging and Social Movement Mobilization.” International Communication Association, 68th Annual Conference, Voices, Prague, Czech Republic.

- Presentation given during ICA Preconference “Media, Gender and Sexuality in Europe,” on May 24, 2018.
- Lorencová, Viera and Katherine Covino. Co-presented “Teaching Gender Studies in a Fragmented and Fraught Political Era.” Conference organized by the New England Philosophy of Education Society (NEPES), Harvard Graduate School of Education (HGSE), Cambridge, MA, October 21, 2017.

RESEARCH

- June 3-July 26, 2018: Served as a co-investigator with Dr. Renee Scapparone on the research study “The Factors that Affect Physical Activity Behaviors Among Different Demographic Segments of Adult Residents of Fitchburg.” Co-mentored a team of four undergraduate student-researchers (FSU Communications Media and Business Administration majors), who were part the larger “Health of the Fitchburg Community” faculty-student collaborative research team, who conducted a study on the factors that affect physical activity behaviors among different demographic segments of adult residents of Fitchburg.

PRESENTATIONS AT FITCHBURG STATE UNIVERSITY

- “The Factors that Affect Recreational Physical Activity Among Different Demographic Segments of Adult Residents of Fitchburg.” Presentation of research findings by the FSU Summer Research Collaborative research team supervised by Dr. Lorencová and Dr. Scapparone. President’s Hall, Fitchburg State University, Fitchburg, MA, July 26, 2018.
- Lorencová, Viera and Renee Scapparone. “What Does a Fitness-Related Business in Fitchburg Need to Do to Recruit New Members and Remain Viable?” Development Day: Faculty Research Symposium. Hammond Hall G01, Fitchburg State University, Fitchburg, MA, May 21, 2018.



- “Health of the Fitchburg Community.” Presentation of research findings by the FSU Summer Research Collaborative research team supervised by Dr. Lorencová and Dr. Scapparone about the availability of public recreational spaces in the Fitchburg area. This study was part of a larger interdisciplinary study completed in collaboration with the research teams supervised by Dr. Huang, Dr. Wigmore and Dr. Benes during summer 2017. Presented to the members of the Active Living Community Health Improvement (CHIP) Working Group. President’s Hall, Fitchburg State University, Fitchburg, MA, November 2, 2017.
- Lorencová, Viera, Patricia Arend, Katharine 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, Fitchburg, MA, September 19, 2017.

Creative Activity

- In spring 2018, assisted students with designing the “Herstory” poster presentations that they presented at the International Women’s Day Fair on March 22, 2018, and at the Undergraduate Conference for Research and Creative Practice, Fitchburg State University, Fitchburg, MA, April 19, 2018.
- Assisted students with designing promotional poster designs for the 2018 Women’s History Month events. Fitchburg State University, Fitchburg, MA. February 2018.

Community Service

- During spring 2018, organized the “International Women’s Day” event, and facilitated the “Herstory” discussion circle and poster presentations created by students from my Intercultural Communication class originally scheduled for March 8, 2018 (rescheduled to March 22, 2018). The event was co-sponsored by the Office of International Education; Women, Gender and Sexuality Studies; Center for Diversity and Inclusiveness; Feminist Conversations and Communications Media Department. Hammond Main Lobby, Fitchburg State University, Fitchburg, MA.
- As a member of the Women’s History Month (WHM) committee, assisted with creating publicity for four Women’s History Month events at Fitchburg State University (2017-2018).
- As a member of the non-governmental organization “Diversity Pro” that promotes LGBT inclusiveness, visibility and leadership, assisted with the development of educational materials for the LGBT business forums organized by the NGO Diversity Pro, Bratislava, Slovakia (2017-2018).



Nirajan Mani

INDUSTRIAL TECHNOLOGY

Scholarship

JOURNAL PUBLICATIONS

- Kisi, K. P., Mani, N., Rojas, E. M., & Foster, E. T. (2018). “Estimating of optimal productivity in labor-intensive construction operations: An advanced study.” *Journal of Construction Engineering and Management*, ASCE, in press.
- 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.

PEER REVIEWED CONFERENCE PUBLICATIONS AND PRESENTATIONS

- Mani, N., Kisi, K. P., Rojas, E. M., & Foster, E. T. (2018). Multi-level Hierarchical Analysis for Productivity Frontier Estimation. *Proceedings of 2018 ASCE Construction Research Congress*, New Orleans, LA, April 2-5, 2018.
- Kisi, K. P., Mani, N., Rojas, E. M., & Foster, E. T. (2018). Optimal Labor Productivity: A Case Study in a Sheet Metal Bending. *Proceedings of 2018 ASCE Construction Research Congress*, New Orleans, LA, April 2-5, 2018.

