Community of scholars
September, 2011 – September, 2012
Foreword

We are pleased to present the revival of the annual edition of a publication to honor the creative 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.”
Anne Anderson  
*Mathematics*  
**CREATIVE ACTIVITY:**  

Kevin Austin  
*Computer Science*  
**SCHOLARSHIP:**  
This is a peer-reviewed paper with a corresponding conference presentation delivered in Boston on Sept. 3, 2011.  

**COMMUNITY SERVICE:**  
In addition, I performed public service by coaching youth basketball at the Worcester JCC and baseball for the Jesse Burkett Little League in Worcester. I also volunteered to help with the “Spree Day” activities at Midland Street School.

Laura Baker  
*Economics, History, Political Science*  
**SCHOLARSHIP:**  

**COMMUNITY SERVICE:**  

Mary Baker  
*Communications Media*  
**CREATIVE ACTIVITY:**  
Project: *Pretty People* / Role: Associate Producer  
Description: A 30-minute documentary that examines how physical disability is represented in the media through the personal viewpoints of five actors with different physical disabilities. The film screened at the NewFilmmakers Los Angeles Showcase in December 2011 and the Cleveland International Film Festival in March 2012.

Mary Ann Barbato  
*Mathematics*  
**SCHOLARSHIP:**  
Published the following paper  
$K_{n3} - subdivision Tolerance Representations of Cycles$


Marcel F. Beausoleil  
*Behavioral Sciences*  
**SCHOLARSHIP:**  
- 2012- Founding member and First Vice President of new organization: Massachusetts Association of Criminal Justice Education.  
- 2012 - Northeast Association of Criminal Justice Sciences Conference at Roger Williams University Bristol RI – Presentation: “Integrating Ethics/Integrity into the Criminal Justice Curriculum”  
- 2012 – Massachusetts Association of Criminal Justice Education Conference Massasoit Community College Presentation: “Untruthfulness by Police Officers: The Problem and the Changing Legal Landscape”  
- 2012 – Academy of Criminal Sciences Conference New York City – Forum Panel Member: The National-Scope Demonstration Project to Integrate Crime Victims’ Issues into University and College Curricula  
- 2011 – Wrote and awarded grant from UMASS Lowell and Office of Victims of Crime: Integrating Victims Issues into the Classroom  
- 2011 – Northeast Association of Criminal Justice Sciences Conference Roger Williams University Bristol RI: Panel Chair and Presentation delivered – “Accountability of Private Police”  

**COMMUNITY SERVICE:**  
2012 – Presented training on Cultural Competency and Diversity to the Westfield Campus Police Department.
Eric N. Budd  
**Economics, History, Political Science**  
**SCHOLARSHIP:**  
My manuscript *Conflicted are the Peacemakers: Israeli and Palestinian Moderates and the Death of Oslo* was accepted for publication by Continuum/Bloomsbury, and will be published in November 2012. I have also been working on a reader in Peace Studies with Dr. John Chetro-Szivos, which we hope to submit for publication in the near future. Finally, I am starting a research project on political change.  

**SERVICE LEARNING PROJECTS:**  
Students in my *Global Issues* class who are Education majors, and have already done practicums etc. are given an option to teach a lesson plan on a Global Issue instead of writing the usual research paper. The students design the lesson plan, and then teach it to a classroom in the area.  

**COMMUNITY SERVICE:**  
Co-founder of the Fitchburg Public Library Film Series, active member of the Crocker Center for Civic Engagement, co-founder and active member of the Center for Conflict Studies, organizer of the FSU Speakers Series, faculty advisor for Model UN, guest speaker Rotaract Dinner (Spring 2012), President of the Northeastern Political Science Association until November 2011, and as the Immediate Past President since November 2011 I spearheaded the Association’s recent revision of its constitution.  

Michele Caniato  
**Humanities**  
**SCHOLARSHIP:**  
Conducting – Coached and conducted the Metropolia Big Band in Helsinki Finland (Fall 2011) You Tube [http://youtube/6Ca66yCuUo8](http://youtube/6Ca66yCuUo8)  
Workshops:  
- Pirkanmaan Musiikkikopisto Big Band  
  (Tampere, Finland, 2011)  
- Torvikopia Big Band (Tampere, Finland, 2011)  
Lectures – Metropolia University- Helsinki Finland. Guest Lecturer (fall 2011) Taught: Jazz Composition seminar and Jazz Composers Spotlight Talks; Lectures also in the Film and Television Department (music in film), and Classical Music Department (introduction to twentieth-century composition: Debussy, Ives, and Bartok)  
Research – Speaker and researcher for the “Jazz, Criticism, and American Politics” Musicology International conference: Boston University, April 12-13, 2012. Worked on archival materials by Johnny Mercer, Abel Meeropol, Ella Fitzgerald, and Nelson Riddle, invited guest singers, arranged and conducted the a-cappella choir for the concert.  

Honors, Awards and Grants :  
- Fulbright Scholar Grant to Metropolia University, Helsinki, Finland composition, conducting, guest lectures (fall 2011)  
- Article identified and cited as essential reading on jazz in the *Oxford Bibliographies Online* (2011)  

**COMMUNITY SERVICE:**  
Spoke about the immigrant to the U.S experience at the Central Mass Genealogical Society in Gardner, as part of a panel of fellow Fitchburg State faculty colleagues (Sept. 2012)  

Xuzhou Chen  
**Computer Science**  
**SCHOLARSHIP:**  
List of published works:  

John Chetro-Szivos  
**Communications Media**  
**SCHOLARSHIP:**  


• Chetro-Szivos, J. & Parrish-Sprowl, J. (2012) The Coordinated Management of Meaning: A Practical Theory. A weekend workshop on the use of CMM held at Fitchburg State University. This is a joint project of Fitchburg State University and Indiana University and Purdue University of Indianapolis.

• Chetro-Szivos, J. & Parrish-Sprowl, J. (2011) The Coordinated Management of Meaning: Uses for Circular Questioning. A weekend workshop on the use of CMM held at Fitchburg State University. This is a joint project of Fitchburg State University and Indiana University and Purdue University of Indianapolis.


• Chetro-Szivos, J. (2011) Paper delivered at the Festschrift to honor Barnett Pearce on Taking a Communication Perspective. Santa Barbara, CA. Pearce is a leading communication theorist and I am one of ten scholars who will deliver a paper to mark his career.

• Keynote Address: Society for Professional Communicators, Worcester, MA. A Manager’s Toolkit for Communication.

• Keynote Address: University of Massachusetts Medical School, Worcester, MA. Constructing Conversations: Working with Patient Stories.

SERVICE LEARNING PROJECTS:
• Supervised students Communication Audit of the Cleghorn Neighborhood Center
• Led the Strategic Planning Process for the Cleghorn Neighborhood Center
• Led students doing an organizational analysis of the food pantries for the towns of Pepperell, Acton, Townsend, Devens, and Concord.
• Supervised students delivering resume skills workshops at Fitchburg Public Library.

