

Stephen F. Mitten, S. J.

Senior Lecturer
School of Environmental Sustainability
Director of Biodiversity Research at LUREC
Loyola University Chicago
6525 N. Sheridan Road, Chicago, IL 60626
Loyola University Retreat and Ecology Campus (LUREC)

EDUCATION

- 2005 Graduate Certificate in Tropical Biology and Conservation, Harris World Ecology Center (HWEC) formerly the International Center for Tropical Ecology (ICTE) at the University of Missouri-St. Louis.
- 2004 Masters of Science, Tropical Ecology, University of Missouri-St. Louis, MO
- 1991 Masters of Divinity, Jesuit School of Theology-Berkeley, Berkeley, CA
- 1989 Certificate in Spiritual Direction & Counseling, Wernersville, PA.
- 1985 Certificate in Philosophy and Letters, St. Louis University, St. Louis, MO.
- 1985 Teaching Certificate. Marquette University, Milwaukee, WI
- 1979 B.S. Biological Science, Northern Illinois University, DeKalb, IL.

EMPLOYMENT AND PROFESSIONAL EXPERIENCE

- 2020-present Senior Lecturer, School of Environmental Sustainability, Loyola University Chicago.
- 2016-2019 Advance Lecturer, Institute of Environmental Sustainability, Loyola University Chicago.
- 2012-2016 Lecturer, Institute of Environmental Sustainability, formerly Center for Urban Environmental Research and Policy (CUERP) at Loyola University Chicago
- 2012-2020 Spiritual Director and Director of Undergraduate Biodiversity Research at LUREC (Loyola University Retreat and Ecology Campus)
- 2005-2011 Instructor of Environmental Science, moderator of Ecology Club, St. John's College Junior College, Belize City, Belize
- 2007-2010 Department Chair, Natural Science, Math and Computer Science Department, St. John's College Junior College, Belize City, Belize.
- 2006 Acting Assistant Dean, SJJC-School of Professional Studies
- 1998-2002 Director Sioux Spiritual Center, Howes, SD.
Director Ministry Formation Program, Diocese of Rapid City, SD.
- 1993-98 Associate Director, Sioux Spiritual Center, Howes, SD.
Associate Director, Ministry Formation Program, Diocese of Rapid City
- 1992-93 Teacher, Marquette University High School, Milwaukee, WI. Biology, theology.
- 1988-91 Substitute Teacher, Oakland Catholic High Schools, Oakland, CA.
- 1985-88 Department Chair, Science Department, instructor of biology, college prep biology, intro to physical science, head track coach, head JV basketball coach, assistant varsity football and basketball coach, Red Cloud Indian School, Pine Ridge, SD.
- 1975-79 Park patrolman, Illinois Department of Conservation, Illinois Beach State Park, Zion, IL

COURSES TAUGHT AT LOYOLA UNIVERSITY CHICAGO

* Indicates Study Abroad course

UCSF 137: The Scientific Basis of Environmental Issues

ENVS 218: Biodiversity & Biogeography

BIOL 215: Ornithology

ENVS 267-E: Bird Conservation & Ecology
ENVS 280: Principles of Ecology Lecture
ENVS 286: Principles of Ecology Lab
ENVS 325: Sustainable Agriculture
*ENVS 340/BIOL 361-E: Natural History of Belize
*ENVS 345-E: Conservation. & Sustainability of Neotropical Ecosystems
ENVS 369-E: Field Ornithology
ENVS 395-E: Environmental Internship
ENVS 398-E: Environmental Research
ENVS 398/498-E: Ecuadorian Ecosystems: Diversity, Geography, and Conservation
BIOL 395-E: Field Research in Ornithology
ENVS 399 Directed Readings in Environmental Science
ENVS 498 Special Topics in Environmental Science

COURSES TAUGHT

Ecology, Evolution and the Environment (non-majors); Introduction to Environmental Studies (non-majors); Fundamental Ecological Principles; Environment and Society; Geography of Environmental Systems; Sustainable Agriculture and Aquaculture; Environmental Monitoring and Sustainable Energy; Research Methods in Tropical Ecology

RESEARCH INTERESTS

Avian Ecology, Tropical Ecology, Conservation Biology, Ecology and Regeneration of Ecosystem Integrity.

