Profiles of Faculty Scholarship

HIGHLIGHTS OF RESEARCH, PUBLICATIONS
AND CREATIVE ACTIVITY

September, 2015 – September, 2016
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.
Augmenting Reality

Jon Amakawa has merged his interest in history with his game design skills to bring the past to life.

“I’m interested in history and bringing real world approaches to the game program,” said Amakawa, who joined the Fitchburg State faculty in 2013 as part of the first wave of the university’s game design major. That interdisciplinary fusion is manifested in the “augmented reality” mobile app he created for the National Park Service. The “Jenkins Lot AR Tour” was created for visitors to the Lincoln Home National Historic Site in Springfield, Ill., where Abraham Lincoln lived before taking office as the nation’s 16th president.

Jameson Jenkins, James Blanks and their families were neighbors of Lincoln’s, and early activists in the fight for civil rights. Amakawa’s app allows visitors to view virtual recreations of the buildings and people overlaid on the lot at different points in time over the course of 150 years. Amakawa built three-dimensional architecture and characters to populate the site in virtual space. Visitors use their mobile devices to recognize special AR target signs, and the scenery being viewed through their device comes alive. He presented his work at the National Park Service’s 2016 National Underground Railroad Conference in Hilton Head, S.C.

Amakawa is continuing his work with the park service this year on other augmented reality projects that fuse game technology with historical interpretation. The experience has informed his own teaching at Fitchburg State.

“We’re using the same technology, and it’s getting game design students to think about how that technology can be used outside of games,” he said. “There’s only a finite amount of game studios out there, but there are a lot more opportunities for them to apply their skills.”

That approach is embedded in the game design major, Amakawa added, with a curriculum that’s rooted in the liberal arts as well as computer science technology. That background helps provide students with the skills to dig deep into the content they’re looking to represent in the digital space.

Those skills were applied this academic year in a project Amakawa’s students developed at the Museum of Russian Icons in Clinton, which features historic images of holy persons and events. In conjunction with Assistant Professor Joseph Wachtel’s history students, Amakawa’s students designed augmented reality applications that will reveal additional context and appreciation for the artifacts on display. Students are currently working with the museum to deploy one of the apps for public use.

To download the Jenkins Lot AR app, visit Apple’s App Store or Google Play for Android.
Making WAIVS

A cross-disciplinary effort to build a user-friendly tool for digital image analysis of paintings is unfolding on the Fitchburg State campus. Catherine Buell, who joined the Mathematics Department in 2014, began the research in her previous post at Bates College. Her research question concerned how humans perceptually categorize and recognize painting and other wise experience and engage with works of art.

Bringing that topic to Fitchburg State, Buell found an ally in Ricky Sethi, who had just joined the faculty of the Computer Science Department. “I learned about Ricky’s work with machine learning and computer vision, and I realized that was the missing piece,” Buell said.

“Visual stylometry’ was a term I didn’t hear until I met Catherine,” said Sethi. It applies techniques and procedures from digital image analysis to questions about the nature of artistic style and how expert knowledge of artistic style drives our interactions with, and understanding of, works in a variety of different media. “This is a nascent area that piques everyone’s interest.”

With support from a National Endowment for the Humanities Digital Start-up Grant, Buell and Sethi are working with teams of undergraduate and graduate students on the development of a tool called WAIVS (workflows for analysis of images and visual stylometry). WAIVS is designed to be powerful enough to support advanced research in computer science, cognitive science, art history, and the philosophy of art while providing an accessible interface that can be used by researchers or students with little or no computer science background. Buell and Sethi see the project as a means to promote computational literacy and data analytic skills among humanities students, while also introducing science students to research in the art and humanities.

The professors have also been working with the Fitchburg Art Museum on the development of WAIVS, analyzing elements of its collections. A WAIVS station is being installed in the “learning lounge” adjacent to one of the museum’s main galleries for its spring exhibition, and a daylong workshop at the museum in May will include another set of artists and researchers to explore WAIVS’ potential and how the scientific workflow will apply to the humanities.

“Everyone we speak to gets very excited about it,” Sethi said.

WAIVS can be viewed online at waivs.org.
Getting into the Groove

Throbbing bass pulsed from the Subaru Outback parked outside Percival Hall, and for Assistant Professor Michael Hove, research was in progress.

A member of the Psychological Science Department since 2015, Hove is fascinated with how the human body responds to groove, the musical quality that induces movement. Listen to the main riff of Stevie Wonder’s “Superstition” for a particularly powerful example of groove, Hove suggests.

In the Subaru experiment he conducted last year, Hove’s test subjects sat in the front seat of the car wearing noise-isolating headphones and hearing protection. Their movements to music were recorded on video, both in response to the headphones alone, and again with the headphones augmented by a powered subwoofer in the back seat of the car. The greater bass frequencies from the subwoofer inspired more movement in the listener.

“The bass is really important for movement and ratings of groove,” Hove said. “We’re trying to figure out why that is.”

Hove published a recent article in the Proceedings of the National Academy of Sciences that showed that the brain is more attuned to bass tones for rhythm—possibly due to how those sounds are encoded in the inner ear. The Subaru experiment examines another hypothesis for the bass-movement connection: The bass provides an increased feeling in the body.

Hove—himself a musician, playing bass, drums and piano—is also looking at the application of this phenomenon to people with movement disorders, such as those with Parkinson’s disease. A piece by Hove in the Annals of the New York Academy of Sciences suggests groove-heavy rhythms can help patients improve their gait and stability in walking. That’s because bass-frequency tones in music provide strong timing cues, and can be especially effective harnessing the close connection between auditory and motor networks.

Other applications of musical rhythm that Hove studies include the use of rhythmic drumming in rituals. “Shamans from all over the world listen to rhythmic drums to get into a trance-like state,” he said. “Some people say it’s more powerful than hallucinogenic drugs.”

