

Hilary A. McManus

-Curriculum Vitae-

Department of Biological and Environmental Sciences
LeMoyne College
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CAREER SUMMARY

Date	Role	Organization
2022-present	Full Professor in Biological & Environmental Sciences	Le Moyne College, Syracuse, NY
2022-2023	President of Faculty Senate	Le Moyne College, Syracuse, NY
2021-2024	President of Northeast Algal Society	Northeast Algal Society
2020-2022	Program Director, Environmental Sciences	Le Moyne College, Syracuse, NY
2019-present	Co-Chair, Sustainability Steering Committee	Le Moyne College, Syracuse, NY
2016 - 2022	Associate Professor in Biological & Environmental Sciences	Le Moyne College, Syracuse, NY
2015 - present	Honorary Research Associate	The New York Botanical Garden, Bronx, NY
2014 - 2019	Associate McDevitt Chair	Le Moyne College, Syracuse, NY
2010-2016	Assistant Professor of Biology	Le Moyne College, Syracuse, NY
2009-2010	Adjunct Lecturer of Biology	Manchester Community College, Manchester, CT
2009-2010	Gratis Research Scientist	University of Connecticut, Storrs, CT
2008	Postdoctoral Researcher	University of Connecticut, Storrs, CT
2007-2008	Postdoctoral Researcher	University of Michigan, Ann Arbor, MI

PROFESSIONAL PREPARATION

Ph.D. in Botany, University of Connecticut	2007
M.A. in Botany, with Honors, University of Kansas	2000
B.S. in Biology, <i>Cum Laude</i> , SUNY Oswego	1998
B.A. in Music, SUNY Oswego	1998
A.A.S. in Biology, Jamestown Community College	1995

PROFESSIONAL DEVELOPMENT

Certified Executive Leadership Coach	July 2021-present
Executive Coaching client, Human Capital International	Feb. 2019-present
Climate Reality Leadership Training	August 2019
Homeward Bound Leadership Development Initiative	2017-present
<i>Leadership development initiative for women in science to build a global network of 1000 women in STEM to influence policy and decision making as it shapes our planet.</i>	

PUBLICATIONS (*indicates Le Moyne undergraduate)

Peer-reviewed Journal Articles

2018

McManus, H.A., Fucíková, K., Lewis, L.A., Lewis, P.O., Karol, K.G. 2018. Organellar phylogenomics inform systematics in the green algal family Hydrodictyaceae (Chlorophyceae) and provide clues to the complex evolutionary history of plastid genomes in the green algal Tree of Life. *American Journal of Botany* 105(3):315-329. *Invited Special Article*

Saber, A.A., Fučíková, K., **McManus, H.A.**, Guella, G. Cantonati, M. 2018. Novel green algal isolates from the Egyptian hyper-arid desert oases: a polyphasic approach with a description of *Pharao desertorum* gen. et sp. nov. (Chlorophyceae, Chlorophyta). *Journal of Phycology* 54:342-357.

2017

McManus, H.A. Sanchez, D.J.*, Karol, K.G. 2017. Plastomes of the green algae *Hydrodictyon reticulatum* and *Pediastrum duplex* (Sphaeropleales, Chlorophyceae). *PeerJ* 5:e3325
<https://doi.org/10.7717/peerj.3325>

2016

Lenarczyk, J., **McManus, H.A.** 2016. Testing the boundaries of the green algal species *Pediastrum alternans* (Chlorophyceae) using conventional, geometric morphometric and phylogenetic methods. *Phycologia* 55:515-530.

2015

Farwagi, A.A*, Fucíková, K., **McManus, H.A.** 2015. Phylogenetic patterns of gene rearrangements in four mitochondrial genomes from the green algal family Hydrodictyaceae (Sphaeropleales, Chlorophyceae). *BMC Genomics* 16:826, doi: 10.1186/s12864-015-2056-5.