MENTORSHIP

Undergraduate Students:

* Indicates mentored undergraduate student co-author on a publication.

Loyola University Chicago:

Ethan Bower & Lily Walker. Poster Presentation: “*Genera of Palms of the Peruvian Amazon in Madre de Dios, Peru*”. Undergraduate Research and Engagement Symposium, April 2024.
Caitlin Gromacki & Brody Pham. Poster Presentation: “*Surveying Mammal Populations in Madre de Dios, Peru*”. Undergraduate Research and Engagement Symposium, April 2024.
Kyleigh Miklos. Poster Presentation: “*Neotropical Navigators: Mapping habitat quality and abundance of neotropical migratory bird species wintering in Belize.*” Senior Capstone Project. Undergraduate Research and Engagement Symposium, April 2024.
Piper Morris, Eavan Sohr, Jessica Zarosl. Poster Presentation: “*Vertical Stratification of Amazonian Avian Species in Madre de Dios, Peru*”. Undergraduate Research and Engagement Symposium, April 2024.
Grace Niemiec, Amelia Schneider, Marinda Vacanti. Poster Presentation: “*Examination of Lepidoptera Diversity in Madre de Dios, Peru*”. Undergraduate Research and Engagement Symposium, April 2024.
Rowan Schul. Poster Presentation: “*The Concentration of Heavy Metals Within Bird Feathers of Neotropical Migrants Found on Loyola’s Lakeshore Campus 2022-2023*”. Undergraduate Research and Engagement Symposium, April 2024. LUROP Fellow.
Grace Whitten. Poster Presentation: “*Pollution in Feathers: A Reflection of Environmental Racism in Chicago*”. Senior Capstone Project. Undergraduate Research and Engagement Symposium, April 2023.
Sophia Janidlo & Megan Mech. Poster & Video Presentation: “*Assessing the effects of human presence on reptile and amphibian population density in Southeastern Peru*”. Undergraduate Research and Engagement Symposium, April 19 - 24, 2022.
Antonio Reyna & Julia Rygiel. Poster & Video Presentation: “*The World of Arachnids and Observational*

Findings in Peru". Undergraduate Research and Engagement Symposium, April 19 - 24, 2022.

Lucas Ochoa, Brian Thompson, Grace Whitten. Poster & Video Presentation: "*Biodiversity through the Lens of Bird Flocks*". Undergraduate Research and Engagement Symposium, April 19 - 24, 2022.

Richard Dollhopf & Josie Neville. Poster & Video Presentation: "*Butterflies and Moths of Peru*". Undergraduate Research and Engagement Symposium, April 19 - 24, 2022.

Sidney Ryan, Al Dines, Fiona Farrer. Poster & Video Presentation: "*Three Girls and Some Fungi: The Fungi of Madre de Dios, Peru*". Undergraduate Research and Engagement Symposium, April 19 - 24, 2022.

John Resener & Jesus Leal. Poster & Video Presentation: "*Vertical Stratification of Mammals in the Amazon Peru*". Undergraduate Research and Engagement Symposium, April 19 - 24, 2022.

Mitchell McGreal & Carly Fournier. Poster & Video Presentation: "*Quantifying Microplastics in Migratory Birds at Loyola University Chicago Campus*". Undergraduate Research and Engagement Symposium, April 19 - 24, 2022.

*Mitch McGreal & Carly Fournier Undergraduate Research project "*Examination of Micro and macroplastics in the Lower Gastrointestinal Tract of Migratory Birds in support of exposure and effect assessments and management*". Undergraduate Research and Engagement Symposium, April 19-24, 2022.

Alexandra Brzezinska, Lily Paukstys, Veronika Szczepanik. Poster Presentación: "*Herpetofauna de Madre de Dios, Peru*". Undergraduate Research and Engagement Symposium, April 2020.

Sydney Nice & Michael Pederson. Poster Presentación: "*Mariposas de Madre de Dios, Peru*". Undergraduate Research and Engagement Symposium, April 2020.

Claire Nusekabel, Carly Fournier, Andrew Roseman. Poster Presentation: "*The Fungus Among Us: Fungi of Madre de Dios, Peru*". Undergraduate Research and Engagement Symposium, 2020.

