

EDUCATION

University of Chicago: *Chicago, Illinois.* Committee on Evolutionary Biology. Ph.D. 6/08.

University of Chicago: *Chicago, Illinois.* Committee on Evolutionary Biology. Masters of Science. 6/04.

Michigan State University: *East Lansing, Michigan.* Honors Bachelor of Science in Environmental Biology. Honors College and College of Natural Sciences. 5/00.

RESEARCH EXPERIENCE

Visiting Scientist: *University of Chicago, Department of Ecology and Evolution. Chicago, Illinois.*

Analyze and publish data collected during graduate research. 6/08-present.

Graduate Research: *University of Chicago, Committee on Evolutionary Biology. Chicago, Illinois.*

Study the synergistic interactions of multiple species invasions on Robison Crusoe Island, Chile.

NSF Graduate Research Fellow 7/04 – 6/08. IMGIP Fellow 10/03-6/04. NSF GAANN Fellow 6/02 – 9/07.

Consultant: *Mighty Acorns, Field Museum of Natural History, Chicago, Illinois.*

Statistically analyzed questionnaires for youth environmental stewardship program. 10/00-3/01.

Undergraduate Research: *Institute of Ecosystem Studies, Millbrook, New York.*

Conducted an independent research project titled “Effects of Japanese Barberry, an exotic shrub, on nesting success of veerys in southeastern New York” in an REU program funded by NSF. 6/99-8/99.

Undergraduate Research: *Rocky Mountain Biological Laboratory, Gothic, Colorado.*

Conducted an independent research project titled “The effect of enhanced audio solicitation in a montane population of tree swallows” (*Tachycineta bicolor*), in an REU program funded by the NSF. 6/97 - 8/97.

TEACHING EXPERIENCE

Teaching Assistant: *Ethics. University of Chicago, Chicago, Illinois.*

Guided small group meetings with faculty, helped students create a presentation on an ethical theme, and gave a lecture. 3/06-6/06, 2/07-6/07

Teaching Assistant: *Ecology and Evolution of the Southwest. University of Chicago, Chicago, Illinois.*

Gave 1 lecture for 100 students, taught on a 17-day field trip course for 15 students to the Southwestern U.S.A. 3/06-6/06

Teaching Assistant: *Biological Anthropology. University of Chicago, Chicago, Illinois.*

Gave 2 lectures, led discussions, and graded tests for 60 undergraduates. 3/05-6/05.

Consultant: *Windy City Earth Force, Field Museum of Natural History, Chicago, Illinois.*

Represented group at conferences and assisted in annual Youth Summit preparations. 5/00-6/02.

Teacher: *Minority Youth Environmental Training Institute, National Hispanic Environmental Council, Glorieta, New Mexico.*

Taught 30 eleventh and twelfth grade students ecology in classroom and fieldtrip settings, encouraged higher education, and inspired minority youth to enter environmental careers. 8/01.

SPECIAL SKILLS AND EXPERIENCES

Bilingual-biliterate: Spanish-English.

Smithsonian Institution: *National Zoo's Center for Conservation and Research, Front Royal, Virginia.*

Monitoring and Assessment of Biodiversity course. 4/03-5/03.

Organization for Tropical Studies: *Biological Research Stations, Costa Rica.* Tropical Ecology OTS-03. 6/03-8/03.

Study Abroad: *National Parks and National Reserves of Kenya.* Wildlife ecology and management. 6/99

Study Abroad: *Universidad de Extremadura, Facultad de Filosofía y Letras, Cáceres, Extremadura, España.* Spanish Language and Culture. 1/98-4/98.

HONORS, AWARDS, AND EXTERNAL FUNDING

Minority Postdoctoral Research Travel Grant 2008 – \$1,964 (National Science Foundation)

ARCS Scholarship 2007 – \$10,000 (ARCS Foundation Chicago)

Doctoral Dissertation Improvement Grant 2007 – \$11,581 (National Science Foundation)

Grants-In-Aid-Of-Research 2006 – \$700 (Sigma Xi)

Hinds Fund Research Grant 2006 – \$1,200 (University of Chicago, Committee on Evolutionary Biology)

Dissertation Enhancement Grant 2005 – \$17,057 (National Science Foundation)

Graduate Research Fellowship 2004 – 3-year \$40,500 Tuition & Stipend (National Science Foundation)

Hinds Fund Research Grant 2004 – \$1,200 (University of Chicago, Committee on Evolutionary Biology)

RotaryOne Scholarship 2004 – \$1,000 (RotaryOne Chicago)

Southeast Chicago Rotary Club Special Award 2004 – \$100 (Southeast Chicago Rotary Club)

Ford Predoctoral Fellowship for Minorities Honorable Mention 2004 – (Ford Foundation)

