**Anna Sjodin**

University of Connecticut

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**EDUCATION**

**University of Connecticut**, Storrs, CT

Ph.D. Student, Ecology and Evolutionary Biology (Advisor: Dr. Michael Willig)

In Progress

**Loyola University Chicago,** Chicago, IL

B.S., Biology with Ecology emphasis

Minors in Spanish Language and Literature and Psychology

Magna Cum Laude, 2011, GPA: 3.886

**RESEARCH EXPERIENCE**

**Field Assistant**, 2013

Luquillo Experimental Forest, El Yunque National Forest, Puerto Rico

- Surveyed gastropod communities

- Conducted gastropod habitat analyses

**Research Assistant**, 2012-2013

Dr. Ron Moen’s Lab, Natural Resources Research Institute, University of Minnesota Duluth, Duluth, MN

- Analyzed moose movement and activity data

- Collected samples from deceased moose for use in necropsy analyses

- Initiated a paper intended for publication in regards to moose movement and activity prior to

death

- Assisted with miscellaneous lab tasks such as building computers, organizing fecal samples,

preparing skulls for preservation, collecting moose browse samples, tracking GPS collared

martens, and assisting with marten rest site data collection

**Field Assistant**,2011

Santa Cruz de la Sierra, Bolivia

- Conducted daily instantaneous and continual scan sampling behavioral follows of a family of

wild *Callicebus donacophilus*

- Carried out bi-weekly phenology assessments of *C. donacophilus* habitat

- Collected feeding tree and fecal samples from *C. donacophilus* habitat

- Analyzed *C. donacophilus* fecal samples, identifying species of plant seeds eaten and order of

insects eaten

**Lester E Fisher Center for the Study and Conservation of Apes Intern**, 2011

Lincoln Park Zoo, Chicago, IL

- Assisted with entry and cleaning of wild chimpanzee observational health data into database

- Conducted an outbreak investigation of a prior respiratory disease outbreak in wild

chimpanzees, including data mining, analyses and writing of results

- Conducted a multiple-year examination of wild chimpanzee observational signs of ill health

- Examined scientifically published ethograms for entry into the EthoSearch database

www.ethosearch.org

**Research Assistant,** 2009-2011

Dr. Nancy Tuchman’s Lab**,** Loyola University Chicago, Chicago, IL

- Assisted in a study examining the effects of invasive cattail species on native species

- Assisted in the development and implementation of a Clean Air Clean Water study

examining the effects of pharmaceuticals on stream ecosystems

- Assisted in the development and implementation of a stream study examining the effects

of Bisphenol-A on the reproduction and sexual dimorphism of *Hyalella azteca*

**National Science Foundation Research Experience for Undergraduates Intern**,2010 University of Michigan Biological Station, Pellston, MI

- Developed methods for measurement of water depth and soil oxidation-reduction potential and

collection of wetland soil gas emissions using assembled gas chambers

- Constructed anaerobic biogas digesters and developed methods for methane collection and

temperature control

- Analyzed gas samples for methane concentration using gas chromatography

- Examined the effects of a hybrid cattail *Typha x glauca* on methane emissions in wetlands and

assessed the ability to use *T. x glauca* biomass as a successful biogas producer through

anaerobic digestion

- Attended weekly workshops on subjects including global climate change, environmental

chemistry, written and oral communication, bioethics, terrestrial communities, and aquatic

communities

- Presented research at the University of Michigan Biological Station’s Undergraduate Research

Symposium summer 2010 research symposium

- Wrote a scientific paper documenting my summer research project

**National Science Foundation Research Experience for Undergraduates Intern**,2009

Field Museum of Natural History, Chicago, IL

- Examined the eyes of various bat fly species and compared eye complexity to the roosting

habitats of host bats in order to study the co-evolution of bat flies and their host species

- Utilized digital photography and digital imaging programs in order to study the geometric

morphometrics of bat skulls

- Used traditional morphometrics to compare the size and shape of bat skulls

- Analyzed speciation characteristics of bats within the genus *Sturnira*

- Attended phylogenetic workshop series

- Presented research at the Field Museum’s summer research symposium

**TEACHING EXPERIENCE**

**Graduate Teaching Assistant**, 2013

Introductory Biology for non-majors, University of Connecticut, Storrs CT

**RESEARCH FELLOWSHIPS AND GRANTS**

**Graduate Research Fellowship Program Award**, 2013

-National Science Foundation, $32,000/year

**Mulcahy Fellowship**, 2010

-Loyola University Chicago, $2,000

**Fellowship Incentive Grant**, 2010

-Loyola University Chicago, $1,000

**Center for Urban and Environmental Policy Research Fellowship**, 2010

-Loyola University Chicago, $2,000

**HONORS/AWARDS**

**Outstanding Scholar Program Award**, 2013

- University of Connecticut Graduate School, Storrs CT

**Rotary International Paul Harris Fellow**, 2012

-Harbortown Rotary, Duluth MN

**Dean’s List**, 2007-2011

-Loyola University Chicago, Chicago IL

**Damen Scholarship**, 2007-2011

-Loyola University Chicago, Chicago IL

**Laura Mayer Women in Science Enabled Research Internship**, 2009 – Declined

-Loyola University Chicago, Chicago IL

**PRESENTATIONS**

**Sjodin, Anna**. 2011. “The effects of emerging contaminants on stream ecosystems” Loyola University

Chicago Undergraduate Research Symposium. Loyola University Chicago. Chicago, IL.

**Sjodin, Anna**. 2011. “The effects of hybrid cattails on methane emissions in wetlands and implications

for restoration” Loyola University Chicago Undergraduate Research Symposium. Loyola

University Chicago. Chicago, IL.

**Sjodin, Anna**. 2011. “The effects of emerging contaminants on stream ecosystems” Loyola University

Chicago Biology Research Symposium. Loyola University Chicago. Chicago, IL.

**Sjodin, Anna,** Shane Lishawa, and Nancy C. Tuchman. 2010. “The effects of a hybrid cattail on methane

emissions in wetlands” St. Albert’s Day Research Symposium. Loyola University Chicago

Medical Center. Maywood, IL.

**Sjodin, Anna.** 2010. “The effects of a hybrid cattail on global climate change and implications for

restoration” University of Michigan Biological Station Undergraduate Research Symposium,

Pellston, MI.

Dick, Carl W., **Anna Sjodin,** Katharina Dittmar, and Bruce Patterson. 2010. “The influence of bat roosts

on visual reductions in bat fly ectoparasites” American Society of Mammologists.

**Sjodin, Anna.** 2009. “A morphometric analysis of *Sturnira* speciation techniques and the influence of bat

roosts on visual reductions in bat fly ectoparasites” Field Museum of Natural History

Undergraduate Research Symposium. Chicago, IL.

**LANGUAGES**

Proficient in Spanish