Jenna Molaro, Ethan Ferguson. Poster Presentation: "*Who Saw that Hoatzin? Avian inventory of Madre de Dios Region in Peru*". Undergraduate Research and Engagement Symposium, 2020.

Carly Fournier, Mackenzie Roof, Kevin White, Alicia Vrabec. Poster Presentation: "*Student Operation of Avian Relief*". **Winners of the Community Engagement Award for Sustainability 2020.** Undergraduate Research and Engagement Symposium, 2020.

*Luke Landry & Kevin White – *Pollination Ecology at Loyola University Retreat and Ecology Campus and at other Monarch Waystations, McHenry County, IL 2017. Winner Loyola Outstanding STEM Undergraduate Researcher Award 2018. Winner Loyola Outstanding Community Engagement for Innovation in Sustainability Award 2018.*

ENVS 345 Class. Poster Presentation: "*Birds of a Feather: ebird bird survey of the birds of the Madre de Dios Region of Peru*". Undergraduate Research and Engagement Symposium, 2018.

ENVS 345 Class. Poster Presentation: "*Plant Species Diversity of the Peruvian Amazon Forest Floor*". Undergraduate Research and Engagement Symposium, 2018.

ENVS 345 Class. Poster Presentation: "*Small-Scale Herpetology Survey of Madre de Dios Region, Peru*". Undergraduate Research and Engagement Symposium, 2020.

ENVS 345 Class. Poster Presentation: "*Mammal Mania! Amazon Mammals.*" Undergraduate Research and Engagement Symposium, 2018.

*Erica Becker & Lian Lucansky -- *The Aquatic Insect Community Structure and Accompanying Physiochemical Parameters of Powers Creek at Loyola University Retreat and Ecology Campus, McHenry County, IL 2016. Undergraduate Research and Engagement Symposium, 2017. Winners Loyola Outstanding STEM Undergraduate Researcher Award 2017.*

*Samantha Panock -- *Aquatic & Shoreline Terrestrial Plant Composition with Floristic Quality Index of Powers Creek, at Loyola University Retreat and Ecology Campus, McHenry County, IL 2016. Undergraduate Research and Engagement Symposium. Winner Loyola Outstanding STEM*

Undergraduate Researcher Award 2017.

Haley Diel, Caitlin Dillion, Graciela Olmedo, Rosemary Stresino, Stephany Virrueta. Poster Presentation. "A New Generation of Citizen Science in Belize: Data Collection of Bird Species for eBird and BERDS" Undergraduate Research and Engagement Symposium, 2016.

Kanyarak Anunchiternon, Genesis Bustamante, Nick Diaz, Mark Jacks, Jenny Par, Abigail Shift, Nicole Spehn, Stephen Tuscher. Poster Presentation. "Citizen Science and the Sibun River: Testing for Water Quality in Belize's Fourth Longest River." Undergraduate Research and Engagement Symposium, 2016.

Reed Leopold & Graciela Olmedo – *Environmental Changes within Three Calcareous Ponds, Summer 2015*. Undergraduate Research and Engagement Symposium, 2016. G. Olmedo **Winner IES E. O.**

Wilson Award for Independent Environmental Research 2016

*Catharine Pacholski, Samantha Keyport & Joseph Gasior – *Ecosystem Profile Assessment of Biodiversity at LUREC. Summer 2014*. Undergraduate Research and Engagement Symposium, 2015. **Winners Loyola Most Outstanding STEM Undergraduate Researcher Award 2015.**

*ENVS 340 Class. Research paper and poster Presentation: "Friend of the Sibun: Water Quality in Belize: A report to the Sibun River Watershed Association (SWA). **Winner of Community Engagement Award for Innovation in Sustainability 2015**

Edgar R. Perez – Biodiversity Research at LUREC. Summer 2012 & 2013. **Winner Loyola Most Outstanding STEM Undergraduate Researcher Award 2014 for combined 2012-2013 research.**

*Edgar R. Perez– *Avian Species Structure at Loyola University Retreat and Ecology Campus during the 2012 summer breeding season.*

St. John's College Junior College:

