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 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.”
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.
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.

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.”
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.”

“(Media) can fuel creativity, introduce new ideas, challenge stereotypes, shed light on injustice, and ultimately, contribute to social change.”
Soumitra Basu  
INDUSTRIAL TECHNOLOGY

Scholarship
- Ongoing collaboration with William Paterson University (New Jersey) on Economic Feasibility of Stirling Engines for generating electricity from waste heat (Soumitra Basu, Peter Ciazzio, 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:
  o Undergraduate Conference for Research and Creative Practice at Fitchburg State University on April 6, 2018.
  o ITEC Student’s Design and Project Competition (Industrial Technology Department Fitchburg State University) on April 27, 2018. (2nd prize winners)
  o Undergraduate Research Conference organized by the Commonwealth Honors College. UMASS/Amherst, April 27, 2018.

Community Service
- Ongoing participation on Transportation Needs assessment with Montachusetts 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
- “Such a Nasty Woman: Poets Respond with Nasty Verse,” The Coil Magazine, August 2018. Also, nominated for a Pushcart.
- “Falsetto Doo-Wop.” Blue Fifth Review: Twin Peaks: Another Dossier, April 2018

POEMS

Jennifer Berg  
MATHMATICS

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

Katharine Covino  
ENGLISH STUDIES

Scholarship
- PUBLICATIONS

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,” NEPECS Conference, October 20, 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.
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**Scholarship**

**PRESENTATION**


**PANEL**

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

**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 (Holden Elementary School) School Council (2017—2020)
• Served on the MRA (Massachusetts Reading Association) Student Members 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 as an officer on the MVIRC (Merrimack 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**

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

**JOURNAL ARTICLES**


**BOOK CHAPTER**

• "The Brain Drain Literature in Turkey and a Survey in Turkish," (with Gülay Toksoz), in Únlu, Adem. Fiske’s İzninin (1890), Fitchburg State University, (March 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, Adviser), MPRA No: 81143, 2017.
• "Why Don’t Highly Skilled Women Want to Return? Turkey’s Brain Drain from a Gender Perspective" (with Gülay Toksoz), 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 IJFEJ Annual Conference. SUNY-New Paltz, 2018.


**Community Service**

• Visiting Researcher at the Institute for the Studies of Islam 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 Diatoms-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**


**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 Cécile 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**

• “Grappiling with the Political Future of Fake News” at Eastern Communications Association conference. Panelist with Dr. J.I. 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 Whal.

**Meleodath 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**

**Creative Activity**
- "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.
- 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.
- "Celebrations" concert featuring the South Hadley Chorale and Valley Winds, Belchertown MA, March 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.

**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.

Michael Hoberman

**ENGLISH STUDIES**

**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).
- "They have with faithfulness and care transmitted the Oracles of God unto us Gentiles." Jewish kabbalah and text study in the Puritan imagination.

**PUBLICATIONS**

**INVITED LECTURE**
- Rice University, Houston. Invited speaker at "Kabbalah in America" conference (October 2018).

**PRESENTATIONS**

**CONFERENCE PRESENTATIONS**

**Katherine Jewell**

**ECO NOMICS , HISTORY, AND POLITICAL SCIENCE**

**Scholarship**
- Invited to present on Music Appreciation at New York University. Poster presented at the Tamiment Library at the Rockefeller Center, New York University. 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.

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 Intemissions. 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.

**Michael Hove**

**PSYCHOLOGICAL SCIENCE**

**Scholarship**


**CONFERENCE PRESENTATIONS**

- “They have with faithfulness and care transmitted the Oracles of God unto us Gentiles.” Jewish kabbalah and text study in the Puritan imagination.

**PUBLICATIONS**
- "How one of punk’s icons is wearing a MAGA shirt” Op-ed in Made by History, The Washington Post, October 26, 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.

- "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.
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- "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.

**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.

**CONFERENCE PRESENTATIONS**
- Received a Visiting Fellowship at the University of Connecticut Humanities Institute to complete the manuscript for my second book, Live from the Northeastern Institute for the Humanities, 37.1 (Spring 2018).

**Katherine Jewell**

**ECO NOMICS , HISTORY, AND POLITICAL SCIENCE**

**Scholarship**
- Publications

- Invited to present on Music Appreciation at New York University. Poster presented at the Tamiment Library at the Rockefeller Center, New York University. 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:


Lynne Kellner
BEHAVIORAL SCIENCES

Scholarship
- Council for Standards on Human Services Education: Vice President of Publications.

Mary King (Emerita)
BEHAVIORAL SCIENCES

BOOK

BOOK CHAPTER

CONFERENCE PRESENTATIONS
- "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
- "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.

Benjamin Levy
MATHEMATICS

Scholarship
- Publications

INVITED PRESENTATIONS

Robert Logan
EXERCISE AND SPORTS SCIENCE

Scholarship

Viera Lorencová
COMMUNICATIONS MEDIA

Scholarship
- Manuscript under consideration

CONFERENCE PRESENTATIONS

Presentation given during ICA Preconference “Media, Gender and Sexuality in Europe,” on May 24, 2018.