• Provided direction to the fifteen Americorps members serving the Fitchburg – Gardner area through a joint grant with Mt Wachusett Community College.

COMMUNITY SERVICE:
• Designed and moderated a community panel “ Bridging the Gap in Gender Communication.
• Designed and moderated a community panel “ The Sandwich Generation: Caring for Elderly Family Members, Family, and Work.”
• Designed and moderated a panel “ Social Media as a Tool in Job Hunting.”
• Designed and co-directed the Next Generation Leadership Public Safety Summit. In both 2011 and 2012 which provides training to police officers throughout New England.
• Conducted community salons each semester for citizens of the Fitchburg area to address a wide-variety of community issues.
• Served as the Chair of Social Construction as Communication Division of the National Communication Association (2012).
• Served as Vice-Chair and Program Planner for Social Construction as Communication Division of the National Communication Association (2011).
• Reviewer for the Language and Social Interaction Division of the National Communication Association (2012).
• Served on the Planning Team for the 2012 CMM Institute Learning Exchange.
• Elected to the Board of Directors of the CMM Institute.
• Served as the outside reviewer for the Communication Studies Department at Roger Williams University, Bristol RI.

Ronald P. Colbert
Education
COMMUNITY SERVICE:
• Member, Board of Directors of Massachusetts Teachers Association (MTA), 2007-2013
• Member, Massachusetts Higher Education Constituent Council (HELC), 2007-2013
• Member, Executive Board of National Council for the Accreditation of Teacher Education (NCATE), 2010-2013
• Member, Council for the Accreditation of Educator Preparation (CAEP), International Teacher Education Accreditation Committee, 2012-2013
• Chair, The Coalition of Organizations for the Professional Preparation of Educators (COPPE), 2012-2014
• Member, Strategic Pastoral Planning Committee, Catholic Community of Wilmington - South Tewksbury, Archdiocese of Boston, 2011-2013
• Past President, Board of Directors of Fitchburg State University Alumni Association, 2012-2013
Annamary L. Consalvo
English Studies

SCHOLARSHIP:
Publications:

Presentations:

Special Projects:
• May 2012. Special Projects Grant: Academic Programming to Enhance a Global Perspective, Fitchburg State University - $500. Young Adult literature book club books to support diverse perspectives.
• March, 2012. Innovation Grant, Center for Teaching and Learning, Fitchburg State University - $1,000. Rigor and caring in secondary writing and reading instruction: Spaces for teacher/student communication.

Lucy Dechene
Mathematics

SCHOLARSHIP:
• Modules for the Massachusetts Department of Higher Education Mathematics Preparation for Elementary Teachers website http://www.mass.edu/meetings/MathPrep.asp
  “In and Around: Area, Surface Area and Volume”
  “What Curves Fit my Data? I Regress.”
• “Mitochondrial Dysfunction, Post-exertional Malaise and CFS/ME.” Published by the Massachusetts CFIDS/ME & FM Association online April 2011 at http://www.masscfids.org/resource-library/13/302

CREATIVE ACTIVITY:
• Carillon recital at Mead Chapel, Middlebury College, July 2012.
• Carillon Recital for the 80th Anniversary of the Wellesley College Carillon, July 2011.
• Associate organist/director for the 60th Anniversary Mass for Msgr. Richard Collette, June 2012 at St. Joseph Parish, Fitchburg.

COMMUNITY SERVICE:
• Board member of Massachusetts CFIDS/ME & FM Association (1990- )
• Chair, Website Editorial Committee for Massachusetts CFIDS/ME & FM Association.
• Choir member at St. Francis of Assisi Parish, Fitchburg

Daneen Deptula
Behavioral Sciences

SCHOLARSHIP:
Published research paper:

Laurie DeRosa
Education

SCHOLARSHIP:
• Presented at International Conference: “TEAM Spirit: A Recipe for Success”, Indianapolis, IN
• Chapter Proposal Accepted for Teacher Leadership Book
• Co-member of Early Childhood Committee preparing NCATE report

RESEARCH ACTIVITY:
• Exploration of the ePal Global Community with 11 Education Students
• Committee Chair for “Counting Down the Decades Dance” at the 100th KDP Convo Celebration in Indianapolis, IN

SERVICE LEARNING PROJECTS:
• Faculty Director for the annual Special Olympics Event for over 5 years
• Mentored 10 Education Major Scholars to present at International Conference, KDP Convo, Indianapolis, IN

COMMUNITY SERVICE:
• Chapter Counselor for KDP / earned 4th consecutive A.C.E. Award (Achieving Chapter Excellence) for community service activities including Read for the Record, Literacy Alive, Book Donations, Workshop Professional Development Presentations, and sponsoring the annual Special Olympics Event.
• National Committee Member planning the 100th celebration of KDP
Rala Diakite  
**Humanities**

**SCHOLARSHIP:**
- Sabbatical research – During my sabbatical, I began work on a book to be entitled “Italian Theatre: Act and Learn.” It will utilize theatre as a vehicle for improving fluency in Italian at the advanced intermediate level, and for exposing students to the richness of Italian culture across the centuries. Also for this project, I travelled to Italy during Spring 2012 and saw theatre performances in Italian, consulted libraries, and connected with theatre professionals.
- Session co-chair for “New Approaches to Old Texts: Studying Medieval and Early Modern Women and Gender” at the 43rd annual convention of the Northeast Modern Language Association (NEMLA), March 2012.

**COMMUNITY SERVICE:**
- Served on the Language Content Advisory Committee for the Massachusetts Tests for Educator Licensure® (MTEL®) program. I attended the Massachusetts Tests for Educator Licensure® (MTEL®) Objective Review Conference for Language.
- Served on the Fulbright 2012-13 National Screening Committee for English Language Teaching Assistantships in Italy.
- Participated in the Brown Alumni Schools Committee as an interviewer of prospective undergraduate students.

Robin Dinda  
**Humanities**

**CREATIVE ACTIVITY:**
- Casey at the Bat for Organ and Narrator, winner of the 2012 Kotzschmar Centennial Competition for Organ demonstrators. Premiered in two concerts on the Kotzschmar organ, Merrill Auditorium, City Hall, Portland, ME, and published by Wayne Leupold Editions.

Nancy Duphily  
**Nursing**

**SCHOLARSHIP:**

Jane Fiske  
**Humanities**

**SERVICE LEARNING:**
- November 14, 2011 – Appeared on BNN TV 9 “It’s All About Arts” to promote research conducted at the Regional Economic Development Institute (REDI) at Fitchburg State University. The research, conducted with three FSU graduates of the Class of 2011 (Eric Gregoire, Amanda Rossi, and Heather Roberts), focused on “The Creative Economy: the impact of the arts on cultural outreach and economic development in the Montachusett Region.” Founded in 1997, “It’s All About Arts” is a leading publicly funded local arts television show that has featured over 1000 guests and currently is in its 14th successful season.