Hove gave presentations last year on the link between bass and movement and on the use of rhythm to induce altered states at conferences in Boston, San Francisco and Amherst, and also had articles published in journals focused on brain imaging and music perception. He will be doing additional brain imaging research this summer in Germany.
Reframing Poverty

Lynne Kellner calls the impact of poverty on the mental health of children and families “a national tragedy,” and believes it’s time that we as a society reframe how we discuss their circumstances.

“The way we talk about poverty is really very antiquated, and not very helpful,” Kellner said. “I think we need to talk about it not in terms of poverty, but in terms of self-sufficiency.”

That approach means looking at issues of the cost of day care for families with young children and considering the higher food costs associated with raising teenagers, for example. And there are families who may limit the amount of money they earn so as not to see a reduction in public benefits, trapping them in a vicious cycle.

Kellner collaborated with a former student, Kathleen Craigen, for the chapter “Children and Families in Poverty,” published in the book Exploring Child Welfare: A Practice Perspective (Allyn and Bacon). The chapter explores the phenomenon of poverty from a wider perspective. “For example, is it considered poverty if a family can afford housing, clothing and food but is economically devastated when the family car needs extensive repairs or is unable to buy holiday gifts for the children,” the chapter asks.

The self-sufficiency standard was devised to identify the income necessary for a working adult to achieve economic independence for one’s family, taking expenses like childcare and food into account relative to the age of the children in the home. Keeping that in mind will help caseworkers develop a broader context to characterize the true needs of the families with whom they work.

Such work would have to be undertaken in concert with larger policy discussions.

“It is incumbent on policymakers to determine a way to create more jobs that afford a decent income; this is particularly important given sharp rises in the cost of housing, energy and higher education,” Kellner wrote. “In order to do this, we must improve our educational institutions and increase access to them for low-income students.”

Better approaches to poverty would have a profound effect on children and families, Kellner said, and would be a wise investment. Expanding housing subsidies, increasing food stamp benefits and raising the minimum wage, among other suggestions outlined in Kellner’s chapter, would cost just a fraction of the amount spent each year responding to the myriad challenges facing children who grow up in poverty.

“It’s an issue I’m passionate about,” Kellner said.
Jonathan Amakawa  
COMMUNICATIONS MEDIA

Scholarship
- Presented his Augmented Reality mobile app work at the National Park Service’s 2016 National Underground Railroad Conference, Hilton Head, South Carolina. The presentation was part of a panel titled “Places of Freedom, Places of Refuge: Preserving and Interpreting Pre-Civil War African Communities.”
- Submitted a paper titled Using Augmented Reality to Interpret Slavery and Reconstruction Era Historical Sites for the International Journal of Heritage Studies (IJHS).

Creative Activity
- Creative work focuses on the emerging field of augmented reality and its application in the area of public history—particularly in the interpretation of African American heritage. His interests lie in leveraging the graphics and storytelling capabilities of video games to interpret lost historical spaces. Over the course of the 2015-16 academic year, he completed work for the United States National Park Service to publish the Jenkins AR Tour app for both Android and iOS devices for visitors to the Abraham Lincoln Home National Historic Site (US National Park Service) in Springfield, Illinois.
- In October 2016, he started a new, year-long project for the National Park Service to update the Journey to Greatness: Character Lessons from the Past program using game technology and animation.

Nermin Bayazit  
MATHEMATICS

Scholarship

PRESENTATIONS
- “Strategies to enhance engagement and effectiveness in an online asynchronous discussion board”—presented at the 20th Annual Conference of the Association of the Mathematics Teacher Educators, Irvine, California, January 2016.

EDITORIAL BOARD MEMBER

REVIEWER
- Association of Mathematics Teacher Educators (AMTE) annual conference

GRANTS
- Awarded Fitchburg State University Special Projects (Travel) Grant to present at the Annual Meeting of the Association of Mathematics Teacher Educators (AMTE) in Orlando, Florida, April 2016.
- Awarded Fitchburg State University Professional Development Grant to attend a week-long Inquiry-Based Learning Workshop in San Luis Obispo, California, June 2016.
- Received Scholarship of Teaching and Learning Award from Fitchburg State University Center for Teaching and Learning, February 2016.
DeMisty Bellinger-Delfeld
ENGLISH STUDIES

Scholarship

PUBLICATIONS

• “We Are Your Saviors: Faculty of Color Respond to the MFA vs. POC Debate”—panelist at the AWP Annual Conference. Los Angeles, California, March 2016.
• Presentations
  • “Our Lavender Past: Queering History in Fiction”—panelist at the AWP Annual Conference. Los Angeles, California, April 2016.
  • “Forming Alliances,” A Fitchburg State University’s Black Student Union Black History Month Event—panelist, February 2016.
  • The Lost River Writers Retreat, Lost River, West Virginia, June 2016.

Creative Activity

• Public Reading: “Women in the Arts,” Fitchburg State University, March 2016.

Community Service

• “English Studies Graduate School FAQ.” Fitchburg State University English Studies Department. Panelist. Dec 2015.
• Alumni Reader for the Prairie Schooner, beginning 2014 and ongoing.
• Contest judge for the University of Nebraska Press’ 75th anniversary literary contest, Voices of Nebraska: Diverse Landscapes, Diverse Peoples.

Eric Budd
ECONOMICS, HISTORY, AND POLITICAL SCIENCE

Scholarship

• Recipient of the Faculty Research and Scholarship Award, Fitchburg State University.

Catherine Buell
MATHEMATICS

Scholarship

• Presentations
  • Collaboration@ICERM Research Group co-organizer, participant, July 2016.
• Mathematics of Data at Duke University research workshop, September 2015.

Conference Invitations

• Mathematics of Data at Duke University research participant, July 2016.
• Collaborate@ICERM Research Group co-organizer, July 2016.

