

MEGAN J DOBRO

STRUCTURAL BIOLOGIST

✉ Cole Science Center
Hampshire College
893 West St
Amherst, MA. 01002

📧 mjdNS@hampshire.edu
megandobro.com

education

MAY 2012 **Ph.D. Biology**, California Institute of Technology, Pasadena, CA
The Structural Biology of HIV Budding and Maturation, Jensen Lab

MAY 2007 **B.S. Biology**, Bridgewater State University, Bridgewater, MA
Concentration: Biomedicine and Molecular Biology; Minor: Chemistry
Summa Cum Laude, Commonwealth and Departmental Honors

teaching

MAR 1, 2019- **Associate Professor**, Hampshire College, Amherst, MA

Courses:

HIV/AIDS: 35 Years Later (2012-2019)

Cell Biology with Lab (2012-2016, 2019)

Microscopy and Modeling (2017, 2018)

Pathogens: The Microbes Making Us Sick (2017, 2018)

Natural Science Division II Seminar (2017)

Molecular Metaphor (co-taught with Ramon Elani; 2016)

Mathematical Biology (co-taught with Sarah Hews; 2016)

HIV and Sexual Health in Northern Thailand (2014, 2015)

Modern Disease and Culture (2013, 2014)

Structure and Function: Microscopy Research Methods (2013, 2014)

Virology (2014)

Human Biology (co-taught with Chris Jarvis; 2012)

2012-2019 **Assistant Professor**, Hampshire College, Amherst, MA

2013-2017 **Member, American Society for Cell Biology Education Committee**

Co-Chair, National Mentoring Program for Active Learning (2016)

Chair, Undergraduate Program (2015)

2010-2011 **Planning Board Member, Caltech Project for Effective Teaching**

2008-2010 **Teaching Assistant**, California Institute of Technology

The Biology and Biophysics of Viruses (2010)

Technical Communication for Biologists (2008, 2009)

Introduction to Cell Biology (2008)

2010 **Curriculum Consultant**, City of Hope National Medical Center

Developed biology communication course for City of Hope, Duarte, CA

2005-2006 **Course Assistant**, Marine Biological Laboratory

Physiology: Modern Cell Biology Using Microscopic, Biochemical, and
Computational Approaches

1997-2007, 2010 **Leadership Instructor**, Student Leadership Training Program

Planned and facilitated national student leadership conferences, including four week-long summer conferences and monthly staff meetings

Leadership Instructor (2005-2007, 2010)

Administrative Board Member (2005-2007)

Camp Coordinator (2002-2005)

Leadership Trainer (2000-2002)

2007 **English Teacher**, Buddhist Temple School (Ayutthaya, Thailand)

* indicates undergraduate student

Dobro M, Halliday A, Keats J. The Plasmodium Consortium: When Art, Science, and Philosophy Form a Policy Think Tank. *Slime Mould in Arts and Architecture*. Denmark: River Publishers. 2019.

Dobro M, Oikonomou C, Piper A*, Cohen J*, Guo K*, Jensen T*, Tadayon J*, Donermeyer J*, Park Y*, Solis B, Kjaer A, Jewett A, McDowall A, Chen Y, Shi J, Subramanian P, Iancu C, Li Z, Briegel A, Tocheva E, Pilhofer M, Jensen G. Uncharacterized bacterial structures revealed by electron cryotomography. *Journal of Bacteriology*. 199(17) 1-14. 2017.

[Selected by Journal of Bacteriology as spotlight article and cover image for the issue](#)

Samson R, **Dobro M**, Jensen G, Bell S. The structure, function, and roles of the archaeal ESCRT apparatus. *Prokaryotic Cytoskeletons*. Springer. 84:357-377. 2017.

Charney N, Castorino J, **Dobro M**, Steely S. Embryo development inside female salamander (*Ambystoma jeffersonianum-laterale*) prior to egg laying. *PLoS One*. 9(3) 2014.

Dobro M, Samson R, Yu Z, McCullough J, Ding H, Chong P, Bell S, Jensen G. Electron cryotomography of ESCRT assemblies and dividing *Sulfolobus* cells suggests that spiraling filaments are involved in membrane scission. *Molecular Biology of the Cell*. 24(15) 2319-27. 2013.