2012

Adl, S.M., Simpson, A.G.B., Lane, C.E., Lukes, J., Bass, D., Bowser, S., Brown, M.W., Burki, F., Dunthorn, M., Hampl, V., Heiss, A., Hoppenrath, M., Enrique, L., LeGall, L., Lynn, D.H., **McManus, H.A.**, Mitchell, E.A.D., Mozley-Stanridge, S.E., Parfrey, L., Pawlowski, J., Rueckert, S., Shadwick, L., Schoch, C.L., Smirnov, A., Spiegel, F.W. **2012**. The revised classification of eukaryotes. *The Journal of Eukaryotic Microbiology*

59: 429-493.

McManus, H.A., Lewis, L., Fucíková, K. Haugen, P. 2012. Invasion of protein coding genes by green algal ribosomal group I introns. *Molecular Phylogenetics and Evolution* 62: 109–116.

Qiu, Y-L., Taylor, A., **McManus, H.A.** 2012. Evolution of Life Cycle in Land Plants. *Journal of Systematics and Evolution* 50 (3): 171–194.

2011

McManus, H. A. Lewis, L. A., Schultz, E. 2011. Distinguishing multiple lineages of *Pediastrum duplex* Meyen 1829 with morphometrics, and a proposal for *Lacunastrum* n. gen. *Journal of Phycology* 47(1):123-130.

McManus, H. A., Lewis, L. A. 2011. Molecular phylogenetic relationships in the freshwater family Hydrodictyaceae (Sphaeropleales, Chlorophyceae), with an emphasis on *Pediastrum duplex*. *Journal of Phycology* 47(1):152-163.

2008

McManus, H. A., Qiu, Y. L. 2008. Life cycles in major lineages of photosynthetic eukaryotes with a special reference to the origin of land plants. *Fieldiana: Botany* 193:17-33.

2005

McManus, H. A., Lewis, L. A. 2005. Molecular phylogenetics, morphological variation and colony form evolution in the family Hydrodictyaceae (Sphaeropleales, Chlorophyta). *Phycologia* 44(6):582-595.

2002

McManus, H. A., Boucher, L., Taylor, E. L., Taylor, T. N. 2002. *Hapsidoxylon terpsichorum* gen. et sp. nov., a stem with unusual anatomy from the Triassic of Antarctica. *American Journal of Botany* 89 (12):1958-1966.

McManus, H. A., Taylor, E. L., Taylor, T. N., Collinson, J. W. 2002. A petrified *Glossopteris* flora from Collinson Ridge, Shackleton Glacier Area: Late Permian or Early Triassic? *Review of Palaeobotany and Palynology* 120:233-246.

McManus, H. A., Seago, J. L., Marsh, L. C. 2002. Histochemical and Epifluorescent Shoot Anatomy of *Typha latifolia* L., *Typha angustifolia* L. and *Typha glauca* Godr. *Annals of Botany* 90:489-493.

Book Chapters

McManus, H.A., Qiu, Y.-L. 2010. On alternation of generations in embryophytic plants. pp 190-200, in Darwin's Heritage Today: Proceedings of the Darwin 200 Beijing International Conference (eds. M. Long, H. Gu, and Z. Zhou), Higher Education Press, Beijing.

GUEST LECTURES & SEMINARS

Educational Outreach

- “Algae and Us: The surprising ways algal biology and research impact our lives.” Keynote at 2015 NYS Science Olympiad, Le Moyne College, March 14, 2015.
- “The green algae.” SUNY Oswego guest lecture, Botany class, Dr. James L. Seago, Jr., September 2011; February 2013, 2014.
- “Cryptic diversity in the green algae.” SUNY Oneonta, Biology Seminar, December 2013.
- “The ecology and evolution of the green alga *Pediastrum* and its relatives in the family Hydrodictyaceae.” Natural Science Seminar, Le Moyne College, October 2011.
- “The ecology and evolution of *Pediastrum*, a native alga of Lake Champlain, and its relatives in the algal family Hydrodictyaceae.” Biological Sciences Departmental Seminar, SUNY Plattsburgh, Plattsburgh, NY, October 2007.
- “Introduction to the Algae.” Guest lecturer, Biol 205 Plant and Fungal Biology, Instructor: C. Martine, SUNY Plattsburgh, Plattsburgh, NY, October 2007.