**CREATIVE ACTIVITY:**
- December 5, 2011 – Guest speaker and performer for the 1794 Meetinghouse Board of Directors Annual meeting. Located on the common in New Salem, Massachusetts, 1794 Meetinghouse, Inc. is a 501(c)(3) nonprofit community arts organization founded in 1987. Dr. Fiske spoke about the REDI research at Fitchburg State University, and performed works for piano by Robert Schumann and Claude Debussy.

**COMMUNITY SERVICE:**
- May 12, 2012 – The Humanities Department, coordinated by Dr. Fiske, hosted the MMTA (Massachusetts Music Teachers Association) 44th Annual Bay State Contest at the university for the eighth consecutive year. More than 200 piano, string, and voice students, ranging in age from 5 to 18 from all around the state, competed for trophies and the chance to be named the best in the state. Award results are posted on the MMTA’s website at www.mmta.net.
- June 2012 – Began her tenure as President-Elect of the Massachusetts Music Teachers Association. MMTA is a nonprofit, professional organization dedicated to maintaining standards of excellence among its member teachers. At the state level, MMTA offers a conference, a statewide student contest, noncompetitive student evaluations, the National Music Certificate Program and composition commissioning program. Members’ students are eligible to compete in the MTNA national performance and composition competitions at all levels.
- September 1, 2011/January 11 and September 4, 2012 – Participated as a FAVE (Fitchburg Anti-Violence Education) trainer. FAVE’s mission is dedicated to creating a safe and respectful campus community for all.
Lisa Gim  
**English Studies**

**SCHOLARSHIP:**
- Reviewer – Reviewer for *Cambridge University History Journal* (UK), 2012, reviewing scholarly manuscript submissions on Queen Elizabeth I.

Elizabeth S. Gordon  
**GeoPhysical Sciences**

**SCHOLARSHIP:**
- Presentation at the annual American Geophysical Union Dec 2011, entitled, “Improving quantitative skills in introductory geoscience courses at a four-year public institution using online math modules”.
- Workshop leader for *The Math You Need When You Need It (TMYN)*, July 2012. TMYN is a program designed to support student success in introductory geoscience courses by engaging students in online math tutorials, set in a geoscience context. The workshop was focused on training geoscience faculty in the use of these tutorials; I was one of five leaders that assisted faculty new to the program on their implementation plans.
- Manuscript review for the journals *Limnology and Oceanography* and *Marine Chemistry*

**SERVICE LEARNING PROJECTS:**

Students in Geographic Perspectives on Conservation (GEOG4700), which I taught during spring semester (2012), participated in a number of service learning projects. Examples include:
- students volunteered for the Mt. Grace Land Conservation Trust to map vernal pools.
- students volunteered with the Department of Conservation and Recreation and the Nashua River Watershed Association on water quality monitoring projects.
- students worked with local school gardens and farms.
- one student worked with Mary Beth McKenzie in Capital Planning to produce informational pieces for the Fitchburg State tour guides to highlight the environmental initiatives related to the Hammond renovation.

Meledath Govindan  
**Biology and Chemistry**

**SCHOLARSHIP:**
- Research in natural products chemistry in collaboration with the Biomaterials Science and Engineering Laboratory, Massachusetts Institute of Technology, Cambridge. I spent a semester of sabbatical leave (Fall 2011) working with Professor C.-K. Rha and Dr. T. G. Sambandan identifying compounds isolated from Oil Palm Phenolics (OPP).
- Marion and Jasper Whiting Foundation Fellowship, 2011. This competitive fellowship was for travel to Malaysia to present lectures and workshops at two universities and two research centers, and to pursue possible collaboration as well as educational exchange. In addition to conducting discussions with faculty and researchers, I presented the following:
  - “Use of NMR in Structure Elucidation of Natural Products: A Novel Polyacetylene from *Centella asiatica*,” Invited lecture at Science University of Malaysia (USM), Technological University of Malaysia (UITM), Sime-Darby Research Center, and Malaysia Palm Oil Board (MPOB) Research Center, Malaysia, 2011.
  - “Student-centered Teaching Methods in Organic Chemistry,” Invited workshop on Process Oriented Guided Inquiry Learning (POGIL) and Calibrated Peer Review (CPR) at UiTM, Malaysia, 2011.
  - Central Division Chair and Member of Executive Board, New England Association of Chemistry Teachers (NEACT), 2010-2013. As Division Chair, I am in charge of organizing the annual divisional meeting and the 2012 meeting was held at Clark University in May that included three workshops for chemistry teachers. As a member of the Executive Board, I help with other activities including the annual summer conference, which was held at FSU in 2010 and will be held here again in 2014.
  - Alternate Councilor, American Chemical Society (ACS). I was elected to this position by the membership of ACS from the Central Massachusetts Section and attended the biannual Council meeting in Philadelphia in August 2012.

**COMMUNITY SERVICE:**
- I coordinated the Worcester Regional Educational contests of the North South Foundation at FSU and Cambridge regional contests at MIT. Contests were held in spelling, vocabulary, geography, math, science, essay writing and public speaking. I have been part of the coordinating team since 2002 and for the past seven years I have been in charge of the site for the contests and the technical team – recruiting and training technical coordinators, grading coordinators, judges.
and pronouncers; and for the actual conduct of the contests. Over 400 school children from MA, NH and RI participated in the seven contests. (North South Foundation is an all-volunteer non-profit organization based in Chicago that holds these contests at over 80 sites throughout the U.S. and Canada. Its goals are to provide educational opportunities for children here and back in India. The monies raised in the form of registration fee are used to provide college scholarships for economically disadvantaged but meritorious children in India. This past year we supported the college education of 1750 students, who may not have been able to attend college without this scholarship.)

- I completed my second 3-year term on the Nashoba Regional School Committee in 2011. As one of the three elected members from the town of Lancaster I served on the Board in various capacities – Vice-Chair, Chair of the Facilities Committee, Chair of Operations Committee, and on the Audit Advisory Committee. I continue to serve on the Audit Advisory Committee as an appointed member by the Lancaster Finance Committee.

Randall Grometstein
Behavioral Sciences

SCHOLARSHIP:
- Academy of Criminal Justice Sciences (www.acjs.org). Elected Chair, Law and Public Policy Section, for term from 2012-2014.

Michael Hoberman

English Studies

SCHOLARSHIP:
- Fellowship:
  - Joseph and Eva Dave Fellowship, American Jewish Archives, (Cincinnati) May/June 2012.
  - Book Publications:
  - Article Publications:
    - “Under Their Captivity and Dispersion’: the story of Boston’s first Jewish business venture.” Early American Studies, 9.3 (Fall 2012).