Yu Z[^], **Dobro M**[^], Woodward C, Levandovsky A, Danielson C, Sandrin V, Shi J, Aiken C, Zandi R, Hope T, Jensen G. Unclosed HIV-1 capsids suggest a curled sheet model of assembly. *Journal of Molecular Biology*. 425(1) 112-23. 2012. [^][Authors contributed equally to work](#)

Chen S, Beeby M, Murphy G, Leadbetter J, Hendrixson D, Briegel A, Li Z, Shi J, Tocheva E, Muller A, **Dobro M**, Jensen G. Structural diversity of bacterial flagellar motors. *The EMBO Journal*. 30(14) 2972-81. 2011.

Dobro M, Melanson L, Jensen G, McDowall A. Plunge freezing for electron cryomicroscopy. *Methods in Enzymology*. 481(3) 63-82. 2010.

Chen S, McDowall A, **Dobro M**, Briegel A, Ladinsky M, Shi J, Tocheva E, Beeby M, Pilhofer M, Ding H, Zhuo L, Gan L, Morris D, Jensen G. Electron cryotomography of bacterial cells. *Journal of Visualized Experiments*. (39) 2010.

Briegel A, Ortega D, Tocheva E, Wuichet K, Li Z, Chen S, Müller A, Iancu C, Murphy G, **Dobro M**, Zhulin I, and Jensen G. Universal architecture of bacterial chemoreceptor arrays. *Proceedings of the National Academy of Sciences*. 106(40) 17181-6. 2009. Reviewed by Faculty of 1000

* indicates undergraduate student

Dobro M, Halliday A. Modeling Human Problems with Slime Mold: Recruiting Students to Science and Building Important Skills. *American Society for Cell Biology*. San Diego, CA. 2018. *Poster*.

Kobar S*, Kao I*, Conroy J*, Kim-LaTona P*, Valliere K*, Herman-Dunphy S*, Malavet C*, Hinderhofer M*, Noble R*, Zacarias A*, White S*, Hutchinson A*, Halliday A, **Dobro M**. Problem-Solving the Slime Mold Way. *Biodiversity for a Livable Climate*. Harvard University, Cambridge, MA. 2018. *Invited Workshop*.

Dobro M. Visual Models for Understanding Biology: CryoEM of Bacterial Ultrastructure and Problem Solving with Slime Mold. SciTech Café. Northampton, MA. 2018. *Invited Public Talk*.

Dobro M, Nordstrom K. SciTech Café. The Bill Newman Show. WHMP 107.5. Northampton, MA. 2018. *Invited Radio Piece*.

Dobro M. "Recruitment to Science through Slime Mold." Massachusetts PKAL Regional Network. Excellence in Teaching Introductory STEM Courses. Salem State University, Salem, MA. 2018.

Dobro M, Keats J, Lehoux D, Sagner E. "Slime: From Spontaneous Generation to Internet Sensation" Colin McEnroe Show, Connecticut Public Radio, WNPR. 2018. *Invited Radio Piece*.

Noble R*, Moore A*, Catherin-Sauer A*, Davidson H*, Hinderhofer M*, Spillman S*, **Dobro M**. "The Plasmodium Symposium: Art/Science and Human/Non-Human Collaborations." Public Symposium. Hampshire College Art Gallery, Amherst, MA. 2018

Dobro M. "Bacteria" The Academic Minute, WAMC Public Radio. 2017. *Invited Radio Piece*.

Dobro M. "Revealing Novel Bacterial Structures with Electron Cryotomography." University of Massachusetts, Amherst, MA. Microbiology Seminar. 2017. *Invited Seminar*.

Dobro M, Noble R*, Moore A*, Catherin-Sauer A*, Davidson H*, Hinderhofer M*, Spillman S*. "The return of the slime mold." Culture, Brain, and Development Seminar. Hampshire College, Amherst, MA. 2017.

Dobro M, Halliday A. "What's slime got to do with it?" Culture, Brain, and Development Seminar. Hampshire College, Amherst, MA. 2017.