AWARDS

- Received Special Projects Grants (Major Grant) 2018-2019, “A Collaborative and Interactive Faculty-Students Led Pedagogical Approach for the Proposed Engineering Technology Program” at Fitchburg State University.
- Received Special Projects Grants (Major Grant) 2017-2018, “An Integrated Project on Energy Efficient Building Design and Construction” 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.
- Coordinated and organized “2nd Industrial Technology Students’ Design & Project Competition” on April 17, 2018.
- Coordinated and organized “Career Fair” in collaboration with Associated General Contractors, MA on February 27, 2018.
- Organized several presentation programs for Industrial Technology faculty & students by inviting construction industry professionals.

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 “ASCE Construction Research Congress Conference 2018.”
- Volunteered in Newah Organization of America—New England Chapter, Boston, MA.

Tara Mariolis

NURSING

Scholarship

- Mariolis, T., Bosse, J., Martin, S., Wilson, & Chiodo. (2019). A Systematic Review of the Effectiveness of Buprenorphine for Opioid Use Disorder Compared to Other Treatments: Implications for Research and Practice. Submitted for publication.
- Mariolis, T. & McKew. (2018). Using Simulation to Improve Care of the Critically Ill Mental Health Patient at the End of Life. *Nursing Education Perspectives*.

Community Service

- Reviewer: Manuscripts submitted to the Education Innovation Section of *Nursing Education Perspectives*.

Kevin McCarthy

COMMUNICATIONS MEDIA

Scholarship

- Presented a talk called “Non-Fiction Filmmaking Practice: *Scenes from a Protest* and *STUMPED*” at the Fitchburg State University Faculty Research Symposium in May 2018.
- Presented a talk called “Do As I Say, Not As I Do: Lessons Learned While Shooting a Documentary on the Fly” at the annual University Film and Video Association (UFVA) Conference held at New Mexico State University in Las Cruces, New Mexico in July 2018.

- Presented a Peer Review response to a short experimental narrative film, while also moderating the screening session for that film and another at the 2018 UFVA Conference in July 2018.

Creative Activity

- *Scenes from a Protest* (completed March 2018)—Documentary Short Film, Director/Producer/Videographer/Editor. The film screened at the following film festivals/venues:
 - o Workers Unite! Film Festival, New York, NY (Award: Best Short Documentary)
 - o Workers Unite! Film Festival, New York, NY—daily, week-long encore presentation at the Cinema Village theater
 - o Maumee Film Festival, Maumee, OH (Award: 3rd Place, Best Documentary)
 - o Labor Guild School / Archdiocese of Boston, Braintree, MA
 - o University Film and Video Association Conference, Las Cruces, New Mexico
- *Cambridge Youth Dance Program* (completed December 2017)—Promotional video/ Short Documentary Film, Director/Producer/Videographer/Editor. The film screened prior to six performances of the company’s dance recital “What the Dickens” at the Boston University Dance Theater in Boston, MA
- *STUMPED* (completed March 2017)—Documentary Feature film, Producer/Videographer. The film screened at the following film festivals/venues between September 2017-December 2018:
 - o Newburyport Documentary Film Festival, Newburyport, MA
 - o Austin Film Society Science On Screen, Austin, TX
 - o Milwaukee Film Festival, Milwaukee, WI (Opening Night Film)
 - o Hot Springs Documentary Film Festival, Hot Springs, AK
 - o Eau Queer Film Festival, Eau Claire, WI
 - o Heartland Film Festival, Indianapolis, IN
 - o Tallgrass Film Festival, Wichita, KS (Award: DOX Spotlight Competition)
 - o Flyway Film Festival, Red Wing, MN
 - o Twist: Seattle Queer Film Festival, Seattle, Washington
 - o Indie Memphis Film Festival, Memphis, TN
 - o Mix Copenhagen Queer Film Festival, Copenhagen, Denmark
 - o St. Louis International Film Festival, St. Louis, MO
 - o Mezipatra Queer Film Festival, Prague, Czech Republic
 - o Lone Star Film Festival, Fort Worth, TX
 - o Transition International Queer Minorities Film Festival, Vienna, Austria
 - o Palm Springs International Film Festival, Palm Springs, CA (Award: Best of Fest)
 - o Mardi Gras Film Festival, Sydney, Australia