INVITED CONFERENCE PRESENTATIONS

- “Homeward Bound: Leadership, Science and Antarctica.” Presidential Symposium, 73rd Phycological Society of America Conference, Ft. Lauderdale, June 2019.
- “A comparison of chloroplast and mitochondrial genomes within a family of green algae.” Symposium: Seed-free Plants at the Genomic Scale. Botanical Society of America: Botany **2016**, Savannah, GA (Oral Presentation).
- “Integrating molecular and morphological data to infer phylogeny in the Chlorophyta.” Symposium: Resolving the green branch of life: Current progress and future challenges. Botanical Society of America: Botany 2004, Snowbird, Utah, July-August **2004** (Oral Presentation).

CONTRIBUTED CONFERENCE PRESENTATIONS

- “Finding *Euastropsis* (Sphaeropleales, Chlorophyceae).” 77th Annual Phycological Society of America Conference, Providence, RI, June 2023. (Poster Presentation)
- “A phylogenomic re-evaluation of the freshwater green alga *Tetraëdron* Kützing 1845 (Sphaeropleales, Chlorophyceae).” 2019 Northeast Algal Society Conference, April 2019. (Oral Presentation, **presented by Le Moyne undergraduate Eba Mohammed**)
- “Classification of the freshwater green alga *Tetraëdron* Kützing 1845 (Sphaeropleales, Chlorophyceae).” 26th Annual CSTEP Conference, Lake George, NY, April 2018. (Poster Presentation, **presented by Le Moyne undergraduate Eba Mohammed**)
- “A survey of microbial eukaryotes from the SAR clade throughout Iceland.” 57th Northeast Algal Society Conference, April 2018. (Poster presentation, presented by Dr. Daniela Lopes Paim Pinto from University of Rhode Island).
- “Organellar phylogenomics inform systematics in the green algal family Hydrodictyaceae (Chlorophyceae).” Phycological Society of America Conference, Vancouver, BC, Canada, August 2018. (Poster presentation)
- “GRATOL_Left: Progress and challenges in Chlorophyta.” International Phycological Congress,

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- Szcecin, Poland, August 2017. (Poster Presentation)
- “The diversity of house gutter eukaryotic microorganisms: a preliminary analysis.” Phycological Society of America Conference, Cleveland, OH, July 2016 (Poster Presentation, **co-authored with Le Moyne undergraduate students from BIO 327 - Botany**).
- “Mitochondrial Genomes from the Green Algal Family Hydrodictyaceae (Sphaeropleales, Chlorophyceae).” 50th Phycological Society of America Conference, Philadelphia, PA, August 2015 (Poster Presentation, **co-authored with Le Moyne undergraduate Audrey Farwagi**).
- “The Molecular and Morphological Diversity of the Freshwater Green Algal Genus *Hydrodictyon* (Sphaeropleales, Chlorophyceae).” 50th Phycological Society of America Conference, Philadelphia, PA, August 2015 (Poster Presentation, **presented by Le Moyne undergraduate students Nicholas Macoretta and Anna Curtin**).
- “Four Mitochondrial Genomes from the Green Algal Family Hydrodictyaceae (Sphaeropleales, Chlorophyceae).” 54th Northeast Algal Symposium, Syracuse, NY, April 2015 (Poster Presentation, **presented by Le Moyne undergraduate Audrey Farwagi**).
- “Defining the Diversity of the Green Algal Family Hydrodictyaceae in Central New York.” 54th Northeast Algal Symposium, Syracuse, NY, April 2015 (Poster Presentation, **presented by Le Moyne undergraduate student Afsah Chohan**).
- “Assembling the green algal tree of life (GrAToL).” Botanical Society of America, 2014. (Poster Presentation)
- “Variations Between Two Chloroplast Genomes within the Sphaeropleales.” Joint Aquatic Sciences Meeting, Portland, OR, May 2014 (Oral Presentation).
- “Defining the Diversity of *Botryococcus* (Trebouxiophyceae, Chlorophyta).” 53rd Northeast Algal Symposium, Newport, RI, April 2014 (Poster Presentation, **presented by Le Moyne undergraduate student Afsah Chohan**).
- “Examining Chloroplast Genomes in the Order Sphaeropleales.” 53rd Northeast Algal Symposium, Newport, RI, April 2014 (Poster Presentation, **presented by Le Moyne undergraduate student Daniel Sanchez**).
- “Effects of Saline Environment on Freshwater Green Algal Species *Monactinus simplex* and *Pediastrum duplex* (Hydrodictyaceae, Chlorophyceae), 53rd Northeast Algal Symposium, Newport, RI, April 2014 (Poster Presentation, **presented by Le Moyne undergraduate student India Dancil**).
- “Cryptic Diversity and What It Means for *Pediastrum* (Hydrodictyaceae, Chlorophyceae).” 10th International Phycological Congress, Orlando, FL, August 2013 (Oral Presentation).
- “Molecular and morphological variation in selected *Pediastrum* strains.” 52nd Northeast Algal Symposium, Mystic, CT, April 2013 (Poster Presentation, **presented by Le Moyne undergraduate students Craig Frysinger and Jaqueline Schaub**).
- “Testing the diversity of the green alga *Botryococcus* (Trebouxiophyceae).” 52nd Northeast Algal Symposium, Mystic, CT, April 2013 (Poster Presentation, **presented by Le Moyne undergraduate student Dana Baltrusitis**).
- “Assessing the phylogenetic utility of chloroplast genes within the Hydrodictyaceae (Sphaeropleales, Chlorophyceae).” 66th Annual Meeting of the Phycological Society of