TALKS


James Colbert
HUMANITIES (EMERITUS)

Scholarship

Lectures
- "Translation, Dogs, Gilson, and Scotus," April 2016 at Conference on Duns Scotus, Étienne Gilson, and “the Future Legacy of the Subtle Doctor” at Notre Dame University.

Katharine Covino
English Studies

Scholarship

Publications

Presentations
- "Feminist Voices Today: The Intersection of Third-Wave Feminism and Contemporary Classroom Research,” NEPES Conference, October 2015.

Disseminated Work — Reproduced on Request:

Grants, Awards, and Honors
- Special Projects Travel Grant: Association of Literacy Educators and Researchers Annual Conference in South Carolina, 2016.

Danette Day
Education

Scholarship

Presentations

Papers
- "Mindfulness as a prerequisite to effective leadership; exploring the constructs that foster effective communication”—paper presentation at Northeastern Educational Research Association’s 47th Annual Conference, Trumbull, Connecticut, October 2016.

Posters
- “Developing mindful dispositions in teacher candidates”—poster presentation at the Association for Contemplative Mind in Higher Education’s Annual Conference, Howard University, Washington, DC, October 2015.

Panels

Creative Activity
- “India Summer 2016” (http://ddayindiasummer2016.blogspot.in/) Blog, Trip and Research in India, July 2016.
- “Our Lives Matter” Photo Exhibit highlighting members of the Black Student Union at the Amelia V. Gallucci-Cirio Library, Fitchburg State University, Spring 2016. Completed in collaboration with Fitchburg State University colleagues Coe McInnich, Communications Media; Sean Goodlett and Lori Steckerwecz, Library.

Grants
- Fitchburg State University Special Projects Grant: Academic Programming to Enhance a Diverse/Global Perspective to fund “How to Grow a Diverse Teacher Candidate Population: Plant Local Seeds.”

Community Service
- Task Force on Race Member, Massachusetts Teachers Association, December 2015 – present.
- Reboot McKay Project, Fitchburg State University library collaboration to restore the McKay Arts Academy/Fitchburg State University Campus School Library, May – September 2016.
- Career Fair at Fitchburg High School sponsored by Mount Wachusett Community College, April 2016.
Robin Dinda  
**HUMANITIES**

**Creative Activity**
- Composed *The Harmonious Blacksmith* for two organs at one organ; published 2016 by Wayne Leupold Editions.
- Arranged *The Liberty Bell* by J. P Sousa for two organs at one organ with optional bell; published 2016 by Wayne Leupold Editions.

**Community Service**
- Improvised an accompaniment to the 1925 film *The Phantom of the Opera* at First Parish Church, Fitchburg, Massachusetts; screened October 2015.
- Composed *Falcon Flight* for President’s Inauguration, October 2016.

Bruce Duncan  
**EARTH AND GEOGRAPHIC SCIENCES**

**Scholarship**

Nancy Duphily  
**NURSING**

**Scholarship**

**PRESENTATIONS**
- Shared Leadership Day, University of Massachusetts Memorial Medical Center; Clinical Practice Guidelines Poster Presentations; UMMMC/FSU Collaborative Project, April 2016.

**Creative Activity**

**Service Learning Projects**
- UMMMC/FSU Collaborative Project (Fall 2015- Spring 2016): Working with FSU nursing faculty and nursing staff educators from University of Massachusetts Memorial Medical Center (UMMMC), students enrolled in NURS3710 (Evidence Based Practice in Nursing) selected specific clinical practice guidelines recommended by staff educators in need of current review. The service learning project culminated in poster presentations during Shared Leadership Day at UMMMC.

**Community Service**
- Faculty Board Representative of the Nursing Honor Society Sigma Theta Tau International (STTI), Epsilon Beta Chapter, 2015-2016.

Adem Elveren  
**ECONOMICS, HISTORY AND POLITICAL SCIENCE**

**Scholarship**

**PUBLICATIONS**

**PRESENTATIONS**
Community Service

- Initiated and secured renowned economist, Dr. James K. Galbraith, for community presentation as part of the Presidential Inauguration program in October 2016.
- Member of the Editorial Board of Research and Policy on Turkey, an international scholarly journal published by Taylor & Francis group.
- Co-Guest editor (with Umit Sonmez) of the first issue of Research and Policy on Turkey.

Stephen Goldstein
COMMUNICATIONS MEDIA

Scholarship

- Taught week-long workshop on design of artist books at China Academy of Art/Shanghai Institute of Design (CAA-SID), Shanghai, China, June 2016.
- Interviewed graphic designers, university educators and publication editors in China (Beijing, Shanghai, Guangzhou, Shenzhen, Hangzhou), June 2016, for a book, Graphic Design in China Since 1979 (in preparation), and graphic design exhibition, (in preparation).

PRESENTATION


BOOK REVIEW


Creative Activity

- Received Ruth Butler Grant to support Communications Media Department Lecture Series. Invited lecturers included photographer Karin Rosenthal, Resident Scholar at the Brandeis University Women’s Studies Research Center, and Erik Weikert, graphic designer and art director at PILOT Design and Fitchburg State Alumnus.
- Faculty Art Exhibition, Fitchburg State University, October 2016.

Community Service

- Member Whittier Programs Advisory Board for graphic design and related vocational education programs, Whittier Vocational High School, Haverhill, Massachusetts.