- o Omaha Film Festival, Omaha, NE
- o Melbourne Queer Film Festival, Melbourne, Australia
- o Annapolis Film Festival, Annapolis, Maryland
- o ReelAbilities Film Festival, Boston, MA
- o British Film Institute (BFI) Flare London, London, England
- o NewFest at the Center, New York, NY
- o Outview Film Festival, Athens, Greece
- o RiverRun International Film Festival, Winston-Salem, NC
- o Julien Dubuque International Film Festival, Dubuque, IA
- o Bentonville Film Festival, Bentonville, AR
- o Sokcho International Disability Film Festival, Sokcho, South Korea (Opening Night Film)
- o Austin Film Society (AFS) Cinema, Science on Screen Series, Austin, TX
- o Film Falmouth Series, Falmouth, MA
- o Boston University Cinematheque, Boston, MA
- o Emerson College Bright Lights Series, Boston, MA
- o Amputee Coalition National Conference, Tucson, AZ
- *Official Teaser #2 Reaction!!!* (completed June 2016)—Experimental Short Film, Director/Producer/Editor/Actor. The film screened at the following film festivals/venues between September 2017-December 2018:
 - o Festival of (In)appropriation traveling show, Spectacle Theater, Brooklyn, NY
 - o GeekFest Toronto, Toronto, Canada
 - o CenterStage Faculty Show and Video Screening, Fitchburg State University, Fitchburg, MA

Amy McGlothlin

HUMANITIES

Scholarship

CONFERENCE PRESENTATION

- Navy Band Saxophone Symposium, “Thinking in Four Places” by Justin Casinghino, Amy McGlothlin, Jennifer Bill, Emily Cox and Zachary Schwartz. January 2019.

Creative Activity

- “Presenting the Fitchbyrds” Concert featuring the Fitchburg State University Jazz Band, December 2018.
- “Christmas Celebration” Concert featuring the Fitchburg State University Concert Band and Community Orchestra, December 2018.
- Pharos Quartet, Music Mansion, Providence, RI, October 2018.
- Nigun Art Exhibit Closing Reception, featuring the Pharos Quartet, Post Cubicle Gallery, Boston, MA, December 2018.
- Named a Rovner Products Ambassador, November 2018.

Community Service

- Fitchburg Bands food drive for the Falcon Bazaar, December 2018.
- Adjudicator, Low Reeds, Massachusetts Northeastern District Music Educators, Senior District Auditions, November 2018.
- Tabulator, Massachusetts Central District Music Educators, Junior District Auditions, February 2019.
- Executive Board Member, Clan MacPherson Pipes and Drums, North Andover, MA.

Wayne Munson

COMMUNICATIONS MEDIA

Community Service

- Part of a group from The First Parish of Bolton that, once a month, provides food for free lunches, Sundays on the Worcester Common through The Worcester Fellowship.

Andrea Olmstead

HUMANITIES

Creative Activity

EXHIBITIONS

- 83rd Regional Exhibition of Art and Craft, Fitchburg Art Museum, Fitchburg, MA, 2018. Artwork Presented:
 - o *Precipice*, earthenware, 20” x 9” x 11”.
 - o *The Proposition*, stoneware, 12” x 7” x 20”.
- State of Clay, 10th Biennial Show, Lexington Arts Center, Lexington, MA, 2018. Artwork Presented:
 - o *Precipice*, earthenware, 20” x 9” x 11”.



Ozge Ozay

ECONOMICS, HISTORY, & POLITICAL SCIENCE

Scholarship

PUBLICATIONS

- “Changing structure of exports and product sophistication in the East and Southeast Asian region,” *The International Trade Journal*, March 2018 (with Emel Memis).

PRESENTATIONS

- “Time Poor Women in the U.S.,” presented in IAFEE Annual Conference, SUNY New Paltz, NY, June 19-21, 2018.
- “Struggling with Feminist Ways of Knowing: Pedagogical Reflections from University Level Gender-Focused Classes,” presented at the New England Philosophy of Education Society Conference, Tufts University, October 20, 2018 (Presented with Katharine Covino).

Community Service

- Peer reviewer for Feminist Economics, Structural Change and Economic Dynamics, and Economies.

Audrey Pereira

BUSINESS ADMINISTRATION

Scholarship

PUBLICATIONS

- Pereira, A. S., & Wahi, M. M. (2018), “Technical, Role Modeling, and Ethics Learning Acquisition in Undergraduate Business Online versus Face-to-Face Modalities,” *Journal of Higher Education Theory and Practice*, 18(5), 56-69.