Invited Presentations/Lectures/Readings:
- New England Historical and Genealogical Society/ American Jewish Historical Society, Boston MA (September 2012)
- American Jewish Archives, Cincinnati, OH (June 2012)
- Massachusetts Historical Society, author talk on New Israel/New England (February 2012)
- Utrecht University, the Netherlands, American Studies Program Colloquium (January 2012)
- Jewish Historical Society of Western Massachusetts (January 2012)

Conference Presentation:

Other Activities:
- American Jewish Historical Society, Academic Council, 2011-Consulting humanities scholar, Follow the Thread, a Massachusetts Humanities Council-funded multimedia project on Jewish immigrants and the American fashion industry, 2011-2012

Maria Mercedes Jaramillo

Humanities

SCHOLARSHIP:
- Dr. María Mercedes Jaramillo has co-edited two books about Afro-Latin American history and culture. The first one is a collection of biographies about Afro Latin–American women that have made great contributions to the culture, economy, society, and politics of Latin America, Las hijas del Muntú: biografías críticas de mujeres afrodescendientes de América Latina was published in Bogotá by Editorial Panamericana in 2011. The second book is an anthology of Afro-Latin American plays: Del palenque a la escena: antología crítica de teatro afro-latinoamericano, was published in Bogotá by Universidad Nacional de Colombia. This volume has
15 plays from 11 countries, and it is the first anthology of this kind to be published. The dramas show the rich cultural, social, economic and political legacies of the Afro-descendant people to their countries of origin, as well as the tribulations and conflicts they have confronted in the Americas.

- Also Prof. Jaramillo has published two articles, and an introduction to a book by an Afro-Colombian writer, María Teresa Ramírez. The first article, “El teatro como terapia colectiva” was published in El teatro contra el olvido by Universidad Científica del Sur in Lima, 2012. The second article, “Indagación en lo mítico amerindio: Hugo Niño y Flor Romero” was published in Ensayos críticos sobre cuento colombiano del siglo XX by Universidad de los Andes in Bogotá, 2011. “María Teresa Ramírez Nieva: heredera de Yemayá y Changó” was the title of the prologue to Mabungu / Triunfo. Published by Apidama Ediciones in Bogotá, 2011.

- Last summer Dr. Jaramillo presented two papers. The first one “Bojayá en el teatro colombiano” was delivered at the X Jornadas andinas de literatura latinoamericana (JALLA), at Universidad del Valle, Cali, Colombia in julio de 2012. And, “Kilele drama de memoria y resistencia” at the 2012 Congress of Latin American Studies Association (LASA), San Francisco, California.

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Walter G. Jeffko

**Humanities**

**SCHOLARSHIP:**

During AY 2011-12 and continuing through much of the summer of 2012, I wrote the third edition of my book, Contemporary Ethical Issues, which will be published by Humanity Books (an imprint of Prometheus Books) by August, 2013. The second edition was published in 2008. Besides numerous revisions and updates through the book, the major addition to the third edition is a whole new chapter on the ethics of war (chapter 12), which is an expansion and update of my Harrod Lecture delivered on October 19, 2010, “The Moral Treatment of Civilians in War.” This volume is used as the principal text for my course, Contemporary Ethical problems, and is indeed an outgrowth of both this course and the many Harrod Lectures I have delivered over the years.

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Katherine R. Jewell

**Economics, History, Political Science**

**SCHOLARSHIP:**

Publications:


Conference Presentations:


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Jon Krasner

**Communications Media**

**SCHOLARSHIP:**

- Completion of the third edition of *Motion Graphic Design: Applied History and Aesthetics* (Focal Press/Taylor & Francis Group). This text provides an historical overview of the development of motion graphics as an artistic endeavor in film and as a commercial practice in the movie, television, and interactive media industries. This book has been adopted by New York University, University of Iowa, American University, California Institute of the Arts, Ringling College of Art + Design, Chinese University of Hong Kong, Nan Yang Technical
University (Singapore), University of Hawaii at Minoa, University of Oxford, University of Alaska, and Yeditepe University (Istanbul, Turkey).

- Guest lecturer at Ringling College of Art + Design. Guest juror for the Motion Design department’s annual honors undergraduate student exhibition.
- Upcoming lecture at the Motion Design Education Summit at the University of Notre Dame.
- Lecture on the influence of modernism graphic design. Fitchburg State University's Center for Teaching and Learning.

**CREATIVE ACTIVITY:**
- “Purge and Renew,” a series of animations with original music.
- “Makai Entities,” an ongoing series of mixed media assemblages exhibited at the University of Massachusetts, Providence College, and Fitchburg State University.

**Megan Krell**  
**Behavioral Sciences**

**SCHOLARSHIP:**

**Awards:**
- Presidential Outstanding Service, North Atlantic Region Association for Counselor Education and Supervision, September 2012
- Graduate Student Award, North Atlantic Region Association for Counselor Education and Supervision, October 2011
- Emerging Leader, Association of Counselor Education and Supervision, October 2011

**Presentations:**
- **Krell, M.** (2012, September). New Faculty Interest Network: Discussion Session for New Faculty and Doctoral Candidates. Presented at the biennial conference of the North Atlantic Region Association for Counselor Education and Supervision, Niagara Falls, NY.

**Publications:**

**COMMUNITY SERVICE:**
- North Atlantic Region Association for Counselor Education and Supervision, Secretary-elect
- Massachusetts School Counselors Association, Counselor Educator Vice President
- New England Organization for Human Services, Member-at-large
- New Faculty Interest Network, North Atlantic Region Coordinator
- North Atlantic Region Association for Counselor Education and Supervision, Communications Chair

**Kathleen Lambe**  
**Education**

**SCHOLARSHIP:**

**Publication:**
- Wrote and received a grant from the South Western Education Foundation for Kindle Fires for the library at Baresville Elementary School, Hanover, PA.

**Peter Laytin**  
**Communications Media**

**CREATIVE ACTIVITY:**
- Exhibition at Lincoln Center, NY, NY. In 2012 I was asked to photographically interpret the musical work of the Romanian composer George Enescu that was presented at the Bruno Walter auditorium at Lincoln Center in NY and at the Player’s Club in NY.
- I presented a major retrospective of my life’s work for presentation on the new Conlon Media Wall, that opened for the NEASC site visit. It ran for a few months.

**COMMUNITY SERVICE:**
- This past December, I was honored to be nominated and elected a Trustee of the Fitchburg Art Museum. For years I have been serving on the Fitchburg Art Museum's collections committee, which I continue to do.