Meledath Govindan
BIOLOGY AND CHEMISTRY

Scholarship

- Chair of the Central Massachusetts section of the American Chemical Society (ACS). Coordinated the activities of this section that included a scientific meeting held at Fitchburg State University. New faculty members from three area colleges and universities presented their research to an audience of nearly 50 chemistry faculty, students and industrial chemists from the central MA section. Served as the immediate-past Chair and Councilor of ACS, an elected position for a 3-year term beginning 2016. Council is the governing body of ACS, an organization of professional chemists with a worldwide membership of 158,000.
- Serves as the President of the New England Association of Chemistry Teachers (NEACT), an organization of college and high school chemistry teachers. As president, Dr. Govindan oversees the Association’s activities including planning and coordinating the annual Summer Conference. The 2016 Summer Conference was held August 8-11 at the Massachusetts College of Liberal Arts in North Adams, Massachusetts and featured presentations and teacher workshops on natural chemistry by professionals in the field from throughout New England including FSU’s own Erin Rehrig and Mathangi Krishnamurthy. A full program with abstracts and copies of the presentations can be found at www.neact.org.

PRESENTATIONS


Community Service

- Serves as the Contests Coordinator for the MA chapters of the North South Foundation. The Worcester chapter contests were held April 9-10, 2016 at Fitchburg State
University and the Cambridge chapter contests were on May 1 at Tufts University. Contests were held in spelling, vocabulary, geography, math, science, essay writing and public speaking. Dr. Govindan has been part of the coordinating team since 2002 and is responsible for managing the venues, recruiting and training technical coordinators, grading coordinators, judges and pronouncers, and for the conduct of the contests. Over 500 school children from MA, NH and RI participated in the seven contests. FSU has hosted the Worcester chapter contests continuously since 2006. (North South Foundation, www.northsouth.org, is an all-volunteer, non-profit organization based in Chicago that holds these contests at over 80 sites throughout the U.S. and Canada.)

Michael Greenwood
BUSINESS ADMINISTRATION

Scholarship

PUBLICATIONS

• “North Central Massachusetts Hiring & Human Resource Trends.”—the objective of this study was to gauge senior level profit and non-profit perspectives on emerging hiring, HR trend and issues in our region. NCMCC, Fitchburg, Massachusetts, January 2016.
• Thirty-three Sentinel and Enterprise Articles.

PRESENTATIONS

• “Refining Your Communication and Leadership Skills Using the DISC Behavioral Assessment Tool” NCMCC Community Leadership Institute, Fitchburg, October 2015.
• “Permanent Whitewater: Creative Organizational Leadership,” Keynote, Massachusetts Friends of Libraries, Gardner, Massachusetts, November 2015.
• “Leading Transformational Teams,” NCMCC Community Leadership Institute, Fitchburg, January 2016.
• “Introduction to Social Entrepreneurship Community Projects,” NCMCC Community Leadership Institute, Fitchburg, February 2016.

• “Ethical Business Leadership,” NCMCC Community Leadership Institute, Fitchburg, April 2016.
• “The Marshmallow Challenge-Organizational and Team Based Problem Solving.” NCMCC Community Leadership Institute, Fitchburg, May 2016.
• “Lean Six Sigma,”—a series of MA Workforce Training Fund, grant funded, workshops on how to build and sustain high performing teams using Lean Six Sigma. North Middlesex Savings Bank, Ayer, Massachusetts.

Creative Activity

• “Building High Performance Teams Using Business Simulation”—used business simulation software to train local executives how to resolve conflicts, seek feedback, make decisions under uncertainty, and work together as a team. NCMCC Community Leadership Institute, Fitchburg, Massachusetts, October 2015 – May 2016

Community Service

• Invited to lead the initial strategic planning meeting for the UMass Memorial HealthAlliance Hospital-Leominster CHART Grant. Established through the Commonwealth’s landmark cost containment law, Chapter 224 of the Acts of 2012. CHART is a grant program that will make phased investments for certain Massachusetts community hospitals to enhance their delivery of efficient, effective care. Leominster, Massachusetts, October 2015.
• Invited by the Westminster Massachusetts Historical Society to lead a strategic retreat and subsequent strategic planning process. Westminster, Massachusetts, November 2015.
• Invited by the Fitchburg Cultural Alliance to lead a series of strategic planning meetings. Fitchburg, Massachusetts, 2015.
• Member, Board of Directors, Fitchburg Cultural Alliance, Fitchburg, Massachusetts, 2015-2016.
• Member, Leadership Council, North Central Massachusetts Chamber of Commerce, Fitchburg, Massachusetts, 2015-2016.
• Chair, North Central Massachusetts Community Leadership Institute Steering Committee, Fitchburg, Massachusetts, 2015-2016.
• Founding Board Member, Greater Gardner Business Incubator, Inc. Gardner, Massachusetts.
• Invited by Fitchburg Access Television to consult on the strategic research process. Fitchburg, Massachusetts, April 2016.
• Invited to serve as interim chair, NCMCC Manufacturing CEO Roundtable. Fitchburg, Massachusetts, Fall 2015.
Randall Grometstein
BEHAVIORAL SCIENCE

Scholarship
• Chapter entitled “The Ethics of Forensic Science: Proceed with Caution” submitted to Ronn Johnson, editor, for inclusion in Emerging Technologies in Forensic Science, forthcoming in March 2017, to be published by Ashgate in their series Emerging Technologies, Ethics and International Affairs.

Robert Harris
COMMUNICATIONS MEDIA

Creative Activity
• Film Exhibition in “New Year New Works 2016,” Filmmakers Coop, Charles S. Cohen Screening Room, NY, NY. IN THE STREETS
• Fitchburg State University Faculty Art Show, Hammond Gallery ONTARIO 3 channel video.
• Video Editing and exhibition design work with artist, filmmaker and video pioneer Aldo Tambellini:
  • Editing work for ZKM/Center for Art & Media, Karlsruhe, Germany
    o TV About TV: The Royal Wedding
    o TV About TV: The Day Before the Moon Landing
    o TV About TV: Myra
  • Editing work for Tate Modern Museum, London, England
    o BLACK SPIRAL
  • Editing work for “A Feast of Astonishments: Charlotte Moorman and the Avant-Garde, 1960s-1980s,” Grey Art Gallery, NYU
    o Interview with Charlotte Moorman
• Served as Artistic Director—for the 25th year—of the New York State Summer School of the Arts: Media Arts program, SUNY Oswego, New York, July 2016.