Dobro M. "The Importance of Belonging for Empowering Student Leaders." National Conference for the Student Leadership Training Program, Plymouth, MA. 2016. *Invited Speaker*.

Piper A*, **Dobro M**. "Novel Method of Presenting Quantitative Digital Models." American Society for Cell Biology. San Diego, CA. 2015. *Poster*.

Dobro M. "Models in the Classroom." American Society for Cell Biology. San Diego, CA. 2015.

Piper A*, **Dobro M**. "Novel Method of Presenting Quantitative Digital Models." Northeast Undergraduate Research and Development Conference. University of New England, Biddeford, ME. 2015. *Poster*.

Vasquez C*, **Dobro M**. "A Double-Blind Study of Pasture-Raised Bovine Meat on the Status of n-3:n-6 Lipid Ratios in Buccal Cells and Laboratory Measures of Attention and Impulsivity." Georgetown University Undergraduate Research Conference, Washington, DC. 2015. *Poster*.

Dobro M. "Combining digital and face-to-face interactions in and out of the classroom." Center for Teaching and Learning Celebration of Engaged Teaching. Hampshire College, Amherst, MA. 2016.

Vasquez C*, **Dobro M**. "A Double-Blind Study of Pasture-Raised Bovine Meat on the Status of n-3:n-6 Lipid Ratios in Buccal Cells and Laboratory Measures of Attention and Impulsivity". Northeast Undergraduate Research and Development Conference. University of New England, Biddeford, ME. 2015.

Dobro M. "Responding to Challenging Classroom Conversations." Center for Teaching and Learning Celebration of Engaged Teaching. Hampshire College, Amherst, MA. 2015.

Dobro M, Lewis J. "Bridging Scientific Knowledge with Social Innovation." Student Global AIDS Campaign (SGAC) Seminar. Mount Holyoke College, South Hadley, MA. April 10, 2014. *Invited Intercampus Seminar.*

Dobro M, Piper A*. "Flipping Classrooms." American Society for Cell Biology. New Orleans, LA. 2013.

Dobro M. "Flipping the Classroom using Technology." Center for Teaching and Learning, Hampshire College. Amherst, MA. 2013.

Dobro M. "What I Learned about HIV/AIDS in Thailand." Natural Science Seminar. Hampshire College. Amherst, MA. 2013.

Dobro M. "My Journey in Science." Bridgewater State University, Bridgewater, MA. 2013. *Invited Seminar.*

Dobro M. "A Multipronged Attack Against HIV/AIDS." Natural Science Seminar. Hampshire College. Amherst, MA. 2012.

Dobro M. "Molecular Mechanism of ESCRT-Driven Cell Division." Caltech Microbiology Department seminar. Pasadena, CA. 2012.

Dobro M. "Molecular mechanism of ESCRT-driven cell division." Center for the Structural Biology of Cellular Host Elements in Egress, Trafficking, and Assembly of HIV. 2012. *Webinar.*

Dobro M. "Electron Cryotomography of ESCRT in *Sulfolobus acidocaldarius*." Caltech Board of Trustees Symposium. Pasadena, CA. 2012.

Dobro M. "Electron Cryotomography of ESCRT in *Sulfolobus acidocaldarius*." Caltech Rising Researchers Symposium. Pasadena, CA. 2011. *Poster- [second place for best science](#)*

Dobro M. "Visualizing cells and viruses by EM tomography." Center for the Structural Biology of Cellular Host Elements in Egress, Trafficking, and Assembly of HIV. Salt Lake City, UT. 2011.

Dobro M. "Electron Cryotomography of ESCRT in *Sulfolobus acidocaldarius*." NIGMS 24th Annual AIDS Meeting. National Institutes of Health, Bethesda, MD. 2011. *Poster.*

Dobro M. "EM tomographic studies of HIV assembly and budding." Center for the Structural Biology of Cellular Host Elements in Egress, Trafficking, and Assembly of HIV. 2010. *Webinar.*

Dobro M. "3D imaging of microbes." The Phage: Public Science Lectures. Black Rock City, NV. 2010.

Dobro M. "Cryotomography of whole cells." Center for the Structural Biology of Cellular Host Elements in Egress, Trafficking, and Assembly of HIV. Scripps Research Institute, La Jolla, CA. 2008.