CONFERENCE PRESENTATIONS

- Pereira, A. S. (2018). “Comparison of Didactic, Technical, Role Modeling, and Ethics Learning Acquisition in Undergraduate Online versus Face-to-Face Modalities”, International Accreditation Council for Business Education (IACBE) Annual Conference, New Orleans, LA, April 16-20, 2018.
- Pereira, A. S. (2017). “Online and Face-to-Face Similar for Technical and Didactic Learning but not Role Modeling.” Presented at the Northeastern Association of Business, Economics, and Technology (NABET) 2017 Annual Meeting, State College, PA, October 27-27, 2017.

Ben Railton

ENGLISH STUDIES

Community Service

- President, New England American Studies Association, June 2018—present. American Literature Area Director, Northeast Modern Language Association, April 2018—present.
- Boston Chapter Co-Leader, Scholars Strategy Network, September 2017—present.

Daniel Sarefield

ECONOMICS, HISTORY, & POLITICAL SCIENCE

Scholarship

PUBLICATIONS

- “The Cult of Glykon as a ‘New Religious Movement.’” *Acta Classica Universitatis Scientiarum Debreceniensis* 54 (2018): 147-160.
- “Book Burning in Livy: Text and Context.” In *Rerum gestarum monumentis et memoriae. Cultural Readings in Livy*, 13-32. Edited by Andrzej Gillmeister. Warsaw, Poland: Warsaw University Press, 2018.

SCHOLARLY PAPER

- “‘To the Ravens’: Curses from the Oracle of Abonouteichos.” Scholarly paper given at the Symposium Classicum Peregrinum 2018: “Curses and Blessings in Antiquity,” sponsored by the Università degli studi di Verona, held at Lonato del Garda, Italy, June 2018.

PROFESSIONAL PRESENTATION

- “Building Continuity into a Short Term Study Abroad Program.” Faculty panelist, 2017 NAFSA (Association of International Educators) Region XI Conference, Bretton Woods, New Hampshire, November 2017.

Creative Activity

- Continues to study the ukulele with Paul Luria in the Fitchburg State University Community Music Program. Performed Roy Smeck’s “Music Box Waltz,” “Magic Ukulele Waltz,” “Waltz of Yesteryear,” and “Rocking the Uke” at the Community Music Program Student Recital on April 18, 2018.

Community Service

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

Ricky Sethi

COMPUTER SCIENCE

Scholarship

GRANTS AND AWARDS

- Amazon AWS Research Grant for Structured Discussions and Scientific Workflows for Data Analysis \$35,000, 2017 - 2019, PI.

SCIENTIFIC PUBLICATIONS

- “Scientific Workflows in Data Analysis: Bridging Expertise Across Multiple Domains”. *Future Generation Computer Systems* (FGCS) (2017). by Ricky J. Sethi and Yolanda Gil.
- “Curriculum Guidelines for Undergraduate Programs in Data Science”. *Annual Review of Statistics and Its Application* (Annu Rev Stat Appl) (2017). by Richard DeVeaux, et al.
- “Extinguishing the Backfire Effect: Using Emotions in Online Social Collaborative Argumentation for Fact Checking”. *IEEE International Conference on Web Services* (IEEE ICWS) (2018). by Ricky J. Sethi and Raghuram Rangaraju.

- “Spotting Fake News: A Social Argumentation Framework for Scrutinizing Alternative Facts”. IEEE International Conference on Web Services (IEEE ICWS) (2017). by Ricky J. Sethi.
- “Crowdsourcing the Verification of Fake News and Alternative Facts”. ACM Conference on Hypertext and Social Media (ACM HT) (2017). by Ricky J. Sethi.

Creative Activity

BOOK

- “Essential Computational Thinking: Computer Science from Scratch” Preliminary Edition, 1st Edition forthcoming, 2019. by Ricky J. Sethi

Community Service

- National Science Foundation (NSF) Panelist, NSF Cyberlearning EXP Review Panel, 2017
- National Science Foundation (NSF) Panelist, NSF Scalable Data CyberInfrastructure Review Panel, 2018

Charles Sides

COMMUNICATIONS MEDIA

Scholarship

- Co-Editor, *Routledge Series on Technical Communication, Rhetoric, and Culture*.
- Co-Editor, *The SUNY Series: Studies in Technical Communication*.
- “User-Centered Program Design and the First-Generation College Student,” Council for Programs in Technical and Scientific Communication.
- Conference for Programs in Technical and Scientific Communication (CPTSC), Savannah, GA, 2017.
- “Free Speech in Post-Truth America,” 12th Biennial Thomas R. Watson Conference, University of Louisville, Louisville, KY, 2018.