Hinds Fund Research Grant 2003 – \$1,500 (University of Chicago, Committee on Evolutionary Biology)

U.S. Congressional Latino Funds Scholarship 2003 – \$2,500 (Smithsonian Institution)

C.F.L.A.S. Travel Grant 2003 – \$800 (University of Chicago, Center for Latin American Studies)

Illinois Minority Graduate Incentive Fellowship 2003 – 3-year \$15,000 Stipend (Illinois Minority Graduate Incentive Program)

Research Experience for Undergraduates 1999 – Institute of Ecosystem Studies (NSF)

Research Experience for Undergraduates 1997 – Rocky Mountain Biological Lab. (NSF)

Distinguished Freshman Scholarship 1996 – 4-year full tuition (Michigan State University)

Spartan Scholarship 1996 – Yearly \$3000 Stipend (Michigan State University)

SYNERGISTIC ACTIVITIES

Management Consultant: *Parque Nacional Archipiélago Juan Fernández, Corporación Nacional Forestal, Isla Robinson Crusoe, Chile.* Consult on management strategies for national forest. 12/05-present.

Graduate Minority Committee: *University of Chicago, Division of Biological Sciences. Chicago, Illinois.*

Develop strategies to recruit and retain underrepresented minority students. 4/04–6/08.

Volunteer Educator: *Guardianes del Medio Ambiente. Robinson Crusoe Island, Chile.*

Teach ecology for children's after-school environmental education group. 11/04-12/07.

Volunteer Teacher: *BioOutreach. Chicago, Illinois.*

Partner with public school to teach hands-on biology labs to classes of 30 students in grades one and ten and to introduce students to real scientists. 11/02-12/04.

Volunteer Soccer Coach: *American Youth Soccer Organization Regions 418 and 751, Chicago, Illinois.*

Coach 8 -13 year old girls. 5/98 - 6/99 and 4/04-6/08.

PUBLICATIONS

Peer Review

Nelis, Lisa C. *In review*. Effects of exotic herbivores and disturbance on invasion success: does shared evolutionary history matter? *Ecology*.

Nelis, Lisa C., and J. Timothy Wootton. *In prep*. Treatment-based Markov Chain Models clarify mechanisms of invasion in an invaded grassland community.

Schmidt, Kenneth A., Lisa C. Nelis, Nathan Briggs, and Richard S. Ostfeld. 2005. Climatic variability and predator abundance mediate the interaction between an invasive shrub and nesting success in a woodland songbird. *Ecological Applications*, 15 (1): 258-265.

Not Peer Review

Nelis, Lisa C. 2007. Libreta de identificación de plantas de la Isla Robinson Crusoe. An identification guide for both native and exotic grassland plants created to train assistants and reproduced for Parque Nacional Archipiélago Juan Fernández. <www.home.uchicago.edu/~lnelis>

Nelis, Lisa C. 2006. Rapid Response Plant Guide #222: CHILE - La Isla Robinson Crusoe – Plantas Comunes. Eds. J. Kluse and R. Foster. The Field Museum Of Natural History, 1400 S. Lake Shore Drive, Chicago, IL. <www.fnmh.org/plantguides>

Nelis, L. C., K. A. Schmidt, and R.S. Ostfeld. 2002. Barberry as an exotic nest site: is it taking a bite out of predation? Pg 54-57 *in* Berkowitz, A. R., S. E. G. Findlay, F. Keesing, and R. S. Ostfeld (eds). 2002. Undergraduate Research Reports--1998 and 1999. Occasional Publication of the Institute of Ecosystem Studies, Number 16, Millbrook, New York.

Nelis, L.C. 1998. Science Parks. *Technology in the UK Supplement: R&D Magazine*. Volume 40 Number 10, the Resources section.

Nelis, L.C. 1998. University Research. *Technology in the UK Supplement: R&D Magazine*. Volume. 40 Number 10, the Resources section.

Nelis, Lisa. 1998. How to Reach the UK. *Technology in the UK Supplement: R&D Magazine*. Volume 40 No. 10, the Resources section.

Nelis, Lisa. 1998 Development Agencies. *Technology in the UK Supplement: R&D Magazine*. Volume 40 No. 10, the Resources section.

PRESENTATIONS

Scientific Conferences

Nelis, Lisa C. and J. Timothy Wootton. Using Markov models to examine mechanisms of interaction among multiple invasions on Robinson Crusoe Island, Chile. Ecological Society of America. San Jose, California. August 2007.

Schmidt, Kenneth A., Lisa C. Nelis, Nathan M. Briggs, and Richard S. Ostfeld. Climatic variability and predator abundance mediate the interaction between an invasive shrub and nesting success in a woodland songbird. Ecological Society of America. Portland, Oregon. August 2004.