Emerlyn Banner, Liany Ayuso,--Environmental correlates of leaf stomata density between mangrove species. 2010

Noe Verde - Insect diversity between old and new growth mangrove forests. 2010

Godfrey Roshel, Joshua Morey -Comparative survey of soil invertebrates between two Belize ecosystems. 2010

Liany Ayuso- Carbon stock estimates and correlates between two forest types in Hill Bank, Belize. 2010

Karena Mahung, Michael DelValle, Roxanne Perez- Foraging behavior of the Short-finned Molly. 2009

Owen Baizar, Lisa Flores, Ameera Marin, Edgar Perez - Rate of decomposition in the mangrove vs. tropical forest. 2009

Karena Mahung - Sea grass cover at Joe Taylor Creek, Belize, Apr '07- Apr '09. 2009

Edgar R. Perez - A comparative microfauna diversity assessment of two tropical ponds in Belize, C.A. 2009

PUBLICATIONS AND RESEARCH

* Indicates publication with mentored undergraduate student co-author

Huang, T. and S. Mitten (2022). *Microplastic accumulation in the gastrointestinal tracts of nestling and adult migratory birds*. Journal: **Science of the Total Environment**. Volume 838, Part 1, 10 September 2022, 155827

Mitten, Stephen (2018). "Awakening Your Heart to Ecology" magazine article in the **Midwest Jesuit Journal**, November 2018.

* Landry, L., K. White and S. Mitten (2017). *Pollination Ecology at Loyola University Retreat and Ecology Campus and at other Monarch Waystations, McHenry County, IL 2017*. Institute of Environmental Sustainability, Loyola University Chicago.

*Becker E., L. Lucansky, and S. Mitten (2016). *The Aquatic Insect Community Structure and*

Accompanying Physiochemical Parameters of Powers Creek at Loyola University Retreat and Ecology Campus, McHenry County, IL 2016. Institute of Environmental Sustainability, Loyola University Chicago.

- *Panock, S. and S. Mitten (2016). *Aquatic & Shoreline Terrestrial Plant Composition with Floristic Quality Index of Powers Creek, at Loyola University Retreat and Ecology Campus, McHenry County, IL 2016.* Institute of Environmental Sustainability, Loyola University Chicago.
- * Olmeda, G. and S. Mitten (2015). *Environmental Changes within Three Calcareous Ponds at Loyola Retreat and Ecology Campus Summer 2015.* Poster presentation for Institute of Environmental Sustainability, Loyola University Chicago.
- *Pacholski, C., S. Keyport, J. Gasior, and S. Mitten (2014). *Ecosystem Profile Assessment of Biodiversity at LUREC.* Institute of Environmental Sustainability, Loyola University Chicago.
- *Perez, E.R. and S.F. Mitten (2012). *Avian Species Structure at Loyola University Retreat and Ecology Campus During the 2012 Summer Breeding Season.* Institute of Environmental Sustainability, Loyola University Chicago.
- Mitten, S., C.S. McKeon, and I.C. Feller (2004). *Winter and summer bird communities of Twin Cayes, Belize.* Atoll Research Bulletin, 527:1-21 National Museum of Natural History, Smithsonian Institution.
- Mitten, Stephen (2003). *Behavioral ecology of Aratus pisonii (Mangrove Tree Crab).* (Unpublished Smithsonian Tropical Research Institute, (STRI) manuscript).

FELLOWSHIPS AND GRANTS

- 2020 IES online course development grant, Summer 2020. (\$4000 for development of two online courses: ENVS 218 and ENVS 280).
- 2016 US Fish and Wildlife Grant/ Monarch Project; \$600.00
- 2012 United States Department of Agriculture HEC, \$29,948. 2012-2013 (co-PI: L.Vale, S. Lishawa, S. Mitten, C. Peterson. PI: N. Tuchman).
- 2006 PACT (Protected Areas Conservation Trust) \$50,000 BZ to start Environmental Science Program at St. John's College Junior College
- 2005 International Center for Tropical Ecology (ICTE) Research Scholarship Award (Ecology of the White-crowned manakin (*Pipra pipra*) in Ecuador)
- 2004 Smithsonian Environmental Research Center (SERC) Student Fellow
- 2003 Smithsonian Tropical Research Institute, (STRI) Bocas del Toro, Panama; Tropical Marine Ecology Research: Behavioral ecology of *Aratus pisonii*, the Mangrove tree crab. Summer student fellowship offered jointly by Organization of Tropical Studies (OTS) and the Smithsonian Tropical Research Institute in Panama.