Dobro M. Keynote Address, Groundbreaking Ceremony of Science and Mathematics Center, Bridgewater State University, Bridgewater, MA. 2009.

Dobro M, de Antueno R, Duncan R, Faulkner G. The effect of the SMSIARL peptide tag and sucrose purification on P14-liposome binding in prostate tissue. National Conference for Undergraduate Research. Dominican University of California, San Rafael, CA. 2007. *Poster.*

Pappas, S. Watch a Brainless, Single-Cell Slime Hunt for Food in this Eerie GIF. *LIVESCIENCE*. 2018. Web.

Halliday A. "Collaboration: The Plasmodium Consortium at Hampshire College." *SciArt Magazine*. 2018. Web.

"Slime mold: Oozing with ambition." *Global Health Now*. 2018. Web.

O'Carroll E. "What slime mold can teach us about thinking." *Christian Science Monitor*. 2018. Web.

Resnick B. "Trump doesn't have a science advisor. This slime mold is available." *Vox*. 2018. Web.

Christensen D. "From petri dish to DC: Slime mold studies lead to policy proposals." *Daily Hampshire Gazette*. 2018. Web

Foley K. "We talked to slime mold about philosophy (through a human interpreter)." *Quartz*. 2018. Web.

Berman R. "Slime molds crack 3 of the biggest issues in the U.S." *Big Think*. 2018. Web.

Whitlow T. "Exhibit at Hampshire College highlights the problem solving skills of slime molds." *22 News*. 2018. Television and Web.

Byrne B. "Slime mold researchers may be poised to rule the world." *New Scientist*. 2018. Web.

Boese A. "Policy by slime mold." *Weird Universe*. 2018. Web.

Cellania M. "Slime mold named to college faculty." *Neatorama*. 2018. Web.

Christian B. "Want to fix Brexit? The solution might be hiding in slime mold." *Wired UK*. 2018. Web.

Taylor A. "Slime mold in residence." *The Scientist*. 2018. Web.

Scharfenberg D. "Innovation of the Week: The slime mold think tank." *The Boston Globe*. 2018. Web.

Anzilotti E. "Let's just replace our government with slime molds (no, really)." *Fast Company*. 2018. Web.

Lederman D. "Slimy 'scholars' bring unique perspective to research at Hampshire College." *MassLive*. 2018. Web.

"Slime mold symposium and reception presented by Hampshire College art gallery." *Hampshire College News and Events*. 2018. Web.

Nilaya J. "Slime: From spontaneous generation to internet sensation." *The Colin McEnroe Show*. Connecticut Public Radio. WNPR. 2018. Radio and Web.

"Hampshire policy institute releases research by non-human scholars in gallery exhibition, symposium." *Hampshire College News and Events*. 2018. Web.

Moreira N. "Down to Earth: Artistically collaborating with unicellular slime molds." *Valley Advocate*. 2018. Web.

Brown K. "Should we model human behavior on a brainless, single-cell amoeba?" *New England Public Radio*. 2017. Radio and Web.

Flynn A-G. "Hampshire College professor highlights beauty, complexity of bacteria." *MassLive*. 2017. Web.

Hopper D. "Megan Dobro, Hampshire College- Bacteria." *The Academic Minute*. WAMC Public Radio. 2017. Web.

Courtmanche J. "What are those alien things in bacteria? Profesor Dobro and team of scientists and students publish discoveries." *Hampshire College News and Events*. 2017. Web.

"Scientists discover new structures in bacteria, seek to determine function." *ScienceDaily*. 2017. Web.

Campus research with global impact. *Amherst Bulletin*. 2017. Web.

Berman R. "Slime molds join the faculty at Hampshire College." *Big Think*. 2017. Web.

Christensen D. "Slime mold in residence at Hampshire College. *Daily Hampshire Gazette*. 2017. Newspaper and Web.

"Hampshire College welcomes first non-human scholars-in-residence." *Hampshire College News and Events*. 2017. Web.

Murray J. "Hampshire opens advanced collaborative modeling center." *Hampshire College News and Events*. 2016. Web.