Jonathan Harvey
HUMANITIES

Scholarship
PUBLICATION
• “C.P.E. Bach’s Heilig, H.778: Construction of Narrative Meaning.” The Choral Scholar 5/1, Fall 2015.

PRESENTATION

Creative Activity
• Prepared the chorus for the New England premiere of Philip Glass’s Symphony no. 7, “A Toltec Symphony” with the Pioneer Valley Symphony Orchestra and Chorus, October 2015.

Community Service
• New Hampshire Music Educators Association Large Ensemble Festival adjudicator, December 2015.
• American Choral Directors Association Eastern Division Conference performance site manager, February 2016.

Michael Hoberman
ENGLISH STUDIES

Scholarship
PUBLICATIONS
• “Home of the Jewish Nation: London Jews in the eighteenth century Anglo American imagination.” Accepted for publication in Eighteenth-Century Studies 51.1 (Fall 2017)

Beverley Hollingsworth
BUSINESS ADMINISTRATION

Scholarship

Michael Hove
PSYCHOLOGICAL SCIENCE

Scholarship
PUBLICATIONS


**CONFERENCE PRESENTATIONS**


**INVITED TALKS**

- Science and Religion Colloquium, Boston University, March 2016.

- Joint Action and Perception as Emergent Phenomena Conference, Cuernavaca Mexico, December 2015.

**PRESS COVERAGE**


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**Anne Howard**

**EDUCATION**

**Scholarship**


**Community Service**


- Federation for Children with Special Needs, Boston, Massachusetts—Board President, February 2016-Present.

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**Walter Jeffko**

**HUMANITIES**

**Scholarship**


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**Kate Jewell**

**ECONOMICS, HISTORY, AND POLITICAL SCIENCE**

**Scholarship**


**CONFERENCE PRESENTATIONS**


- Commentator, “Dixie: Race and Place in the American South,” American Political History Institute Graduate Student Conference, Boston, Massachusetts, April 2016.
LECTURES
- “From Counterculture to Indie Rock: Tracing a New History of Student Activism in College Radio,” The Department of History and American Studies Joshua B. Stein Works in Progress Lecture Series, Roger Williams University, November 2016.

Lynne Kellner
BEHAVIORAL SCIENCES

Scholarship

CONFERENCE PRESENTATION

PROFESSIONAL CONTRIBUTIONS
- New England Regional Director for the Council for Standards in Human Services Education.

Community Service
- Council for Standards in Human Services Education—New England Regional Director. Served as outside reviewer for Human Services Programs seeking (re) accreditation through the Council and provided consultation on current standards to area programs.

Kay (Kwahng) Kim
BUSINESS ADMINISTRATION

Scholarship

Megan Krell
BEHAVIORAL SCIENCES

Scholarship

PUBLICATIONS

PRESENTATIONS
- “Turning ‘I can’t’ into ‘I can!’ Increasing counselor trainees’ research self-efficacy” — presented at the biennial conference of the North Atlantic Region Association for Counselor Education and Supervision, Syracuse, New York, September 2016.
Aruna Krishnamurthy
ENGLISH STUDIES

Scholarship

ESSAYS

Creative Activity

GRANTS
- Secured a grant from the Department of Elementary and Secondary Education to support more simulation time, purchase supplies, and to attend additional training for TeachLive.
- Special Projects Grant through Fitchburg State University to support more simulation time, purchase supplies, and to attend additional training for TeachLive.

Denise LaFrance
EDUCATION

Scholarship

PRESENTATIONS

Creative Activity

GRANTS
- Secured a grant from the Department of Elementary and Secondary Education to attain technology and implement TeachLive, a mixed reality simulation experience for teaching candidates.
- Special Projects Grant through Fitchburg State University to support more simulation time, purchase supplies, and to attend additional training for TeachLive.

Benjamin Levy
MATHEMATICS

Scholarship

PUBLICATIONS

PRESENTATIONS
Benjamin Lieberman  
ECONOMICS, HISTORY, AND POLITICAL SCIENCE  

Scholarship  
• Along with Dr. Elizabeth Gordon, I am writing a text on Climate Change in Human History.

Monica Maldari  
EXERCISE AND SPORTS SCIENCE  

Scholarship  
• Received Fitchburg State University Special Projects Grant for ongoing research, 2015-2016.  

PRESENTATION  
• Massachusetts Association of Cardiovascular and Pulmonary Rehabilitation (MACVPR), winter conference, Framingham, Massachusetts, January 2016, “Tipping the Balance Toward Better Outcomes: A review of fall risk assessment and neuromotor training recommendations.” (co-presented with Esther Burchinal, Emerson Hospital.)

Nirajan Mani  
INDUSTRIAL TECHNOLOGY DEPARTMENT  

Scholarship  

PUBLICATION  

AWARDS  
• Received Center for Teaching and Learning 2015-16 Innovation Grant, “Teaching Construction Courses Using Simulation and Visualization Gaming Approach” at Fitchburg State University.  
• Received Special Project Grants (Assessment of Student Learning Outcomes) at Fitchburg State University.

Creative Activity  
• Conducted research activities related to construction safety, productivity, 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.

Tara Mariolis  
NURSING  

Scholarship  

AWARDS  
• Recipient, Graduate Leadership Award, University of Massachusetts Amherst, College of Nursing ($500).  

Community Service  
• 2016-present—Reviewer, Journal of Child and Adolescent Psychiatric Nursing.  
• 2016-present—Reviewer, Scholarly Review Committee, American Psychiatric Nurses Association National Conference.