HONORS

- 2024 Runner-up Kolvenbach Award for Engaged Teaching. Loyola University Chicago
- 2014-2018 Nominated Langerbeck Award for Undergraduate Mentoring. Loyola University Chicago
- 2017 Langerbeck Award for Undergraduate Mentoring. Loyola University Chicago
- 1988 Teacher of the Year. Red Cloud Indian High School, Pine Ridge, South Dakota

INVITED LECTURES, WORKSHOPS, PRESENTATIONS & PROFESSIONAL DEVELOPMENT

- 2024 Birding Paraguay's Six Ecoregions: 12-day educational and biodiversity expedition. June 22 – July 4, 2024
- 2024 Instructor of evolution, biodiversity, and ornithology for *Jesuit First Studies Integral Ecology*

Intensive Course: Biodiversity. LUREC. May 2024.

2023 “*Birds of Belize and the History of their Conservation*” Keynote Speaker at Illinois Audubon Society’s Annual Meeting. May 18, 2023

2022 American Ornithological Society’s (AOS) Annual Meeting, *On the Wings of Recovery: Resilience & Action*, June 27-July 1 San Juan Puerto Rico, 2022.

2022 Instructor for *THEA Summer Institute* (Theology of Healing Earth in Action) June 19-24, 2022.

2022 Panelist on University Libraries: “*Understanding and Respect the Past and Present: panel on indigenous peoples.*” March 30, 2022.

2021 “*Laudato Si, Environmental and Social Justice and Jesuit Spirituality*”. Presentation to the Deacons of the Diocese of Joliet: Bishop Ron Hicks, coordinator. May 20, 2021.

2020 7th North American Ornithological Conference (NAOC VII) Aug 10-15, 2020.

2020 The Society for Conservation Biology (SCB). North American Congress for Conservation Biology. Virtual NACCB 2020! July 27 to 31, 2020. *Crossing Boundaries: Innovative Approaches to Conservation*.

2020 “*Care for our Common Home (Laudato Si) and the Jesuit’s Fourth Universal Apostolic Preference*”. Main Guest Presenter at St. John’s College High School Discussion Series & Launch of Laudato Si. Belize City, Belize. Nov 24, 2020.

2020 “*Laudato Si, Environmental and Social Justice and Jesuit Spirituality*”. Presentation to the Deacons of the Archdiocese of Chicago: Deacon Richard Hudzik, coordinator. Oct 29, 2020.

2020 “*Biodiversity, Climate Change and Social Justice.*” Workshop Presenter at Sisters of the Divine Word Speaker’s Series; June 14, 2020.

2020 “*Awakening Your Heart to Ecology: interface between ecological knowledge and religious belief to achieve a more sustainable future*”. Presenter at First Forum Series on Theology and Science, First Unitarian Society of Hyde Park.

2020- **present** “*Birding Skills*”. Guest lecture in Dr. Joseph Milanovich’s BIOL class on the Natural History of Vertebrates.

2019 American Ornithological Society (AOS) Annual Meeting. *Birds on the Edge: Dynamic Boundaries* June 24–28 Anchorage Alaska, 2019

2019 “*Awakening Your Heart to Ecology: Ignite our hearts with a love for our Common Home.*” Workshop Presenter at Marquette University High School Faculty Convocation. February 8, 2019.

2019 “*Sustainable Bird Friendly Campuses.*” Presenter at Loyolax, sponsored by the President’s Maroon and Gold Society. Modeled after TED talks. April 10.

2019 “*Biodiversity Research and Monitoring at LUREC 2013-2018 Woodstock, IL*”. Workshop presenter at Wild Things Conference Chicago, IL: February 23, 2019.

2018-2019 “*Threats to Bird Biodiversity and the Urban Landscape*”. Guest lecture at Arrupe College environmental science courses, and Dr. Sasha Adkin’s UCSF 137 classes.