Murray J, Courtmanche J. "Tutorials initiate students to take initiative over their learning." *Hampshire College News and Events*. 2016. Web.

"Preventing HIV: Teaching Thai teens to invest in themselves." *Hampshire College News and Events*. 2015. Web.

Frazer J. "Bacterial motors come in a dizzying array of models." *Scientific American*. 2014. Web.

Wenk L. "Creating Visual Models for Learning." *Hampshire College Center for Teaching and Learning*. 2014. Web.

"Whiting Fellowships will support international research." *Hampshire College News and Events*. 2013. Web.

Urbina Z. "The effort against HIV-- A report from the front line." *UA Magazine*. 2012. Web.

Oliwenstein L. "Scientists get detailed glimpse of chemoreceptor architecture in bacterial cells." *Gordon and Betty Moore Foundation*. 2009. Web.

American Society for Cell Biology/European Molecular Biology Organization. San Diego, CA. 2018.

Biodiversity for a Livable Climate. Harvard University, Cambridge, MA. 2018.

Association of American Colleges and Universities. Teaching Techniques to Improve Learning and Ensure Classroom Success. 2018. Webinar.

Massachusetts PKAL Regional Network. Excellence in Teaching Introductory STEM Courses. Salem State University, Salem, MA. 2018.

The Plasmodium Symposium. Hampshire College Art Gallery, Amherst, MA. 2018.

Culturally Responsive Teaching in STEM, Kelly Mack, Ph.D. Smith College, Northampton, MA. 2017.

National Conference for the Student Leadership Training Program. Plymouth, MA. 2016.

American Society for Cell Biology. San Diego, CA. 2015.

Western Mass Business Expo- Branding and Website Building. Springfield, MA. 2015

AAC&U Transforming STEM Higher Education. Atlanta, GA. 2014.

American Society for Cell Biology. New Orleans, LA. 2013.

NIH Evidence-Based Methodology Workshop on Polycystic Ovary Syndrome. 2012. Web.

Los Angeles HIV/AIDS Scientific Interest Group. Caltech, Pasadena, CA. 2011.

Center for the Structural Biology of Cellular Host Elements in Egress, Trafficking, and Assembly of HIV. Scripps Research Institute. University of Utah. Salt Lake City. UT. 2011.

NIGMS 24th Annual AIDS Meeting. National Institutes of Health, 2010.

Humanity+ Summit. Irvine, CA 2009, Caltech, 2010.

Center for the Structural Biology of Cellular Host Elements in Egress, Trafficking, and Assembly of HIV, Scripps Research Institute. University of Utah, Salt Lake City, UT. 2010.

Advanced Electron Microscopy in NanoMedicine Symposium. UCLA, 2009.

Gordon Research Conference, Viruses and Cells. Lucca, Italy, 2009.

Gordon Research Conference, 3D Electron Microscopy. Colby-Sawyer College, 2009.

Center for the Structural Biology of Cellular Host Elements in Egress, Trafficking, and Assembly of HIV, Scripps Research Institute. University of Utah, Salt Lake City, UT. 2011.

Palm Springs Symposium on HIV/AIDS. Palm Springs, CA. 2009.

West Coast Retrovirus Meeting. Palm Springs, CA. 2009.

West Coast Retrovirus Meeting. Palm Springs, CA. 2008.

National Conference for Undergraduate Research. Dominican University of California, San Rafael, CA. 2007.

grant support

External- Total \$151,872

- 2013 **Marion and Jasper Whiting Foundation Fellowship- \$5,872**
- 2013 **George I Alden Trust** (with Charles Ross and Jason Tor)- **\$140,000**
- 2006 **Fulbright Foundation Killam Fellowship- \$6,000**

Internal- Total \$62,500

- 2017, 2018 **Ethics and the Common Good Course Development Grant- \$2,000**
- 2017, 2018 **Culture, Brain and Development Course Development Grant- \$2000**
- 2016, 2018 **MacArthur Faculty Award- \$20,000**
- 2015, 2018 **Dr. Lucy Curriculum Innovation- \$4,000**
- 2013-2018 **Faculty Development Grant through Dean of Faculty- \$12,000**
- 2015, 2017 **Dr. Lucy Research Grant- \$20,000**
- 2013 **Hampshire Creativity Center Grant- \$2,500**