**Ben Lieberman**  
**Economics, History, Political Science**

**SCHOLARSHIP:**

- My recent publications include: “From Definition to Process: The Effects and Roots of Genocide” in *New Directions in Genocide Research*, ed. Adam Jones. (Routledge)

**Community Service:**
- Soccer coaching with Maynard Youth Soccer
Robert Logan
Exercise & Sports Science

SCHOLARSHIP:
- Chen X, Burdett T, Desjardins CA, Logan R, Xu Y, Cipriani S, Schwarzschild MA. Disrupted and transgenic urate oxidase alter urate and neurodegeneration in a mouse model of Parkinson's disease. (Submitted to the Journal of Translational Medicine 8/29/12. It is currently being resubmitted/re-reviewed after we satisfied the comments of the reviewers)

COMMUNITY SERVICE:
- Member of the “MGH Youth Scholars Career Panel”, which is directed by the Center for Community Health Improvement at Massachusetts General Hospital, Boston, MA. Here is a link to an article about the program, in which I am quoted for the majority of the article. The picture for the article also features me with the students http://www.massgeneral.org/about/newsarticle.aspx?id=3293
- I serve as President for the Massachusetts General Hospital Technician Roundtable, which meets every month. The mission of the board is to build community across the MGH Charlestown Campus, streamline solutions among peers, and promote collaboration among the various research labs.

Viera Lorencova
Communications Media

SCHOLARSHIP:
- June 3-14, 2012: Fieldwork conducted in Bratislava, Slovakia; data-collection for an ethnographic case study on the strategic use of social media for the mobilization of civic activism by LGBTQ activists in Slovakia. Research methods: Ethnographic interviews, participant observation, online ethnography.
- April 20-21, 2012: Participant in the CMM Weekend Seminar and the Dedication of the Barnett Pearce Collection organized by Dr. John Chetro-Szivos and members of the CMM Institute for Social and Personal Evolution at Fitchburg State University, Fitchburg, MA.
- March 21, 2012: Lorencová, Viera. “Cinderella Ate My Daughter.” Invited presenter on the panel discussion, Women’s History Month, Fitchburg State University, Fitchburg, MA.

Frank Mabee
English Studies

SCHOLARSHIP:

Tara Mariolis
Nursing

SCHOLARSHIP:
Conference – St. Anselm’s Nursing Educator Conference, CE Conference May 2011, 16.5 CEUs.
Honors – Recipient of Ruth Butler Grant in conjunction with nursing students, AY 2011-12.

COMMUNITY SERVICE:
Volunteer at the Open Door Medical Clinic providing free primary care to indigent population. Hudson, MA. Summer, 2011.

Jannette McMenamy
Behavioral Sciences

SCHOLARSHIP:
• 2010-WA-AX-0010, Department of Justice, Office of Violence Against Women, 2010-2013, Fitchburg State University – Recipient of $300,000 Campus Grant Program Award, Director: Jannette McMenamy, Ph.D. Assistant Director: Erin Travia MA LMHC


COMMUNITY SERVICE:
• Co-Director, FAVE (Fitchburg Anti-Violence Education), 10/2010-5/2012.
• Director, FAVE (Fitchburg Anti-Violence Education), 5/2012-Present.

Sarah (Sally) Moore
Humanities

CREATIVE ACTIVITY:
• One-person show entitled human/nature at Barbara Krakow Gallery, Boston, MA, September 10 – October 15, 2011
• One-person show, Recent Work by Sally B. Moore, Cushing-Martin Gallery, Stonehill College, Easton, MA, August 30, - October 12, 2012
• Harrod Lecture, Above and Below: An Investigation of Inner Space through Sculpture, October 5, 2011
• Artist Talk: human/nature exhibit, Barbara Krakow Gallery, September 24, 2011
• Artist Talk: Recent Work, Cushing-Martin Gallery, Stonehill College
• Visiting Artist for Drawing class: Stonehill College
• Review: The Boston Globe / g Arts, “Into the Wild Unknown,” Cate McQuaid, Sept. 21, p. 3
• Selected for inclusion in book: 100 Boston Artists by Chawky Frenn (coming out in 2013)
• Nominated for St. Botolph Club award for Sculpture

COMMUNITY SERVICE:
• Donated sculpture for Annual Aids Benefit Auction at Barbara Krakow Gallery
• Donated hand-painted ceramic plate to Reach for the Stars Auction Gala, Benefitting Reach Beyond Domestic Violence

Kelly Morgan
Communications Media

SCHOLARSHIP:
• Co-Created the Mental Health Simulation Utilizing Actors for The Fitchburg State Nursing Department with Tara Mariolis.

Awards – Kennedy Center American College Theater Festival Gold Medallion for Excellence in Theater Education; Program Grant from The Center for Italian Culture; Amelia V. Gallucci-Cirio Grant

CREATIVE ACTIVITY:
• Directed the World Premier workshop production of (Sacco-Vanzetti) Vince, Al & Teddy by Bruce Robinson at The Kennedy Center American College Theater Festival; Directed Modeling Mother Play Reading of a New play by Peter Anderegg in Fitchburg, MA

SERVICE LEARNING PROJECTS:
• Taught The Art Of Live Theatre tor the ALFA program.

COMMUNITY SERVICE:
• Directed A Piece Of My Heart Play Reading Fundraiser to support Military Nurses Memorial performed at The Fitchburg Public Library; Adjudicator for the 2012 New Hampshire Community Theatre Festival at The Amato Center in Milford, NH; Performed a Poetic Reading of Angel in War for The Clara Barton Military Nurses Memorial in Memorial Park in Fitchburg, MA; Performed Narration for the Wakefield Food Pantry Documentary in Wakefield, MA Access Television

Wayne Munson
Communications Media

SCHOLARSHIP:
• I participated in the annual conference of the Society for Cognitive Studies of the Moving Image, June 13-16, 2012, at Sarah Lawrence College and New York University. As a society Fellow (highest membership level), I was also involved in governance during the annual business meeting.
• I presented a paper, “Lost in the Funhouse: Into-the-abyss Narrative and The Discreet Charm of the Bourgeoisie,” at the annual conference of the University Film and Video Association (UFVA), Columbia College, Chicago, Aug. 9, 2012. As a UFVA member, I also fully participated in the conference over its several days (Aug. 8-11) and in its annual business meeting.

Audrey Pereira
Business Administration

SCHOLARSHIP:
• Recipient of Assessment Scholar for the Quality Collaborate Grant with Mount Wachusett Community College, Summer, 2012.
• Conducted presentation: Effective Use of Blackboard for any Course Format, Fitchburg State University, GCE Faculty Conference, August 28, 2012

COMMUNITY SERVICE:
• Regional Economic Development Institute (REDI) Editorial Board Member
• Fitchburg Anti Violence Education (FAVE) bystander trainer
Christopher Picone
Biology and Chemistry

SCHOLARSHIP:
- On August 6, 2012, I presented a workshop at the annual meeting of the Ecological Society of America in Portland, OR. The lab exercise I developed and presented is called “Trophic efficiency in caterpillars as a model ecosystem.” This was presented as part of the Resources for Ecology Education: Fair and Share.
- Invited presentation at the Lancaster Garden Club, 18 March 2012. “Soil ecology and strategies to reduce soil disturbance in farms and gardens.”