2018 “*Managing Conservation Areas for bird.*” Guest lecture in Dr. Brian Okowski’s Conservation Biology course.

2017 “*Why Biodiversity is important.*” STEM scholars and US Rep Randy Hultgren at LUREC Dec 2, 2017 for the day. Hosted them.

2017 “*Good Grief: Catholic Perspectives on Death & Grieving*”. Panelist. Sponsored by Campus Ministry. Oct 30.

2017 “*Sustainable Agriculture.*” Guest lecturer for Thom Hoang’s class. Nov 14 & 16.

2017-2019 “*Biodiversity: Why are these critters important.*” Guest lecturer for Dr. Michael Schuck’s ethics classes.

2017 “*Renewing and Recycling our Spiritual Connection with God*”. Sept 16. Alumni Retreat facilitator.

2017 “*Loyola’s SOAR program and related conservation efforts*”. Midwest region of SENCER workshop:

Engaging Science' teaching manual aimed at using topics like migratory birds to engage students in science and civic engagement. LUREC July 2017

2017 "*Behavior Ecology of the White-crowned manakin*". IES Sept 27 Seminar.

2016 "*White-crowned manakin; indicator species of Amazonia Basin Health*". Jornada Geografica – Globalization Y Gestion de Cuencas Transfronteris, Puerto Maldonado (Peru), Cobija (Bolivia), Brasileca (Brasil) del 01 al 05 de Agosto, 2016

2016 The Third North America Congress for Conservation Biology, Madison, WI July 17-21, 2016

2016 Panelist at Great Lakes Environmental Film Festival, Marquette University; SOAR (Student Operation for Avian Relief) -- film screening of Mathew Grcic short film on the topic

2016 Panelist at "*Sacred Water: An Interfaith Panel*," Water Week 2016 event of the Student Environmental Alliance

2016 "*Laudati Si: Colloquium on Catholic Intellectual Heritage*, Philosophy Department Graduate School

2016 "*Laudati Si*," given to the Jesuit scholastics of Loyola University weekly seminar series

2016 "*The Pope and Laudati Si*": Sisters of Charity Annual Convention. All day workshop

2016 "Science and Religion - *Laudati Si*": Illinois Institute of Technology

2016 "*Laudati Si: Catholic Social Teaching on the Environment*", University of Chicago Retired Faculty meeting

2016 "*Laudati Si: Catholic Social Teaching on the Environment*", First Unitarian Church of Chicago

2015 "*Experiential learning -Conservation and Sustainability in Belize*", Loyola University Museum of Art --Tea with the Jesuits"Series

2015 "*Chicago Breeding Bird Trends and the Bird Conservation Network*", guest lecture in Dr. Ray Dybzinski's Ecology class.

2014-2017 Environmental Ethics Workshop at LUREC for Dr. James Murphy's Philosophy courses

2014-2020 "*Community –based Conservation in Belize*", given in Dr. Schusler's Human Dimensions of Conservation classes.

2014 "*Experiential learning -Conservation and Sustainability in Belize*", IJEP meeting

2014 "*Experiential learning –Social Justice, Conservation and Sustainability in Belize*", Theology Department Seminar

2014 "*Behavior Ecology of the White-crowned manakin*", given at Illinois Natural History Society Meeting

2013 "*Behavior Ecology of the White-crowned manakin*", given at McHenry County Audubon Society Meeting

2013 "*Environmental Science and the Church's Call to Sustainability*". Jesuit Volunteer Corp of Chicago

SERVICE

2022-**present** Member of SES Undergraduate Studies Committee

2022-2023 Chair SES Member NTT Search Committee for Environmental Science and Sustainability

2022-2023 Member of SES Search Committee for SES Associate Dean of Faculty.

2022-**present** director of Senior Retreat Campus Ministry LUREC.

2022-**present** serve on Board of Directors for **Come to Believe**

2022-2024 Served on Faculty Center for Ignatian Pedagogy's St. Ignatius Award for Excellence in Teaching Selection Committee.

2022- Chair Promotion Committee to Advanced Lecturer

2021-2022 SES Member NTT Search Committee for a Conservation ecologist.