Kevin Mccarthy  
COMMUNICATIONS MEDIA  

Creative Activity  
• Spin Cycle (Producer, Director) Video Installation screenings: December 2015, CenterStage Faculty Show, Fitchburg State University; September 2016, Artcroft Film and Video Festival, Millersburg, Kentucky.  
• “Super 8mm Triptych” — Photography: December 2015, CenterStage Faculty Show, Fitchburg State University.
• My Dark Side and My Light Side Meet in a Bar to Discuss the New Star Wars Movie, (Actor/Body Double) - Short Film screenings: April 2016, Independent Film Festival Boston, Somerville, Massachusetts; September 2016, South Dakota Film Festival, Aberdeen, South Dakota.

Community Service
• Massachusetts Production Coalition (MPC).
• Massachusetts State House Legislative Briefing:
  o Panel Discussion on the Massachusetts Film & Television Incentive Program (Panelist).

Philip McCormack
BEHAVIORAL SCIENCES

Scholarship
PAPER

POSTER
• Philip D. McCormack, Francesca Spina, and David Patrick Connor, “Sustainability in prisons: Saving ‘green’ by going green and returning to a ‘correctional’ framework”—presented at the Annual Meeting of the Academy of Criminal Justice Sciences, 2016.

Sally Moore
HUMANITIES

Creative Activity
ART SHOWS
• reroute/reroot;”—one-person show, Barbara Krakow Gallery, Boston, Massachusetts, 2015.
  o Show was reviewed in The Boston Globe/Galleries, “Desire transformed at Samson,
codified at Krakow;” Cate McQuaid, April 14, 2015. Review of one-person show, reroute/reroot at Barbara Krakow Gallery.
• “Migrations;”—group show, Resnikoff Gallery, Roxbury Community College, Boston, Massachusetts, 2015.
• “Insider/Outsider Nation;”—group show, Resnikoff Gallery, Roxbury Community College, Boston, Massachusetts, 2016.

WORKSHOPS
• “Innovations in Shadow Puppet Theater;” Puppet Showplace, Brookline, Massachusetts.
• “Advanced Shadow Puppet Theater;” Puppet Showplace, Brookline, Massachusetts.
• Created a one-person show, “Dreaming of Whales,” in this workshop and performed it in a professional Puppet Slam at Puppet Showplace Theater.
• Pageant Puppetry Workshop in Morinesio, Italy, Processional Arts Workshop. Created large scale puppet for pageant parade through Morinesio, Italy.

Joann B. Nichols
EDUCATION

Scholarship
• Published article in The International Journal of Pedagogy and Curriculum, Volume 24, Issue 1: “Piaget and the Common Core.”

Community Service
• Service dog, Beauty, is welcomed in college classroom before service visits as a “reading partner” therapy dog to 3rd graders at the McKay Arts Academy. Beauty “listens” while children practice reading aloud with this motivating incentive.

Audrey Pereira
BUSINESS ADMINISTRATION

Scholarship
PRESENTATIONS
• “Strategic approaches to increase course management system adoption by higher education faculty”—presented at the Society of Business, Industry and Economics (SOBIE) 2016 Meeting, Destin, Florida, April 2016.
• “Course Management System Training is Not ‘One Size Fits All’: Factors that Influence Faculty to Complete Course Management System”—presented at the Massachusetts State Universities Chief Information Officers (CIO) Council Meeting, University of Massachusetts, Shrewsbury, Massachusetts, January 2016.
• “Embedding assignment specific grading rubrics into a course management system grading module”—presented at the International Assembly for Collegiate Business Education (IACBE), Regional Assembly Conference, Nichols College, Dudley, Massachusetts, October 2015.
• “How perceptions influence higher education faculty member willingness to complete information technology training on a course management system”—presented at the Northeastern Association of Business, Economics and Technology (NABET) 2015 Annual Meeting, State College, Pennsylvania, October 2015.

Benjamin Railton
ENGLISH STUDIES

Scholarship

PUBLICATIONS
• Online pieces published on multiple sites, including more than 20 pieces at the Huffington Post, 5 pieces at We’re History, and individual pieces with The American Prospect, Fortune.com, The Conversation, and Democracy Journal.

PRESENTATIONS
• “Building a Public Scholarly Career through Short-Form Online Writing”—individual conference presentation, Historical Writers of American Conference, Colonial Williamsburg, Virginia, August 2016.
• “From Reunion to Conversion: Popular Culture Embraces the Ku Klux Klan, 1877-1905”—invited panel presentation, Southern Historical Association Conference, Little Rock, Arkansas, November 2015.

Selected to serve on the Editorial Board of “EC Microbiology.”
Served as a contributor and peer-reviewer for OpenStax Publications “Microbiology” and “AP Biology” textbooks. OpenStax is a nonprofit based at Rice University that publishes free open access downloadable college textbooks. OpenStax is supported by Rice University, the Laura and John Arnold Foundation, Bill & Melinda Gates Foundation and the William and Flora Hewlett Foundation.

Creative Activity
• Collaborated (with Biology Student, Preston Novak) in the creation of agar art plate that was included at a Bio-Art exhibit at the South Korean Science Museum (Gwacheon National Science Museum), the largest Science museum in Asia. The piece was also shown at an exhibit at the American Society of Microbiology Headquarters and numerous websites.

Billy Samulak
BIOLOGY AND CHEMISTRY

Scholarship

Community Service
• Fall 2016, partnered with McKay Arts Academy to perform science experiments with the students in the third grade classrooms. The main goal was to have students explore scientific principles, make predictions, collect data, and not have a “correct” answer. Visited each third grade class four times and did four activities with them. On the fifth visit, the students came to Fitchburg State University where I gave them a tour of the science building, discussions and lab experiments. Currently working on a project to incorporate into the fourth grade classrooms.