SERVICE LEARNING PROJECTS:
- I continued to manage, plant and maintain a large school garden at McKay Elementary School/McKay Arts Academy. This project included several McKay classes early in the season and two Upward Bound students staying at FSU in July.

COMMUNITY SERVICE:
- Served on the Ashburnham Conservation Commission (one of only three members in 2011-2012). In addition to the usual duties of a Commission (enforcing the MA Wetlands Protection Act), I wrote a monitoring report for a parcel with a Conservation Restriction (CR), and a Management Plan for a new conservation property in Ashburnham (Broadhurst Point).
- Lead a stream sampling team sponsored by the Ashburnham Conservation Trust and the Ashburnham Library, part of a weekly program called Connecting Kids with Green Spaces. 10 July, 2012.
- Lead a survey of aquatic insects for the Friends of the Willard Brook (Townsend/Ashby) on 15 Sept. 2012. Attended by at least six families associated with FSU, as well as other community members.
- Lead natural history hikes with the Ashburnham Girl Scouts (Feb and March 2012)
- Lead a discussion following the movie Food, Inc. as part of the Fitchburg Public Library Third Thursday Film Series, 20 Sept. 2012.

Benjamin Railton
English Studies

SCHOLARSHIP:
Books:
- Two Wrongs and a Right: What the Chinese Exclusion Act Can Help Us Understand About America. Book manuscript in progress, proposed to Palgrave Macmillan.

Articles:
- “The Awful Responsibility of Time’: Understanding History in All the King’s Men” in Robert Penn Warren’s All the King’s Men. Rodopi Press, 2012.

Presentations:

Website and Blog:

Susan B. Rosa
Education

COMMUNITY SERVICE:
Math Mentoring Initiative – McKay Arts Academy; Spring 2010- Present (Fall 2012)

McKay Arts Academy is an integral part of the Fitchburg State University community and perhaps as it houses our youngest members; it is the population that needs our greatest support. The purpose of the Math Mentoring Initiative is to provide McKay children in grade 3 with remedial math support based on the results of recent standardized testing. The Math Mentoring Initiative provides individual and small group math instruction on Tuesday afternoons from 2:30-3:30 each semester. University students who respond to our call are provided with appropriate games and activities that have been deliberately aligned with the Massachusetts Common Core Math Frameworks and carefully created to meet the grade level needs of the McKay children. University students are trained in math content and in teaching methods. Most of these students are freshmen Education majors (who participate in a wonderful field experience) but several of the FSU students have been from other majors across campus making this a true community response. Our mentors are ethnically and culturally diverse which makes the initiative even more meaningful as young children need positive role models with whom they can relate. This Fitchburg State University faculty member provides all of the materials, oversee the program, and models math pedagogy during each session.
Luis D. Rosero  
**Economics, History, Political Science**

**SCHOLARSHIP:**
- Research Papers – Conference Presentations

**Grants and Awards**
- Fellow, Hyman P. Minsky Summer Seminar, Levy Economics Institute, June 2012

Daniel Sarefield  
**Economics, History, Political Science**

**SCHOLARSHIP:**

I also gave an invited lecture in the American and International Studies Colloquium Series at the Ramapo College of New Jersey, Mahwah, New Jersey, December, 2011.

**COMMUNITY SERVICE:**
During the period between September 2011 and 2012, I have served as a member of the City of Fitchburg’s Board of License Commissioners, which is responsible for the issuance of licenses and the promulgation of rules and regulations with respect to the sale of alcoholic beverages for consumption. The board also oversees the operation of automatic amusement devices, the operation of lodging houses, the issuance of taxi company licenses and taxi drivers’ permits, and the establishment of regulations for taxi and livery vehicles.

Hildur Schilling  
**Behavioral Sciences**

**CREATIVE ACTIVITY & COMMUNITY SERVICE:**
- Conductor, Fitchburg State University Community Orchestra (and chamber ensembles of musicians from the orchestra) for campus and community events.
  - In collaboration with Bob Landry, prepared the FSU Orchestra to provide accompaniment for school choirs for 3 events that took place at Samoset Middle School in Leominster, MA.
  - Samoset Spring Concert (5/31/12)
  - Leominster Elementary School Concert (5/24/12)
  - All City Concert (5/23/12)
  - FSU Graduate Commencement Ceremony in Weston Auditorium (5/17/12)
  - FATV Boulder Award dinner at Oak Hill Country Club in Fitchburg (5/14/12)
  - First Thursday Celebration Concert at the Senior Center in Fitchburg (5/3/12)
  - Induction Ceremony for Kappa Delta Pi in Percival Auditorium (4/26/12)
  - Fitchburg City Council Scholarship Fundraiser dinner at the Senior Center in Fitchburg (4/20/12)
  - Performance with Fr. Peter Inzerillo and the Montachusett Chorale in a concert to benefit the Gardner Visiting Nurses Association, Leominster City Hall (4/12/12)
  - President’s Reception for Accepted Students in the Recreation Center at FSU (3/24/12)
  - Inaugural Ball dinner for Mayor Lisa Wong at the Senior Center in Fitchburg (1/28/12)
  - Lessons & Carols, Ashburnham, MA (12/11)
  - Holiday concert with Montachusett Chorale, Leominster City Hall (12/4/11)
  - 9/11 Memorial Concert, Leominster City Hall (9/11/11)
  - Violinist in orchestras for musical productions in the community:
    - *Funny Thing Happened on the Way to the Forum,* Theater at the Mount, Gardner, MA (Fall, 2012)
    - *Next to Normal,* Fly Leaf Theater, Berlin, MA (9/12)
    - *Louis Louis Lewis & Klezmerbops,* Sterling Cultural Series (7/16/12)
    - *Sound of Music,* St. Bernards High School, Fitchburg (Spring, 2012)
    - *Fiddler on the Roof,* Acton Theater, Acton, MA (Spring, 2012)
    - *Fiddler on the Roof,* Theater at the Mount, Gardner, MA (Spring, 2012)
    - *How to Succeed in Business,* Leominster High School (Fall, 2011)
  - Member, Fitchburg Cultural Council, division of Massachusetts Cultural Council (3/11 to present)
  - Reviewed grants submitted to the FCC
  - Attended Massachusetts Cultural Council meeting, Boston Statehouse (2/8/12)
  - Coordinated music for FCC Troubadour Fundraiser Event at Destare, Fitchburg (4/2/12)
Charles H. Sides  
Communications Media  

SCHOLARSHIP:
- In my role as Executive Editor of the Baywood Technical Communication Series, I oversaw the production of and edited the following books into publication:

Awards:

Publications:
- In my role as Executive Editor of the Journal of Technical Writing and Communication (JTWC), I published four quarterly issues. This includes managing the blind peer review process, editing all accepted manuscripts to publication, and writing editorials for each issue.