2020 McHenry County Conservation District Conservation Congress Feb 2020

2020 Bird Conservation Network Search Committee for research project statistician

2019-2020 SES Member NTT Search Committee for Conservation ecologist.

2019 McHenry County Conservation District Conservation Congress Feb 2019

2018-2019 Chicago Wilderness Red-headed Woodpecker Priority Species Research team member.
2018 Bird team leader for LUREC BioBlitz May 2018
2018-**present** Student research poster evaluator for the Weekend of Excellence.
2018 McHenry County Conservation District Conservation Congress Feb 10, 2018
2017-2018 IES Member NTT Search Committee for Plant/ Agriculture ecologist.
2017-2023 Moderator of Carson Scholars
2017-2020 Chicago Region Oak Ecosystem Recovery Team,
2017 Chicago Botanical Gardens Workshop on Oak Ecosystem Recovery.
2016 McHenry County Conservation District Conservation Congress 2016
2016 Individual Directed Eco-spirituality Retreat LUREC
2015-2018 Monarch Project, Friends of Hackmatac and US Fish and Wildlife Service
2015-2018 IPS Parish Health and Wellness Ministry Certificate Intensives, opening and closing presentations.
2015-**present** SES Departmental Honors and Awards Committee (Carson, Leopold and Wilson, etc.)
2015-2022 Institute of Environmental Sustainability (IES) Undergraduate Research Fellowship Committee
2014-2017 Boone –Dutch Creek Watershed Planning Committee
2014-2016 Chicago Metropolitan Agency for Planning (CMAP) meetings
2014-**present** McHenry County Audubon Society Bird Survey Captain and Advisory Committee
2014-2015 The Catholic Coalition on Climate Change’s St. Francis Day Celebrations
2013-**present** Carbon Fellowship Proposal Evaluation Committee.
2013-**present** Co-moderator of *SOAR* (Student Operation for Avian Relief)
2013-**present** Assist the Office of International Programs in training workshops for faculty on developing Study Abroad courses and work Study Abroad Fairs
2013-2017 International Jesuit Ecology Project
2013-2015 The Envirothon – Judge at annual competition held for high school students throughout North America. Designed to teach kids about environmental education, the best teams from over 47 states and provinces come together during the summer to compete.
2013-2016 McHenry County Environmental Science Groundwater Festival LUREC
2013-2016 LUC Office of Sustainability Strategic Planning Committee Member
2013-2022 LUC Landscape Committee
2013 Conway Bennett, Learning Department at John G. Shedd Aquarium 2-day Workshop out at LUREC on teacher professional development with a focus on local watersheds, citizen science and Sustainability.
2013 National Fish and Wildlife Foundation – Five Star Restoration Grant Program 2013
2013 Loyola University Chicago USDA Food Systems and Sustainable Agriculture Curriculum Development Workshops and Planning Committee
2012-**present** Breeding Bird Monitor for Bird Conservation Network and McHenry County Conservation District.
2012-2020 360 Retreats, Search Retreats, Silent retreats, LUREC
2012-**present** Director Senior Retreat, April, LUREC
2012-2016 LUREC Land Management Committees
2012-2016 Faith & Sustainability Committee
2012-2016 Eco-spirituality Retreats. LUREC
2012-2019 Monthly Restoration weekends out at LUREC.
2012-2014 Loyola University Jesuits Community Advisory Committee to the President.
2012-2013 Harvest Fest Planning Committee,
2012-2013 Committee on Scheduling Space at LUREC,

2012-2013 Campus Ministry Retreat Development Teams

PROFESSIONAL SOCIETY MEMBERSHIPS AND COMMUNITY AFFILIATIONS

American Birding Association (ABA)

American Ornithological Society (AOS)

Association of Field Ornithologist (AFO)

Belize Audubon Society (BAS)

Bird Conservation Network (BCN)

Boone Creek Watershed Alliance

Environmental Defenders of McHenry County

Friends of Hackmatack Wildlife Refuge

Illinois Ornithological Society (IOS)

Illinois Audubon Society

McHenry County Audubon Society

Mesoamerican Society for Biology and Conservation- Belize Chapter

Mesoamerican Reef Project

Neotropical Ornithological Society (NOS)

The Society for Ecological Restoration (SER)

The Society for Conservation Biology (SCB)