Joshua Spero

ECONOMICS, HISTORY, & POLITICAL SCIENCE

Scholarship

- *Middle Powers and Regional Influence: Critical Foreign Policy Junctures for Poland, South Korea, and Bolivia* (Rowman & Littlefield International / December 2018 publication).
- “Security Issues: NATO and Beyond” (revised chapter) in eds. Sharon Wolchik & Jane Curry. *Central and East European Politics, 4th Edition* (Rowman & Littlefield, 2018).
- “Resolutions to Political Differences.” *Worcester Telegram & Gazette*. December 17, 2017.

Community Service

- Mr. Andrew Pottel (Fitchburg State, 2009), Dean of Students, Northeast Maritime Institute & Director of Policy and Legal Affairs, Dominica Maritime Administration—“Why Shipping Matters: International Maritime Law and the Global Shipping Industry.” Hosted at Fitchburg State University, Fitchburg, MA, 2018.

- Military Community Covenant 9/11 Commemoration Speaker, “Serving Communities Larger Than Ourselves”, Chelmsford, MA, September 2018.
- “Russian Foreign Policy,” Great Decision Program, Westminster Library, March 2018.
- Documentary Participant: *The Orators*, Fitchburg State Student Produced Documentary on Political Persuasion, April 2018.

David Svolba

HUMANITIES

Scholarship

- Working on a chapter about ethics to be include in an introductory philosophy textbook.
- Working on a book about consciousness with Professor Thomas Schilling, FSU Psychological Science, titled *Consciousness: An Interdisciplinary Guide for Students*, the book builds on our experience co-teaching our consciousness course at Fitchburg State.

J.J. Sylvia IV

COMMUNICATIONS MEDIA

Scholarship

PUBLICATIONS

- “From Archaeology to Genealogy: Adding Politics and Processes of Subjectivation.” *Communication +1*. Accepted 2018.
- “p5.js in the Media Studies Classroom,” chapter in digital collection, *Coding & Pedagogy*. Accepted 2018.
- “Code/Art Approaches to Data Visualization” in edited collection, *Research Methods for the Digital Humanities*, 2018.
- Sylvia IV, J.J. (2018). Review of “Watson Session C8: Posthuman Futures for Rhetoric, Composition, and Pedagogy,” a panel at the Thomas R. Watson Conference. Digital Rhetoric Collaborative: November 19, 2018.
- Sylvia IV, J.J. (2018). Review of Bollmer, Grant, *Inhuman Networks: Social Media and the Archaeology of Connection*. In *International Journal of Communication*, vol. 12, 2944-2947.
- Esten, Emily, Eleanor Mahoney, Francesca Albrezzi, J.J. Sylvia IV, Mike DeAnda, and Kefaya Diab. “Public Humanities and Public Scholarship.” Twitter Chat: November 9, 2017.

GRANTS

- Seed Grant for Worcester County Society of Philosophers in America Chapter, Society of Philosophers in America, 2018.
- Grant for developing civic engagement assignments for public communication ethics discussion. Crocker Center, Fitchburg State University, 2018.
- Special Projects Grant for “Becoming Data: An Augmented Reality Experience,” Office of the Provost, Fitchburg State University, 2018.

PRESENTATIONS

- Moody, Kyle and J.J. Sylvia IV. “Fake News and Cyber Agents: Understanding the Role of Social Media in Today’s Political Communication.” Fitchburg State University Speakers Series. Fitchburg State University, Fitchburg, MA, December 3, 2018.
- Carr III, Robert, Charles Sides, and J.J. Sylvia IV. “Troubling Matters: Materializing Underlying Problems and Solutions in Free Speech, Big Data, and Advertising.” Thomas R. Watson Conference on Making Futures Matter, University of Louisville, Louisville, KY. October 25, 2018.
- Sylvia IV, J.J., Lea Shell, DeAnna Beasley, and Clint Penick. “Developing Partnerships for Interdisciplinary Design-Based Learning.” International Society for Exploring Teaching and Learning, Tempe, AZ, October 10, 2018.
- Communication Workshop for Falcon Leadership Challenge, Student Development and Residence Life. Fitchburg State University. October 3-4, 2018.
- “Positive Deterretorialization and the Cognitive Assemblage.” Second Annual Boston Area Deleuze Reading Group Conference: Deleuze, Guattari, and Territoriality. Boston, MA, September 29, 2018.
- “Critical Making in the Classroom: Postsignifying Semiotics and Counter-actualization.” 11th International Deleuze and Guattari Conference, University of Campinas, São Paulo, Brazil, June 27, 2018.
- Sylvia IV, J.J., Evan T. Johnson, Nupoor Jalindre, and Fernanda da Costa Portugal Duarte. “Designing an Activist Pedagogy: Assemblage Theory Offers Opportunities for New Lines of Flight in Facebook, Amazon Echo, and Beyond.” 11th International Deleuze and Guattari Conference, University of Campinas, São Paulo, Brazil, June 27, 2018.
- Sylvia IV, J.J. “Interdisciplinary Approaches to Media Genealogy.” Faculty Development Symposium, Fitchburg State University, Fitchburg, MA, May 22, 2018.
- “Rethinking Information and Modulation in Control Society.” International Conference on Contemporary Communication Cultures, Controls, and Becomings, University of Madras, Chennai, India, February 17, 2018.