Grant Contributions (support letters or text contribution)

- 2018 **NIH R01: Molecular Mechanism of Translocon Assembly into Cell Plasma Membranes**; Submitted
PI: Alejandro Heuck
- 2018 **Amherst Cultural Council, The Plasmodium Symposium; \$1000**
Amy Halliday
- 2015 **Massachusetts Life Sciences Center, UMass Medical: High Resolution,**

Cryo-Electron Microscope; \$5,000,000

2014 **NSF MRI: Acquisition of TIRF Microscope; \$553,646**

PIs: Nathan Derr and Stylianos Scodilis, Smith College

2014 **NSF MRI: Development of Versatile Imagine System for Fast, Mutli-Color Single Molecular TIRF Microscopy; \$551,791**

PIs: Ross, Abraham, Gershenson, Carter, Umass and Amherst College

other scholarship

2017-PRESENT **Member, Graduate Thesis Committee**, Mariana Brena, UMass Amherst

2016-2018 **Editor and Reviewer, Cogent Biology Journal**

2016-2017 **Selected Participant, Kahn Institute "Robed Warriors" Project**

Five College collaboration about modern Buddhism, research for my Thailand YESS! program

2015 **Trainer, Infection Prevention and Control**, Global Engagement Institute, Rwanda

Taught infection prevention protocols in three hospitals, debriefed Minister of Health

2015 **Participant, Computation and Visualization Consortium Workshop**

Using RStudio for Biological Computation, Smith College, Northampton, MA.

2015 **Participant, Andrew W. Mellon Faculty Seminar**

"Looking at Glass Through an Interdisciplinary Lens: Teaching and Learning with the Mead Collection", Amherst College, Amherst, MA.

2015 **Evaluator, NSF project**

Progressions of Skill Development in Biology Doctorates. University of Virginia, Web.

2013 **Peer Reviewer, Textbook**

Out of the Kitchen and Into the Lab: How to Develop Discovery-Based Undergraduate Laboratory Experiences for the Life Sciences. Dr. Kathleen M. Raley-Susman. Wiley Blackwell.

awards

2018 **MacArthur Faculty Development Award**- Establishing the EM Data Lab

2017 **MacArthur Faculty Development Award**- The Plasmodium Symposium

2014 **Six Flags Rosie the Riveter Award**- for professional women leaders

2012 **Caltech Dean's Award**- for one graduating PhD student

2012 **Caltech PhD Thesis Competition**, 2nd Place

2011 **Dr. James King Jr. Diversity Award**- for one Caltech staff, faculty, or student who worked to strengthen student diversity

service

2019-PRESENT **Member, American Association of University Professors**

2018-PRESENT **Member, James Baldwin Academic Retention Committee**

2018-PRESENT **Member, Equity and Inclusion Advocacy Committee**

2018-PRESENT **Member, Ethics and the Common Good Steering Committee**

2017-PRESENT **Co-Director, The Plasmodium Consortium**

2015-PRESENT **Co-Director, Collaborative Modeling Center**

2015-PRESENT **Director, Youth Empowerment through Safer Sexuality (YESS!) Program**

2016-PRESENT **Member, Health and Pre-Medical Studies Committee**

2016-PRESENT **Advisor, Five College Reproductive Health, Rights, and Justice Certificate**
 2016-PRESENT **Advisor, Five College Culture, Health, and Science Certificate**
 2015-PRESENT **Member, James Baldwin Admissions Committee**
 2017-2018 **Member, President's Council on Speaking Across Resilient Communities**
 2017 **Mentor, Amherst High School student research project**
 2016-2017 **Member, Institutional Review Board (IRB)**
 2016 **Member, Faculty Search Committee- Writing Program**
 2013-2015 **Member, Affirmative Action Committee**
 2012-2015 **Advisor, HIV/AIDS Student Group**
 2013-2014 **Member, Natural Science Curriculum Committee**
 2014 **Member, Natural Science Dean Search Committee**
 2014 **Member, Faculty Search Committee- Molecular Biology**
 2014 **Participant, New England Association of Schools and Colleges Accreditation Review**
 2014 **Organizer, World AIDS Day Campus Events**
 2013-2014 **Participant, Teaching Circle for Technology in the Classroom**
 2013 **Member, Faculty Search Committee- Ecology**