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.
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**FACULTY DEPARTMENT 2**

**Community Service**

- 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.

**Creative Activity**

- 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).

**Scholarship**

**JOURNAL PUBLICATIONS**


**PEER REVIEWED CONFERENCE PUBLICATIONS AND PRESENTATIONS**


**Presentations**

- 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.
Amy McGlothlin

HUMANITIES

Scholarship

CONFERENCE PRESENTATION

• "Presenting the Fitchbyrds" Concert featuring the Fitchburg State University Jazz Band, December 2018.

Creative Activity


Ozge Ozay

ECONOMICS, HISTORY, & POLITICAL SCIENCE

Scholarship

PUBLICATIONS


PRESENTATIONS


• “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.

Andrea Olmstead

HUMANITIES

Creative Activity

EXHIBITIONS

• 83rd Regional Exhibition of Art and Craft, Fitchburg Art Museum, Fitchburg, MA, 2018. Artwork Presented:

• Precipice, earthenware, 20" x 9" x 11".

• The Proposition, stoneware, 12" x 7" x 20".

• State of Clay, 10th Biennial Show, Lexington Arts and Culture, Lexington, MA, 2018. Artwork Presented:

• Precipice, earthenware, 20" x 9" x 11".

Daniel Sarefﬁeld

ECONOMICS, HISTORY, & POLITICAL SCIENCE

Scholarship

PUBLICATIONS


SCHOLARLY PAPER

• “To the Ravens': Curves from the Oracle of Abonotiechus.” 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


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


Ben Raillton

ENGLISH STUDIES

Community Service

• President, New England American Studies Association, June 2018—present.

• American Literature Area Chair, Northeast Modern Language Association, April 2018—present.

• Boston Chapter Co-Leader, Scholars Strategy Network, September 2017—present.
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*FACULTY DEPARTMENT 2
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Communal 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

Presentations
- "Critical Making in the Classroom: Postsignifying Semiotics and Counter-actualization." 11th International Deleuze and Guattari Conference, University of Campinas, Sao Paulo, Brazil, June 27, 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.

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.

II. Sylvia IV
COMMUNICATIONS MEDIA

Presentations
- "Critical Making in the Classroom: Postsignifying Semiotics and Counter-actualization." 11th International Deleuze and Guattari Conference, University of Campinas, Sao 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

Teresa Fava Thomas
ECONOMICS, HISTORY, & POLITICAL SCIENCE

Scholarship

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.
Creative Activity
- Created the following artwork:
  - lilliput, an interactive video installation that incorporates game technology and computer vision.
  - XXXXXXO, a series of typewriter drawings based on procedural rule sets.
  - Rise of the Cyberrats, 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, Pirc Picket, 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 “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 (NExS) 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 iNExS Section (NExS) 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) 10, 12, 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.
- Director of Research Conference.
- 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.

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.

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
  - Coming for Spoonsies
  - 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.
  - XXXXXXO, a series of typewriter drawings based on procedural rule sets.
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  - Chiasmus, a site-specific video installation created in collaboration with artist Anne Lilly.
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  - Art on the Marquee Round 25, Boston Convention & Exhibition Center, Boston, MA.
  - 404 Festival of Art & Technology, UMASS Lowell, Lowell, MA.
  - Boston Indies Meetup.

Amy Wehe
MATHEMATICS

Scholarship
- 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 (NExS) 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.
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- 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.

Eric Williams
BIOLOGY/CHEMISTRY

Scholarship
- For the past three years, Eric 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.

Sarah Wright
MATHEMATICS

Scholarship
- RESEARCH IN PROGRESS
  - “Corequisite Initiatives in a Gateway Math Course for Pre-Service Teachers - Just in Time, or Too Late?” with Jennifer Berg, Associate Professor, Mathematics.

Danielle Wigmore
EXERCISE AND SPORTS SCIENCE

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
- 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
  - “Corequisite Initiatives in a Gateway Math Course for Pre-Service Teachers - Just in Time, or Too Late?” with Jennifer Berg, Associate Professor, Mathematics.
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*faculty name 2
*FACULTY DEPARTMENT 2
Use a soft-return to make the underline and spacing look like above
Gray headings in text are:
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Scholarship
Creative Activity
Community Service
Other Professional Activities
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.

Presentations
• "Color Recognition, Sorting and counting Automation Control System", AIA Central Massachusetts Workshop, Fitchburg, MA, December 2018.

Creative Activity
• "Multi-Analog Signal Alarm System", Fitchburg State University, Guidance the undergraduate research conference, Adviser: Ismael Lacombe.

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.

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.

Other Professional Activities
• Reviewer - "PRIMUS - Problems, Resources, and Issues in Mathematics Undergraduate Studies".

Industrial Technology

Hong Yu