Community Service

- Reviewer for *The Journal of Technical Writing and Communication*.
- Reviewer for *The Journal of Interdisciplinary Studies in Education*.
- Reviewer for *Essential Communication, 2nd Edition*, by Ron Adler, Athena du Pré and George Rodman. Oxford University Press.
- Reviewer for Eastern Communication Association Conference, Applied Communication division.
- Reviewer for *The Law of Journalism and Mass Communication, 7th Edition*, by Robert Trager, Susan Dente Ross, and Amy Reynolds. Sage Publishing.
- Mass Communication at Cengage Learning Product feedback



Teresa Fava Thomas

ECONOMICS, HISTORY, & POLITICAL SCIENCE

Scholarship

PRESENTATION

- “Allied Bombing of Rome 1943-45: Strategic Debate and Process of Recovery.” New England Historical Association. University of Connecticut, Storrs, CT, October 28, 2018.

BOOK REVIEW

- H-DIPLO, Society of Historians of American Foreign Relations, Roundtable Review, a review of O. Khalil’s *America’s Dream Palace: Middle East Expertise and the Rise of the National Security State*, in volume XIX, No. 18 (2018), posted January 15, 2018.

KEYNOTE ADDRESS

- Fitchburg State University Faculty Research and Scholarship Symposium—A Celebration of Faculty Excellence: “Strategic Bombing in Rome and Palestrina Italy: Measuring the Cost of War.” May 21, 2018.

Community Service

INVITED PUBLIC LECTURE

- “Columbus Day in 1938: Italian Americans in Fitchburg and the Hurricane of ‘38.” Sons of Italy, Regina Elena Lodge, Annual Meeting at Oak Hill Country Club. Fitchburg, MA, October 2018.
- “Home Grown Author’s Day” presented *The Reluctant Migrants: Migration from the Italian Veneto to Central Massachusetts*, at the Bigelow Public Library. Clinton, MA, April 22, 2018.

Heather Urbanski

ENGLISH STUDIES

Scholarship

- “Agents of SHIELD’s Framework as Interconnected Canon,” paper presented at the National Popular Culture Association conference in Indianapolis, IN in March 2018.
- “The Ethics of Controlling Reality: Complicating the Mad Scientist in The Lathe of Heaven,” paper presented on the academic-track of the World Science Fiction Convention in San Jose, CA in August 2018.

Community Service

- Participation and/or moderation of the following panels at Arisia 2018 (New England’s Largest, Most Diverse Sci-Fi & Fantasy Convention):
 - If You Didn’t Know, Now You Know: SFF Divination
 - Conning for Spoonies
 - When the Panel Goes Rogue...
 - Star Wars, 2018 Edition: The Last Jedi and More
 - Wonder Woman: All the World Was Waiting For You
 - Disney’s Second Renaissance
 - Just the Facts: Superfoods
- Member of Incident Response Team for the World Science Fiction Convention in San Jose, CA in August 2018.

Jeffrey Warmouth

COMMUNICATIONS MEDIA

Creative Activity

- Created the following artwork:
 - *Lilliput*, an interactive video installation that incorporates game technology and computer vision.
 - *XXXXOO*, a series of typewriter drawings based on procedural rule sets.
 - *Rise of the Cybercats*, a video game developed with colleague Britt Snyder.
 - *Chiasmus*, a site-specific video installation created in collaboration with artist Anne Lilly.
- Participated in the following group exhibitions, festivals, and screenings:
 - *Art & Communications Media Faculty Exhibition*, Fitchburg State University.
 - *The Future of History*, Boston Cyberarts Gallery, Jamaica Plain, MA.
 - *New Media Exhibition*, University Film & Video Association conference, New Mexico State University, Las Cruces, NM.
 - *Opposites Attract*, Boston Sculptors Gallery, Boston, MA.
 - *Art on the Marquee Round 25*, Boston Convention & Exhibition Center, Boston, MA.
 - *404 Festival of Art & Technology*, UMASS Lowell, Lowell, MA.
 - *Boston Indies Meetup*.