COMMUNITY SERVICE:
- Community Service: First Congregational Church, UCC, Westminster, MA: sanctuary choir, soloist, various committees and fund-raising events

Joshua B. Spero  
Economics, History, Political Science  

SCHOLARSHIP:
- “International and Conflict Studies Keynote Speaker: Dr. Monica Duffy Toft,” Center for Teaching and Learning Newsletter. Fitchburg State University (March 2012).
- 2012 Fitchburg State University Faculty Scholarship (Political Science) Special Projects Grant
- 2011 Fitchburg State University Faculty Award for Research and Scholarship

Reviewer/Editorial Board Member:
- Oxford University Press, Security Studies, Contemporary Security Policy, East European Politics and Societies, International Relations, Problems of Post-Communism

CREATIVE ACTIVITY:
- Circle of Teaching Discussion Group (Fitchburg State Faculty, spring 2011 – spring 2013)
- Service Learning Projects – Coordinator and Organizer of the Fitchburg State International Studies (IS) Minor Coordinator for the IS Keynote Speaker Series:
  - 2012: Dr. Monica Toft, Associate Professor, John F. Kennedy School of Government, Harvard University – “Resurgent Religion, Global Politics, and Conflict Resolution”

COMMUNITY SERVICE:
- Appeared on or contributed to the following, based on areas of expertise: Greater Boston (TV); Worcester Telegram; Worcester Business Journal; Lowell Sun; WBZ-News (Boston); WBUR-News (Boston); Fitchburg Sentinel & Enterprise, Fitchburg Point; The Open Mic with Randy Feldman.
- Douglas and Isabella Crocker Center for Civic Engagement Advisory Board, 2011-2013
- Fitchburg Anti-Violence Education (FAVE) invited training & orientation presentation (August 2011)
- Represented Office of the Fitchburg State University President at the Inauguration of the new President of Brandeis University (March 2011)
- Forum Moderator: Fitchburg State REDI Public Research Forum on “Newly Released Broadband Study Revealing Availability and Usage for Business and Municipal Impact across North Central Massachusetts” (November 2012)
Elise Takehana  
**English Studies**  
**SCHOLARSHIP:**

Essay Published:  

Essay Submitted:  
- “Baroque Computing: Interface and the Subject-Object Divide” for *Design, Mediation, and the Posthuman*  
Conference Presentation  
- “Textbooks and Apps Albums: Does Education Meet Pop?” Digitize This Worcester Polytechnic Institute, November 2012

Stephen Taylor  
**Computer Science**  
**SCHOLARSHIP:**

- *Shamy Dictionary*, an Android phone app based on my sabbatical research. Sham is the colloquial name for Damascus, and the *Shamy Dictionary* is a bilingual reference tool which incorporates my morphological model of Damascus Arabic, as well as many of the local vocabulary words collected. Its bilingual nature makes it most interesting to English-speaking students of Damascus Arabic, and unfortunately the situation in Syria has kept them at home. I released the first version of the Shamy dictionary this August.  
- *Soft Arabic Keys*, an Android phone app for entering Arabic text. Before the most recent releases of the software, Android phones did not support entering or displaying Arabic text. Since this was a requirement for the *Shamy Dictionary*, I designed an ArabicText widget for display, and *Soft Arabic Keys* for text entry. The *Soft Arabic Keys* app has been popular with Arab owners of Android phones, who don’t use *Shamy Dictionary*.  

David Svolba  
**Humanities**  
**SCHOLARSHIP:**

I had two essays appear this past summer. “People Just Don’t Do That,” co-written with Chad Flanders, was published in Open Court’s *Curb Your Enthusiasm and Philosophy*. “Drawing a Line in the Sand: The Big Lebowski and Just War Theory,” co-written with Adam Betz, was published in Wiley-Blackwell’s *The Big Lebowski and Philosophy*. I am currently working on two essays concerning the implications of John Rawls’ theory of justice for the animal rights movement, as well as an essay on harm-based accounts of the wrongness of killing.

**CREATIVE ACTIVITY:**

I occasionally write light verse from the perspectives of the world’s great philosophers. For example, what Hegel might have written if he had written a love poem, and that sort of thing.

Howard H. Thomas  
**Biology and Chemistry**  
**SCHOLARSHIP:**

Articles Published or in press:  


COMMUNITY SERVICE:

Teresa Fava Thomas
Economics, History, Political Science

SCHOLARSHIP:
Scholar in Residence:
- Fondazione Cini, Isola San Giorgio Maggiore, Venezia, Italia, June 2012.
- FSU - Il Centro Per la Cultura Italiana [Center for Italian Culture]
- CIC grant to support research at Fondazione Cini, Biblioteca Nazionale Marciana, Biblioteca Querini Stampalia, and Istituto veneziano per la storia della Resistenza e della società contemporanea, June 2012.


COMMUNITY SERVICE:

Dr. Samuel Tobin
Communications Media

SCHOLARSHIP:
Publications:
- “Time and Space in Play: Saving and Pausing with the Nintendo DS.” The Mobile Media Reader, Peter Lang. 2012 (REPRINT)
- “Time and Space in Play: Saving and Pausing with the Nintendo DS.” Games and Culture, March 2012 vol. 7 no. 2 127-141

Presentations:
- “Breaking Rocks Part-Time” at the Eastern Communications Association 103rd meeting, Cambridge MA April 2012
- “The Game is Plenty Fun Just Sitting on a Couch” at Local and Mobile 2012. NCSU, Raleigh NC March 2012

Susan Wadsworth
Humanities

SCHOLARSHIP:
- I was invited to discuss Italian women artists for Women’s History Month, March 2013, and began working up a talk on Italian Women Futurists.
- “American Synagogue Architecture: From Byzantine and Islamic Influences to Louis Kahn” for the Twenty-fifth Annual National Conference on Liberal Arts and the Education of Artists at the School of Visual Arts, New York City, with the theme of Crossing the Borders, October 2011. A variation of this talk was given to the ALFA group in June, 2011 and at the Betenu congregation, Bedford, NH May 2011.
- Developing a new course, Commonwealth of Asian Arts, with Dr. David Svolba and Dr. Marjorie Ness for Fall 2012.

CREATIVE ACTIVITY:
- Created over two dozen new drawings, pastel on paper, inspired by various activities: skiing; travel to England in the summer of 2012 to see cathedrals, landscapes and ruins; sunsets; hiking.
- Opened my studio as part of the Fall Foliage Art Studio Tours Oct. 6 and 7. Showed over 70 art works, a selection from the past 20 years. Sold one work of Mt. Monadnock to a Long Island collector.
- This is a three minute video on my work http://www.youtube.com/watch?v=IklKchoxS4
- I was a part of this same studio tour in 2011 and have been since I first organized it in 2008. (I have since passed the leadership to other artists).
- That same weekend five works of mine were shown in the Landscapes for Landsakes exhibition in Cambridge, NY.
- I participated for the first time with the Keene Art Walk, June 1-8, 2012.
- I showed one work in the 76th Regional Exhibition of Art & Craft, Fitchburg Art Museum, summer 2012.