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America, Charleston, SC, June 2012 (Poster Presentation, **co-authored with Le Moyne undergraduate students D. Baltrusitis, T. Bigelow, J. Schaub**).

- "Invasion of protein coding genes by green algal ribosomal group I introns." 64th Annual Meeting of the Phycological Society of America, Lansing, MI, June 2010 (Oral Presentation).
- "Occurrence of Group I introns in the *rbcL* gene of chlorophyceae algae." 48th Annual Northeast Algal Society Symposium, Amherst, MA, April 2009 (Poster Presentation).
- "A phylogenetic and morphometric study of the freshwater green alga *Pediastrum duplex* (Sphaeropleales, Chlorophyceae)." 61st Annual Meeting of the Phycological Society of America, Providence, RI, August 2007 (Oral Presentation).
- "Using molecular phylogenetics and morphometrics to determine species boundaries within the freshwater green algal family Hydrodictyaceae (Sphaeropleales, Chlorophyceae)." 46th Annual Northeast Algal Society Symposium, Narragansett, RI, April 2007 (Oral Presentation).
- "What two genes and many isolates reveal about species relationships and geographic distribution of the freshwater family Hydrodictyaceae (Sphaeropleales)." 60th Annual Meeting of the Phycological Society of America, Juneau Alaska, July 2006 (Oral presentation).
- "Characterization of Group IA introns in the chloroplast *rbcL* gene of five *Pediastrum* and two *Bracteacoccus* isolates (Sphaeropleales, Chlorophyceae)." 45th Northeast Algal Symposium, Marist College, Poughkeepsie, NY, April 2006 (Oral presentation).
- "Does thylakoid stacking follow a phylogenetic pattern in green algae?" 59th Annual Meeting of the Phycological Society of America with the 8th International Phycological Congress, Durban, South Africa, August 2005 (Poster presentation).
- "Fuzzy species boundaries in Hydrodictyaceae (Chlorophyceae): Can molecules and growth studies give us 20/20 vision?" 44th Northeast Algal Symposium, April 2005 (Oral presentation).
- "Phenotypic plasticity, molecules and species boundaries in *Pediastrum* Meyen 1829." 58th Annual Meeting of the Phycological Society of America, Williamsburg, VA, August 2004 (Poster presentation).
- "Exploration of morphological and genetic variation within the family Hydrodictyaceae (Sphaeropleales, Chlorophyceae)." 43rd Northeast Algal Symposium, Avery Point, CT, April 2004 (Poster presentation).
- "Exploration of morphological variation within the genus *Pediastrum* Meyen 1829 (Chlorophyceae, Chlorophyta)." 57th Annual Meeting of the Phycological Society of America, Salishan Resort, OR, June 2003 (Oral Presentation).
- "Phylogenetic relationships within the freshwater green algal family Hydrodictyaceae." 42nd Northeast Algal Symposium, Saratoga Springs, NY, April 2003 (Oral Presentation).
- "Phylogenetic relationships among *Pediastrum* spp. and *Hydrodictyon* spp.." 56th Annual Meeting of the Phycological Society of America in conjunction with the Botanical Society of America, Madison, WI, August 2002. (Oral presentation).
- "An Enigmatic Axis from the Triassic of Antarctica." American Journal of Botany (87) 6. Botanical Society of America: Botany 2000, Portland, OR (Oral presentation).