Sean Rollins
BIOLOGY AND CHEMISTRY

Scholarship
• Invited to give an oral presentation at the American Society of Microbiology Conference on Undergraduate Education. Also, chaired a breakout session.
• Selected to serve on the Editorial Board of “The Annals of Nursing Practice and Research.”
Scholarship

- "Book Burning after Augustus"—invited lecture given at Brown University, Providence, Rhode Island, March 2016.
- Served as a panelist and participant in the Medieval Studies Workshop for Secondary Educators held at Fitchburg State University, April 2016.
- "Book Burning in Roman Memory and Representation"—scholarly paper given at the 19th Annual Mediterranean Studies Association International Congress, Università degli Studi di Palermo, Sicily, May 2016.

Creative Activity

- Studied the ukulele in the Fitchburg State University Foundation Music Program.

Community Service

- Serves as Chairman of the city of Fitchburg’s Board of License Commissioners.

Ricky Sethi

COMMUNICATIONS MEDIA

Scholarship

- Presented poster: “Towards Defining Groups and Crowds in Video Using the Atomic Group Actions Dataset” at the 22nd International Conference on Image Processing (ICIP) at Quebec City, Canada, September 2015.
- Invited Member of the National Science Foundation (NSF) “Cyber Workshops: Resources and Strategies for Teaching Cybersecurity in Computer Science (CReST),” 2016.
- Invited Member of the Institute for Advanced Studies (IAS) 26th Annual Park City Math Institute (PCMI) for developing an “Undergraduate Curriculum in Data Science”
- Received Grant from the National Endowment for the Humanities (NEH) Digital Humanities Start-Up program for $40,000 from 2016–2017 with co-Pls Dr. Catherine Buell (FSU) and Dr. William P. Seeley (Bates College). NEH Award HD-248360-16 “Scientific Workflows, Image Analysis, and Visual Stylometry in the Digital Analysis of Art,” 2016.
Service Learning Projects
• Started Political Science Internship Program with organized and required internships for students serving the local, regional, statewide, national, and international communities.

Community Service
• Panelist: Fitchburg State and Sentinel & Enterprise Co-Sponsored City of Fitchburg Mayoral Debate.
• Chair: Economics one-year position, Department of Economics, History, & Political Science.
• Advisor: Political Science Club in hosting community-wide panel discussion with Fitchburg State University President, Fitchburg City Mayor-Elect, and Fitchburg Ward Councilor (covering university in his district): “Building a New University-City Partnership.”

Peter Staab
MATHEMATICS

Scholarship
PRESENTATIONS
• “Searching for π: finding the digits the most famous mathematical constant,” Pi Mu Epsilon Induction Ceremony, Fitchburg State University, April 2016.
• “WeBWorK: Building the Next Generation to Make an Impact in the Classroom,” Joint Mathematics Meetings, Baltimore, Maryland, January 2014.
• “−1 (Calculus I): How and Why I Decided to Flip the Calculus Classroom,” Joint Mathematics Meetings, Baltimore, Maryland, January 2014.

MANUSCRIPT IN PROGRESS
• “A Mathematician Examines Magic Squares: A careful look at a recreational mathematical topic.”

Shari Stokes
EDUCATION

Scholarship
• Presentation: “How to Support Constructive Student Behavior in the University Classroom”—presented to faculty at Fitchburg State University Professional Development Day, January 2015.
• Publication: Strategies that foster constructive behavior: Classroom management, instruction, behavior change support plans, and more. San Diego, California: Cognella. Publication date: August 1, 2017.

Community Service
• Chelmsford, Massachusetts Public Library Book Sale Volunteer, September 2015.

Deborah Stone
NURSING

Scholarship
PRESENTATIONS
• Poster presentation, 28th Annual Scientific Session of Eastern Nurses Research Society, April 2016. Title: “Intimate Partner Violence Among the late Adolescent and Young Adult Populations: A Critical Social Theory Perspective.”
• Guest Speaker at Sigma Theta Tau International, Epsilon Beta Chapter’s Spring Lecture, May 2016. Title: “Late Adolescent and Young Adult IPV: Through A Critical Social Theory Lens.”

David Svolba
HUMANITIES

Scholarship

Elisabet Takehana
ENGLISH STUDIES

Scholarship
ARTICLES
• “Prying Open the Oyster: Creating a Digital Learning Space from the Robert Cormier Archive” The ALAN Review 43.3, Summer 2016—co-authored with Annmary Consalvo.

ARCHIVE PROJECT
• Robert Cormier Symposium
  • Published the digital exhibit, “Evil, Empathy, and Finding Humanity: Selections from the Robert E. Cormier Archive.”
  • Organized the October 12, 2016 Robert E. Cormier Symposium: An Interdisciplinary Forum on Hate, Bullying, and Terrorism.

Donald Tarallo
COMMUNICATIONS MEDIA

Scholarship
### Creative Activity
- Release of original typeface design on FontSpring.com and YouWorkForThem.com— typeface name: Binario.

### Community Service
- Graphic designer for Community MusicWorks, Providence, Rhode Island.
- Graphic designer for Regional Environmental Council, Worcester, Massachusetts.

### Stephen Taylor
**COMPUTER SCIENCE**

**Scholarship**
- Presented “Recognizing Palestinian Accents,”— co-authored with Abualsoud Hanani, Hanna Basha, Yasmeen Sharif, at SPED 15 in Bucharest, Romania, October 2015.
- Will present “Classifying ASR Transcriptions Accord to Arabic Dialect”—co-authored with Abualsoud Hanani, Aziz Qaroush, at the 3rd Workshop on Language Technology for Closely Related Languages, Varieties and Dialects (VarDial), Osaka, Japan, December 2016.

**Community Service**
- Semi-annual High School Programming Contest, held at Fitchburg State for teams of high school students in May and December.