- Upcoming solo exhibition, December 2019 at Boston Sculptors Gallery.

WORK PUBLISHED IN THE FOLLOWING BOOKS

- *Space*, Prix Pictet, teNeues Press, 2017
- Louis Kaplan, *Photography and Humour*, Reaktion Books, 2017

Community Service

- Served as a member of the Fitchburg Cultural Council.

Amy Wehe

MATHEMATICS

Scholarship

- Gave talk entitled “My challenges in IBL teaching” at the New England Inquiry-Based Learning (NE-IBL) Conference 2018, Westfield State University, Westfield, MA, November 10, 2018. (Invited Talk)
- Gave talk entitled “Measuring out Geometry” at the Fall 2017 Northeastern Section of the Mathematical Association of America Meeting, Sacred Heart University, Fairfield, CT, November 17-18, 2017.
- Member of the Program Committee for the Fall 2017 and Spring 2018 Sectional Meetings for the Northeast Section (NES) Mathematical Association of America (MAA) Conferences, which were held at Sacred Heart University in Fairfield, CT in November 2017 and University of New Haven in June 2018, respectively.
- Reviewed three peer-reviewed papers: one for the peer reviewed journal on education in quantitative literacy “Numeracy,” and two for “Discussiones Mathematicae Graph Theory,” a peer reviewed mathematics journal focusing on the area of graph theory.

Community Service

- Member of the School Council at Northwest Elementary School in Leominster, MA.
- Hosted and administered the American Mathematical Contest (AMC) 8, 10, and 12 exams and the AIME exam to middle and high school students throughout New England. The AMC is a national contest that is the first step toward becoming a member of the US Mathematics Olympiad team. The AIME is an invitational exam, open only to students whose score on the AMC 10 or AMC 12 was high enough.
- Organized and ran a Math Circle at McKay Middle school to students from 5th through 8th grade in Fall 2017 and Fall 2018. The Math Circle is an enrichment program for students who are interested in mathematics and problem solving.
- Coordinated “Stammtisch,” the German discussion table on campus, which meets weekly in the Hub at lunch time and is open to anyone interested in practicing speaking German.
- Heavily involved in the Math Transfer Pathways statewide projects for the past several years. Since September 2017, this has involved meeting with colleagues at state institutions of higher education discussing transforming developmental mathematics and course alignment.
- Organized Open Office hours for Fall 2017 in SCI 209 for faculty willing to make some of their office hours open to all students on campus.
- Sponsored and mentored student Zi Lin’s talk for the Spring 2018 Fitchburg State University Undergraduate Conference on Research and Creative Practice.

Daniel Welsh

BIOLOGY/CHEMISTRY

Scholarship

- Along with colleagues from several disciplines on campus, completed the second 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 in 2019) on the biological condition of the river by exploring the health and diversity of the fish community.
- Presented his work on the relationship between water clarity and fish eye size in an oral presentation at the annual Northeast Natural History Conference.

Community Service

- Invited speaker by the Post-doctoral Society at the Broad Institute in Boston. Served on several panels that discussed the academic job search and hiring of faculty at primarily undergraduate-serving/teaching-focused institutions.

Danielle Wigmore

EXERCISE AND SPORTS SCIENCE

Scholarship

- For the past three years, Danielle has been working with a diverse group of faculty and students on a multi-year student-faculty collaborative research project investigating physical activity habits and health outcomes among Fitchburg residents. This work has been supported by the Balfour Foundation and the Community Foundation of North Central MA and presented at the annual conference of the New England Chapter of the American College of Sports Medicine (student poster) and the Active Living Research Conference.

Eric Williams

BIOLOGY/CHEMISTRY

Scholarship

RESEARCH PROJECT

- My research group studies a rare form of muscular dystrophy called dysferlinopathies. Our group has created two models to study the disease: a human tissue culture model and a worm model. During the past year, 9 Fitchburg students have worked on this project to identify therapeutic strategies to target this disease.