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- "Petrified *Glossopteris* from Collinson Ridge, Shackleton Glacier Area, Antarctica." XVI International Botanical Congress, St. Louis, MO, August 1999 (Poster presentation).
- "Structural comparison of three *Typha* species: *Typha glauca* and its putative parental species, *T. latifolia* and *T. angustifolia*." American Journal of Botany 85(6): 15. 48th Annual Meeting of the AIBS, Montreal, Quebec, August 1997 (Oral presentation).

CLIMATE ACTION PRESENTATIONS

- "The Climate Crisis and Its Solutions." 24 Hours of Reality: Truth in Action. Le Moyne College, Syracuse, NY. November 21, 2019. (~130 attendees)
- "Sustaining Earth: Environmental Justice." Earth Day Speaker, Bristol Myers Squibb, Syracuse, NY. April 24, 2019. (72 attendees)
- "Leadership for Sustainability." Sustaining Earth Lecture Series, Le Moyne College, Syracuse, NY. September 24, 2018. (~85 attendees)
- "Growing on Ice: Climate Change, Women, and Antarctica." Onondaga Audubon Society, September 12, 2018. (30 attendees)
- "Growing on Ice: Women, Leadership, and Antarctica." Project Fibonacci STEAM Conference, July 26, 2018. (60 attendees - high school science students)
- "Mother Nature Needs Us". Invited speaker for the Fienberg Lecture Series, SUNY Oswego, April 26, 2018. (82 attendees)

GRANTS AND AWARDS

- Fulbright Specialist Award to visit and train colleagues genomic data analysis at the Botanical Institute in Krakow, Poland, June 22-July 7, 2018.
- National Science Foundation Noyce STEM Teacher Scholarship Program Grant for Le Moyne College, PIs: Wen Ma, Hilary McManus, Jonathan Needleman. 2017-2022.
- National Science Foundation Research Experience for Undergraduates Award, GrAToL supplement, PIs: Dr. Louise Lewis, University of Connecticut, Dr. Ken Karol, NYBG, \$9,000 to support one REU student at Le Moyne College during summer 2015.
- LeMoyne College Research & Development Research Award, "Publishing Green Algal Genomes." 2014-2015, \$3,600.00 (to cover Open Access publishing costs).
- LeMoyne College Research & Development Research Award, "Utilizing genome sequence data to resolve phylogeny in the freshwater green algae Hydrodictyaceae (Sphaeropleales, Chlorophyceae)." 2013-2014, \$3,561.23.
- National Science Foundation Research Opportunity Award Recipient, GrAToL supplement, PI: Dr. Louise Lewis, University of Connecticut, \$19,840.
- LeMoyne College Research & Development Stipend, Summer 2011, \$2,000.
- National Science Foundation Assembling the Green Algal Tree of Life (GrAToL), Collaborator 2010-2012, \$10,000.
- National Science Foundation Doctoral Dissertation Improvement Grant, *Systematics, colony form evolution and phenotypic plasticity within the family Hydrodictyaceae*, 6/2004-6/2006, \$10,516.
- Ronald Bamford Endowment to the Department of Ecology and Evolutionary Biology, *Completing the Puzzle: Incorporating Euastropsis into the Hydrodictyaceae*

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(Sphaeropleales, Chlorophyta) Phylogeny, 5/1/2004-5/1/2005, \$745.