### Teresa Fava Thomas
**ECONOMICS, HISTORY, AND POLITICAL SCIENCE**

**Scholarship**

**PUBLICATIONS/BOOKS**

**BOOK CHAPTER**
- “Occupation, Hunger and Disease: The Women of Revine Lago in the Great War,” a chapter published in online journal: *Proceedings of the Deportees, Exiles and Refugees Conference, Living War. Thinking peace (1914-1921).* Women’s experiences, feminist thought and international relations,” Venice, Italy; published by University Ca’Foscar University Ca’Foscari Università School of International Relations), 2016.

**CONFERENCE PRESENTATIONS**

**INVITED PUBLIC LECTURES**

**FITCHBURG STATE PRESENTATIONS**
- “Restoration of Musical Performance Spaces in Venice and Rome,” part of the Center for Italian Culture’s Music in the Age of the Scientific Revolution and Humanism, hosted by Prof. Michele Caniato, Kent Recital Hall, October 2016.
- “Fifteen Years After: Lessons from the ‘War on Terror,’”—panel Eric Budd, Teresa Fava Thomas, H. Urbanski and R. Caputi, hosted by Prof B. Lieberman, May 2016.

### Samuel Tobin
**COMMUNICATIONS MEDIA**

**Scholarship**

**BOOK CHAPTERS**

**REFEREED ARTICLES**

NON-REFEREED ARTICLES

• “Untitled”—video piece for Ethnography in the Expanded Field exhibition, Graduate Institute for Design Ethnography and Social Thought (GIDEST), the New School, New York, April 2016.

CONFERENCE PRESENTATIONS

• “Putting the Old in Oldhammer: Tabletop Memory Work,” Game History Symposium, Montreal, Canada, June 2016.


Kisha Tracy

ENGLISH STUDIES

Scholarship

PUBLICATIONS


• “The Graduate Student in the Research Wonderland,” Fitchburg State University Graduate and Continuing Education Blog, June 2016.

CONFERENCES/COLLOQUIA/PRESENTATIONS

• “Students Are People Too,” 46th Annual Conference of the International Society for Exploring Teaching and Learning; Salt Lake City, Utah, October 2016.

• “Four of a Kind: Active, Creative, Reflective, and Relative,” 46th Annual Conference of the International Society for Exploring Teaching and Learning; Salt Lake City, Utah, October 2016.


• Guest Speaker, English Graduate Colloquia, “Mental Disabilities and the Medieval Saint,” Fitchburg State University; November 2015.


• “Chaucer Pilgrimage Site: Pedagogical Benefits of Combining Physical and Digital Learning Spaces,” 2015 New England Association of Teachers of English; Mansfield, Massachusetts, (Co-presentation with four students), October 2015.


• Organizer/Panelist, Roundtable; “Disability Studies in the Middle Ages,” Medieval Academy Annual Meeting; Boston, Massachusetts, February 2016.
Heather Urbanski  
ENGLISH STUDIES

Scholarship

• “Joyful Disruption: Narratology and the Science Fiction Franchise,”—paper presented at MidAmeriCon2, 2016 World Science Fiction Convention, Kansas City, Missouri, August 2016.
• “Collaborative Codes of Conduct for the Classroom,”—poster presented at New England Faculty Development Consortium conference, Tufts University, May 2016.

Community Service

• Staff member of Incident Response Team, 2016 World Science Fiction Convention 2016.

Susan Wadsworth  
HUMANITIES

Scholarship

• Created over 40 works on paper from travels to Italy, Canada and Vermont.

Creative Activity

• Fall Open National Fall Exhibition at the Southern Vermont Art Center, Manchester, Vermont, September - October 2016.
• “In the Beginning”—a CMWCA exhibition at the Townsend Library Meeting Hall Gallery, September 2016.
• “81st Regional Exhibition of Art & Craft,” Fitchburg Art Museum, Summer 2016.
• Solo exhibition, Southern Vermont Art Center, Manchester, Vermont, February 2016.
• “Jump Start”—a Central Massachusetts Women’s Caucus for Art Exhibition at the Munroe Center for the Arts Galleries, Lexington, Massachusetts, January – February 2016.
• Fall Foliage Art Studio tour, open studios, Monadnock Region, October 2016.
• “Southern Vermont Artists summer Members show,” Manchester, Vermont, September 2015.

Community Service

• Leominster Art Association, juror of awards, April, 2016.

Jeffrey Warmouth  
COMMUNICATIONS MEDIA

Creative Activity

• Exhibited interactive installation “JeffuBurger” at 404 International Festival of Art & Technology at Capital Junior College, Bogotá, Colombia.
• Performed “DADA IPSUM,”—a massively multiplayer sound poem, at Blago Bung X at Cabaret Voltaire, Zürich, Switzerland, and “Blago Bung 12” at Emily Harvey Foundation, New York, NY.
• Screened Fluid Bodies at KLEX Open Programme, Kuala Lumpur, Malaysia.
• Screened Stacks at Art on the Marquee, Boston Convention & Exhibition Center.
Amy Wehe  
MATHEMATICS

Scholarship

PRESENTATIONS

Community Service
- Community member of the School Council at Northwest Elementary in Leominster, Massachusetts.
- Organized and facilitated Middle School Math Circle at McKay Arts Academy with the help of several Fitchburg State University students.
- Organized German Table “Stammtisch” at Fitchburg State University.

Daniel Welsh  
BIOLOGY/CHEMISTRY

Scholarship
- Part of a seven-member faculty group from several disciplines that was awarded a large, 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. Daniel Welsh’s role in the project will focus on the biological condition of the river by exploring the health and diversity of the fish community, thereby providing students with opportunities to engage in scientific research through participation in experimental design, hands-on field work, and data analysis.
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Scholarship

Creative Activity

Community Service

Service Learning Project

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PUBLICATIONS

PRESENTATIONS

PAPERS

POSTERS

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