CO-AUTHORED PUBLICATIONS

- Das A, Huang GX, Bonkowski MS, Longchamp A, Li C, Kim LJ, Osborne B, Joshi S, Lu Y, Trevino-Villarreal JH, Kang MJ, Huang TT, Lee B, Williams EO, Igarashi M, Mitchell JR, Wu LE, Turner N, Arany Z, Guarente LP, Sinclair DA. “Impairment of an endothelial NAD⁺-H2S signaling network is a reversible cause of vascular aging,” *Cell* 2018 Mar; 173(1): 74-89. PMID: 29570999.
- Bisogni AJ, Ghazanfar S, Williams EO, Marsh HMR, Wu C, Yang JH, Lin DM. “Tuning of Delta-Protocadherin Adhesion Through Combinatorial Diversity,” *eLIFE* 2018 Dec; 7: e41050. PMID: 30547884
- Igarashi M, Williams EO, Guarente LP. “NAD⁺ supplementation rejuvenates aged gut adult stem cells,” *Aging Cell*- In Press.

Sarah Wright

MATHEMATICS

Scholarship

RESEARCH IN PROGRESS

- “Cartan subalgebras for non-principal twisted groupoid C*-algebras” with A. Duwenig, E. Gillaspay, R. Norton, S. Reznikoff.
- “Corequisite Instruction in a Gateway Math Course for Pre-Service Teachers - Just in Time, or Too Late?” with Jennifer Berg, Associate Professor, Mathematics.



PRESENTATIONS

- “Sort The Sequences” - Encouraging Effective Teaching Innovation, MathFest 2018, Denver, CO.
- “The Arithmetic and Geometry of (P)s(e)udokus” - Joint Mathematics Meetings 2018, San Diego, CA.

OTHER PROFESSIONAL ACTIVITIES

- Funded Participant - Summer Workshop for Women in Mathematics (SwiM) - The Mathematical Science Research Institute (MSRI) - July 2019.
- Funded Participant - Women in Operator Algebras Workshop - Banff International Research Station, November 2018.
- Reviewer - “PRIMUS - Problems, Resources, and Issues in Mathematics Undergraduate Studies”.

Hong Yu

INDUSTRIAL TECHNOLOGY

Scholarship

PUBLICATIONS

- Harold Szu, Simon Foo, Hong Yu, “Theory of Glial Cells & Neurons Emulating Biological Neural Networks (BNN) for Natural Intelligence (NI) Operated Effortlessly at a Minimum Free Energy (MFE)”, *MOJ Applied Bionics and Biomechanics*, Volume 1 Issues 1-2017.
- Hong Yu, Harold Szu, Hongzhuo Huang, “Smartphones, Grounds, Satellites, UAVs for Earthquake Nowcast” (In Press) *IEEE Xplore Digital Library* (2018).

CONFERENCE PRESENTATIONS

- Hong Yu, “Technology/Engineering-Brings Education to Life”, *MassTec 17th Annual Conference*, Fitchburg State University, MA, October 2018.
- Hong Yu, “Capitol Climate Day”, *The Climate Competition Workshop*, MD, 2017.
- Hong Yu, “Smartphones Big Data Analysis for Earthquakes Nowcast”, *SPIE Defense + Commercial Sensing Conference and Workshop*, 2017.

POSTER

- “Color Recognition, Sorting and counting Automation Control System”, *AIA Central Massachusetts Workshop*, Fitchburg, MA, December 2018.

CREATIVE ACTIVITY

- “Color Recognition, Sorting and counting Automation Control System”, *Commonwealth Research Conference*, Guidance the undergraduate research conference, Advisee: Alexander Pyankov.
- “Multi-Analog Signal Alarm System”, *Fitchburg State University*, Guidance the undergraduate research conference, Advisee: Ismael Lacombe.

Community Service

- Senior Member, *Institute of Electrical and Electronics Engineers (IEEE)*, USA, 2013—Present.
- Board Trustee of *Institute of Electrical and Electronics Engineers (IEEE)*, USA, Baltimore, 2013—Present
- Vice Chairman, *IEEE Aerospace and Electronic Systems Society (AESS)*, USA, Baltimore, 2016—Present.
- Judge, *Robotic Challenge*, *Institute of Electrical and Electronics Engineers (IEEE)*, USA, Baltimore, 2013—Present.
- Serves as consultant to *Boys & Girls Club of Fitchburg and Leominster*, MA, October 2018.
- Editorial Board Member of *The Journal of MOJ Applied Bionics and Biomechanics* (2017)
- Peer Reviewer, *The Journal of Multimedia Tools and Applications*, Springer, 2014—Present.





HAMMOND HALL