Phycological Society of America Grants-in-Aid of Research Award, *Systematics, colony form evolution and phenotypic plasticity within the family Hydrodictyaceae*, 4/1/2003 to 4/1/2004, \$1,000.

Phycological Society of America Croasdale Award, *Kindrogan Freshwater Algae Course tuition assistance*, 7/2003, \$1,000.

Ronald Bamford Endowment to the Department of Ecology and Evolutionary Biology, *Systematics of Hydrodictyaceae (Sphaeropleales, Chlorophyta)*, 5/1/2002 to 5/1/2003, \$780.

Sigma Xi Grants-in-Aid of Research, *Petrified Glossopteris: Permian or Triassic?* 1/2000 to 1/2001, \$690.

Travel Awards

Phycological Society of America Hoshaw Travel Award, May 2006, for travel to the 60th Annual Meeting of the Phycological Society of America, \$1,000.

Ronald Bamford Endowment to the Department of Ecology and Evolutionary Biology May 2005, for travel to the 8th International Phycological Congress, \$300.

Phycological Society of America Hoshaw Travel Award, May 2005, for travel to the 8th International Phycological Congress, \$1,000.

Phycological Society of America Hoshaw Travel Award, May 2004, for travel to the 58th Annual Meeting of the Phycological Society of America 2004 conference, \$400.

Phycological Society of America Hoshaw Travel Award, May 2003, for travel to the 57th Annual Meeting of the Phycological Society of America, \$400.

Northeast Algal Society travel award, March 2003, for travel to 42nd Northeast Algal Symposium, \$125.

Deep Time Travel Award, January 2003, for travel to IVth Deep Time Workshop, \$1,000.

Deep Gene Travel Award, August 2002, for travel to Botany 2002, \$500

Presentation Awards

Northeast Algal Society Robert T. Wilce Graduate Student Presentation Award April 2006

Other Honors and Awards

Dr. Louis D. DeGennaro Undergraduate Mentor Award, Le Moyne College 2016

Invited Guest, Le Moyne College Scholar-Athlete Recognition Breakfast 2013, 2014

Biology Upper Level Graduate Teaching Assistant Award, Honorable Mention Spring 2005
UConn Department of Ecology and Evolutionary.

Botanical Society of America Young Botanist Award for Special Achievement 1998

TEACHING

LeMoyne College

Environmental Research: Iceland (BIO/ESS 348)

Biodiversity (BIO/ESS 335)

Integrating STEM Research & STEM Instruction (EDU 300)

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Botany, Lecture & Lab (BIO 327, BIO 327L) - 4 cr.
Spring Field Botany (BIO/ESS 275)
Field Botany (BIO/ESS 329)
Research in Tropical Biology (BIO 420)
Plants & People, Lecture & Lab (BIO 424, BIO 424L) - 4 cr.
General Biology I Lecture (BIO 191) - 4 cr.
General Biology I Lecture & Lab (BIO 191, BIO 191L) - 4 cr.
General Biology II Lab (BIO 192L) - 1 cr.
Evolution, Lecture & Lab (BIO 245, BIO 245L) - 4 cr.
Environmental Sustainability (BIO 225) - 3 cr.
Bioinformatics, Lecture & Lab - 4 cr. (BIO 427, BIO 427L)

Eagle Hill Field Station, Humboldt Foundation, Steuben, ME May-June 2010
Introduction to Phylogenetic Methods

Manchester Community College, Manchester, CT 2009-2010
Introduction to Biology for non-majors, Lecture & Lab (BIO 105)

UNDERGRADUATE RESEARCH ADVISEES

Sydney David, Student at Le Moyne College	2022-2023
Mohamed, E. McDevitt Research Fellow, Le Moyne College	2017-2019
Cummings, T. Student at Le Moyne College	Spring 2018
Macoretta, N. REU Student, Le Moyne College	2015-2016
Curtin, A. McDevitt Research Fellow, Le Moyne College	2015-2016
Meador, T. Student at Le Moyne College.	2015-2016
Chohan, A. Student & McDevitt Research Fellow, Le Moyne College	2013-2015
Tesfahoyanes, B. Student at Le Moyne College	2014-2015
Farwagi, A. Volunteer Researcher, 2014 graduate of Le Moyne College	2014-2016
Dancil, I. Student at Le Moyne College	Spring 2014
Sanchez, D. Student at Le Moyne College	2013-2014
Baltrusitis, D. Student at Le Moyne College	2012-2013
Schaub, J. Student at Le Moyne College	2012-2013
Frysinger, C. Student at Le Moyne College	2012-2013
Bigelow, T. Student at Le Moyne College	Spring 2012