COMMUNITY SERVICE:
I instruct skiing during the winter months at Crotched Mountain in Bennington, NH. We get paid so little it is essentially community service.

Amy Wehe
Mathematics

COMMUNITY SERVICE:
I led a Math Circle at Fitchburg Arts Academy. The Math Circle is an after school program where students participate in activities related to mathematics and problem solving beyond what they would see in the classroom.

Kathryn Wells
Library

SCHOLARSHIP:


“Teaching with Technology: Doing more with less by integrating useful and mostly free technology tools in the classroom – Teaching with Primary Sources”, presented at College Board New England Regional Forum, January 2012.

From out of a rocky crevice: Digitizing records of the student experience from the Fitchburg State University Archives. Library Services and Technology Act, Digitizing Historical Resources, Massachusetts Board of Library Commissioners. Awarded $4470, August 2012.

Digital access to Signe d’Oro oral history collection. Amelia V. Gallucci-Cirio Grant, Fitchburg State University. Awarded $4000, October 2011.

SERVICE LEARNING PROJECTS:

• Bringing the Archives to Life: Fitchburg State Student Culture in the 1960s and 1970s. Center for Teaching and Learning Innovation Grant, co-author. Awarded $1000, November 2011

COMMUNITY SERVICE:

• Fitchburg Historical Society, Board Member, Sept. 2011-present.
• FAVE (Fitchburg Anti-Violence Education) trainer, May 2012-present.

Richard P. Wiebe
Behavioral Sciences

SCHOLARSHIP:

Peer Reviewed Journal Articles:


Book Chapter


Conference Presentation


Jiang Yu
Geophysical Sciences

SCHOLARSHIP:

• Continued to serve the 3rd year as the Chief Reader for the College Board/Educational Testing Service annual AP Physics Reading. AP courses are for advanced high school students who are ready to take college-level introductory courses while still attending high school. AP Physics includes three courses/exams reflecting Algebra/Trigonometry-based and Calculus-based Introductory Physics offered at higher education institutes in the United States. AP Physics Reading scores student physics exam papers; in 2012, 135,000 exams were scored. As the Chief Reader, I attend the Physics Exam Development Committee meetings at which exam questions are written, final prove the exam books before printing, hire college physics faculty members and high school AP Physics teachers to serve as Readers, manage the entire Reading from preparation beginning in September 2011 to carrying out and finishing the Reading Operation in June 2012 and present the AP Physics Exam Results at the national AP Annual Conference. Chief Reader assignment is termed for four years.

• Continued to serve as a College Board certified workshop consultant. In the 2011/2012 academic year, I led two College Board one-day workshops for in-service physics teachers, worked with the L.A. Unified School Districts in California on a three-year teacher training program for in-service physics teachers (on-going), and led four week-long Summer Institutes training high school physics teachers in Boston (a National Math and Science Initiative program), West Virginia (WV State Professional Development program), Maine and United Arabic Emirates (College Board endorsed programs).

• Served on the Physics 1 and Physics 2 Syllabi Audit Standard Setting Committee (on-going). The committee is charged by the Center for Educational Policy Research at the Univ. of Oregon and is devising standards for evaluating College Board’s newly re-designed algebra-based introductory physics courses, Physics 1 and Physics 2.

• Served on the 2012 AP Annual Conference Steering Committee.

1 http://apcentral.collegeboard.com/apc/members/exam/about_exams/218655.html

2 2012 AP Physics Reading was operated in Kansas City, MO, June 2-8.


Abdulkeni A. Zekeria  
**Mathematics**

**SCHOLARSHIP:**
- I gave a talk on Mathematical Biology at the Eritrean Institute of Technology at Mai-Nefhi on Thursday December 15, 2011.
- I also gave a similar talk at the College of Marine Sciences and Technology at Massawa, Eritrea on Thursday December 22, 2011.
- During my visit to the Eritrean Institute of Technology, I reviewed their Mathematics Graduate Program and taught Real Analysis II to graduate students.

Jane Xinxin Zhang  
**GeoPhysical Sciences**

**SCHOLARSHIP:**
- Contributed to the field of GIS (Geographic Information System) Applications through the REDI (Regional Economic Research Institute) research project: *Bringing Broadband to North Central Massachusetts*. The project was a REDI-Massachusetts Broadband Institute (MBI)-Montachusett Regional Planning Commission (MRPC) joint venture. Dr. Zhang’s contribution was focused on the mapping and spatial analysis of the assessment of the availability and usage of high-speed internet access to the under-served/un-served communities throughout North Central Massachusetts. Dr. Zhang contributed to all the three phases of the project. Phase I, GPS field data collection; Phase II, GIS data organization; and Phase II, GIS mapping and analysis. During Phase I, Dr. Zhang involved six Geography or Earth System Sciences majors in the GPS survey of wireless broadband signal strength study. In Phase II, Dr. Zhang supervised Patrick O’Brien, an Earth Systems Science major, in collecting and organizing a large amount of broadband GIS data, particularly the distributions of the estimated availability of DSL and broadband cable in 22 communities (cities/towns) in the study area. In Phase III, collaborating with Dr. Beverly Hollingsworth, a business professor, Dr. Zhang conducted comprehensive mapping and spatial analysis on the availability and usage of high-speed internet access in the study area. The project was presented at local and regional conferences and was reported by multiple news venues such as the Sentinel and Enterprise.
- The survey trips took place during the late fall to winter months of 2011 when forest canopy was significantly reduced and thus GPS signals were clear and easy to receive. The students hiked and utilized handheld GPS units to collect location and condition data of the trails. After the survey trips, Dr. Zhang helped the students download the collected GPS data into GIS (geographic information system), a computer mapping program. Dr. Zhang also involved the students in the data processing and map making processes, and helped generating trail maps.
- The GPS survey data and the resulted trail maps were included in the MRPC’s comprehensive trail database and the trail Inventory report. The project benefited the students with real-life experiences of using GPS technology for community service purposes. Two students, Jeremy Machado and Travis St. Hilaire, represented the survey groups and presented the project in the 3rd Undergraduate Conference on Research and Creative Practice at Fitchburg State University in April 2011.

**SERVICE LEARNING PROJECTS:**
- Supervised eight Geography or Earth Systems Science students on the GPS Survey of Community Trails Project. The objectives of the project were twofold: 1) to assist the Montachusett Regional Planning Commission (MRPC) in their Trail Inventory Project in communities of Athol, Petersham, and Royalston; and 2) to provide students a real world experience of using GPS (global positioning system) technology.