

Stephen F. Mitten, S. J.

Curriculum Vitae

Ecology/Biodiversity/ Conservation Faculty and Spiritual Director
Institute of Environmental Sustainability
Loyola University Chicago
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EDUCATION

- 2005 Graduate Certificate in Tropical Biology and Conservation, 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

- 2012-present Ecology faculty, Center for Urban Environmental Research and Policy (CUERP) at Loyola University Chicago
- 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, SJCJC-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, Red Cloud Indian School, Pine Ridge, SD.
- 1975-79 Illinois Department of Conservation, Illinois Beach State Park, Zion, IL

FELLOWSHIPS AND GRANTS

- 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.

MENTORSHIP

Undergraduate Students:

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

Loyola University Chicago:

*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

*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 manuscript).

PROFESSIONAL SOCIETY MEMBERSHIPS AND COMMUNITY AFFILIATIONS

American Birding Association (ABA)

Belize Audubon Society (BAS)

Chicago Botanic Garden

Environmental Defenders of McHenry County

McHenry County Audubon Society

Mesoamerican Society for Biology and Conservation- Belize Chapter

Mesoamerican Reef Project

The Society for Ecological Restoration (SER)

The Society for Conservation Biology (SCB)

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; Natural History of Belize: Tropical Ecosystems; Field Ornithology