SERVICE

Le Moyne College

President of Faculty Senate	May 2022-2023
Vice President/President-elect of Faculty Senate	2021-May 2022
Co-Chair, Environmental Sustainability Strategic Plan Steering Committee	2019-present
Rank and Tenure Committee Member	2018-2020
Beta Beta Beta Induction ceremony speaker	May 2018
Assistant Professor of Genetics, Search Committee Chair	Fall 2015

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Assistant Professor of Physiology, Search Committee Chair	Fall 2015
Assistant Professor of Ecology Search Committee	Spring 2015
Visiting Professor for Anatomy & Physiology Search Committee	Spring 2015
Respondent for "The Future of Being Human" speaker Dr. Rob Dunn	Feb. 24, 2015
Wilson Art Gallery 2015-2016 Exhibit Selection Committee	Spring 2015
Feast of St. Francis Event Organizing Committee	Fall 2014
Faculty Executive Board, Division 3 Representative	2014-2016
Fellowships and Scholarships Committee	2014-2015
Integral Honor's Thesis Committee: Nicole Martinez	Spring 2014
Faculty Advisor to Student Environmental Coalition Club	2012-2015
Natural Sciences Seminar Organizing Committee	2011-present
Faculty Microbiologist/Immunologist Search Committee	2013-2014
Environmental Committee	2013-2014
Master's of Global Health Development Committee	2012
Intercollegiate Athletic Advisory Board	2012-2013
Search Committee for Administrator for Sponsored Research Position	2012-2013
<i>National Science Foundation</i>	
NSF Grant Proposal - <i>ad hoc</i> external reviewer	Fall 2019
NSF Grant Proposal Review Panel	October 2017
NSF Preliminary Proposal Review Panel	April 2014
NSF Ad hoc Grant Proposal Reviewer	Fall 2013
NSF Grant Proposal Review Panel	2012; 2017
<i>Professional Societies</i>	
Northeast Algal Society President	2021-present
Northeast Algal Society Vice President/President-Elect	2019-2021
Northeast Algal Society Co-Convenor, 54th (2015) NEAS Conference	2013-2015
G. F. Papenfuss Poster Judge, 10th International Phycological Congress	2013
Botanical Society of America Darbaker Prize Committee	2012-2013
Northeast Algal Society Secretary	2011-2016
Phycological Society of America Membership Committee	2011-2012
Northeast Algal Society Nominations Committee Chair	2009-2010
Northeast Algal Society Nominations Committee	2008-2009
<i>Community</i>	
Renewable Fayetteville Committee	Aug. '22-present
Engaged Buddhism for Climate Action	Dec.'21-March '22
Earth Day Reflection (Homily) for All Saints Parish	April 25, 2021
Presenter for Central New York Model United Nations	January 10, 2020
Laudato Si "Care for Our Common Home" Task Force - Science rep.	2018-2019
Be the Botanist scientist volunteer, Museum of Science & Technology	March 30, 2019
Women in STEM Panel Member, Museum of Science & Technology	May 10, 2018
Board of Directors, Baltimore Woods Nature Center (BWNC), Marcellus, NY	2014-2017

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Development Committee, Baltimore Woods Nature Center, Marcellus, NY	2016-2017
Executive Board, Natural STEM Enrichment at BWNC, Marcellus, NY	2015-2016
Plant Cells Lesson for 10 students, grades 5-7 at The New School, Dewitt	May 19, 2015
Plant Cells Lesson for 9 students, grades 5-7, The New School, Dewitt	May 6, 2015
Judge, Ying TRSEF Science Fair Scholars Finals	2015