selected campus engagement

2019 Autism Spectrum Disorder in College Students: Lessons for Teaching and Advising
 2018 Campus ENGAGE! Conference Participant
 2018 Participant, Faculty Learning Community on Innovative Pedagogy
 2018 Speaker, Careers in Science, North Brandford High School, Web
 2018 Organizer and Speaker, The Plasmodium Symposium, Hampshire Art Gallery
 2017 Co-Organizer, College-wide Slime Mold Workshops
 2017 Presenter, Culture, Brain and Development Student Group
 2017 Campus ENGAGE! Conference Participant
 2017 Attended "Feminism Science and Microphysiologies of Desire" talk by Dr. Roy
 2017 Participant, Admissions Event
 2017 Host, Alumn and Donor Visit
 2017 Attended Latino Scholarship Fund Dinner, Holyoke, MA
 2016 Facilitator, First-Year Orientation Session about the Hampshire Academic Program
 2016 Speaker, New Faculty Orientation Panel
 2016 Participant, Building Critical Classroom Communities Workshop
 2016 Participant, HHMI Grant Planning
 2016 Attended James Baldwin Scholars Stoling Ceremony
 2016 Host, Alumn and Donor Visit
 2016 Participant, Admissions Lunch
 2016 Attended First Generation Student Celebration
 2016 Facilitator, "How to Give a Div III Presentation" Workshop
 2016 Attended Roddenberry Grant Collaboration Dinner
 2016 Participant, Admissions Lunch
 2015 Facilitator, Engaging with Intellectual Life Orientation Information Session
 2015 Participant, Challenging Moments in the Classroom Workshop
 2015 Participant, Five College Roundtable- Death and Modern Medicine

- 2014 Participant, Having Difficult Conversations with Colleagues Workshop
- 2014 Participant, Five College Blended Learning Workshop
- 2014 Participant, Supporting Diversity in STEM Dinner
- 2014 Session Chair, Division III (Senior) Student Presentation Event
- 2014 Organizer, Campus-Wide Movie Screening of "Protection"
- 2014 Leader, "A Day at Hampshire" Lab Experience for Peck Middle School
- 2014 Participant, "Teaching Naked" with Jose Bowen Workshop
- 2014 Participant, Feminism UnCourse Event
- 2014 Attended Student/Faculty Mixer Event
- 2014 Host, Natural Science Friday Seminar with Professors Emeriti
- 2014 Speaker, Out-of-Classroom Learning Experiences Panel
- 2014 Guest Lecturer, "Communication in the World of HIV" Course
- 2013 Organizer, Campus-Wide World AIDS Day Events
- 2013 Attended Hampshire's Multicultural Student Recruitment Dinner
- 2013 Participant, Creativity Center Campus Mixer
- 2013 Attended Coming Out Day Lunch
- 2013 Speaker, New Faculty Orientation Panel
- 2013 Participant, Natural Science Student Club Planning Meeting
- 2013 Attended Feminisms Dinner
- 2013 Attended LGBTQIA community lunch
- 2012 Organizer, Campus-wide World AIDS Day Events
- 2012 Attended Hampshire's Multicultural Student Recruitment Dinner
- 2012 Participant, Gender Bias in STEM Workshop

related experience

- 2019- PRESENT **Consultant, Northampton Labs**
- 2011-2012 **Science Advisor, American Film Institute**
 - Consultant for screenplays to ensure scientific accuracy
- 2011 **Graduate Student Orientation Committee Co-Chair**
- 2009-2011 **Logistics and Volunteer Coordinator, Mindshare**
 - Organized monthly conferences for 250-450 scientists, engineers, and artists in Los Angeles
- 2010 **Engineer, Rube Goldberg Machine, 'This Too Shall Pass' Music Video for Grammy-Winning band OK Go**
- 2004-2006 **Resident Assistant, Bridgewater State University**
- 2004-2005 **Orientation Leader, Bridgewater State University**