

# ANNA ROSE SJODIN

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The University of Connecticut  
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## EDUCATION

**University of Connecticut**, Storrs CT  
Ph.D. Candidate, Ecology and Evolutionary Biology  
Advisor: Dr. Michael R. Willig  
Committee: Dr. Janine Caira, Dr. Mark Urban, and Dr. Simon Anthony (Columbia University's Center for Infection and Immunity)

**2013-Present**

**Loyola University Chicago**, Chicago IL  
B.S., Biology with Ecology Emphasis  
Minors in Spanish and Psychology

**2011**  
Magna Cum Laude

## RESEARCH INTERESTS

Disease ecology, wildlife epidemiology, community ecology, mammalogy, behavioral ecology, parasitology, conservation biology, host-pathogen biodiversity, virology

## RESEARCH EXPERIENCE

**EcoHealth Alliance EcoHealthNet Research Exchange Program**  
Viral discovery in wildlife  
Advisor: Dr. Simon Anthony  
Columbia University's Center for Infection and Immunity and EcoHealth Alliance  
New York, NY, USA

**2015**

**Field Leader**  
Invertebrate and habitat surveys  
El Yunque National Forest  
Rio Grande, Puerto Rico

**2014**

**Field Assistant**  
Invertebrate and habitat surveys  
El Yunque National Forest  
Rio Grande, Puerto Rico

**2013**

**Research Assistant**  
Moose movement and health  
Advisor: Dr. Ron Moen  
University of Minnesota Duluth  
Duluth, MN, USA

**2012-2013**

**Field Assistant**  
Titi monkey (*Callicebus donacophilus*) behavioral surveys  
Santa Cruz de la Sierra, Bolivia

**2011**

**Research Assistant**  
Chimpanzee disease outbreaks and SIV infection  
Advisor: Dr. Elizabeth Lonsdorf  
Lincoln Park Zoo  
Chicago, IL, USA

**2011**

	<b>Research Assistant</b> Stream contamination and wetland conservation Advisor: Dr. Nancy Tuchman Loyola University Chicago Chicago, IL, USA	<b>2009-2011</b>
	<b>National Science Foundation Research Experience for Undergraduates</b> Wetland gas emissions and sustainable energy production Advisor: Dr. Nancy Tuchman University of Michigan Biological Station Pellston, MI, USA	<b>2010</b>
	<b>National Science Foundation Research Experience for Undergraduates</b> Geometric morphometrics and bat-parasite co-evolution Advisors: Dr. Bruce Patterson and Dr. Carl Dick The Field Museum of Natural History Chicago, IL, USA	<b>2009</b>
<b>FELLOWSHIPS AND AWARDS</b>	<b>Graduate Research Fellowship Program</b> National Science Foundation	<b>2013-Present</b>
	<b>Outstanding Scholar Program</b> The University of Connecticut	<b>2013-Present</b>
	<b>Paul Harris Fellowship</b> Rotary International	<b>2012</b>
	<b>Damen Scholarship</b> Loyola University Chicago	<b>2007-2011</b>
	<b>Mulcahy Fellowship</b> Loyola University Chicago	<b>2010</b>
	<b>Center for Urban and Environmental Research and Policy Fellowship</b> Loyola University Chicago	<b>2010</b>
	<b>Fellowship Incentive Grant</b> Loyola University Chicago	<b>2010</b>
	<b>Laura Mayer Women in Science Enabled Research</b> Loyola University Chicago	<b>2009-Declined</b>
<b>RESEARCH GRANTS</b>	<b>Small Research Grant</b> Royal Society of Tropical Medicine and Hygiene	<b>2017</b>
	<b>Grants-in-Aid of Research</b> Sigma Xi	<b>2015, 2017</b>
	<b>Zoology Award</b> The University of Connecticut Department of Ecology and Evolutionary Biology	<b>2015, 2016, 2017</b>
	<b>Tinker Foundation Field Research Grant</b> Tinker Foundation, El Instituto: Institute of Latino/a, Caribbean, and Latin American Studies at the University of Connecticut	<b>2016</b>
	<b>Exploration Fund Grant</b> The Explorer's Club	<b>2015</b>

	<b>Graduate Research Award</b>	<b>2015</b>
	The University of Connecticut Center for Conservation and Biodiversity	
	<b>Grant-in-Aid of Research</b>	<b>2015</b>
	American Society of Mammalogists	
<b>PROFESSIONAL DEVELOPMENT</b>	<b>Mentor Training Program</b>	<b>2017</b>
	<i>What Matters in Mentoring</i> Research Project University of Wisconsin-Madison	
	<b>EcoHealth Alliance EcoHealthNet Workshop</b>	<b>2015</b>
	International One Health: Conservation Medicine Policy and Practice Tufts University North Grafton, MA, USA	
<b>TEACHING EXPERIENCE</b>	<b>General Ecology</b> (EEB 2244) – Teaching Assistant	<b>Fall 2018</b>
	University of Connecticut Storrs, CT, USA	<b>Fall 2017</b>
	<b>Undergraduate Seminar: Current Research in Ecology &amp; Evolutionary Biology</b> (EEB 3894) – Instructor	<b>Fall 2017</b>
	University of Connecticut Storrs, CT, USA	<b>Spring 2017</b>
	<b>Dental Assessment Test Preparation Course, Ecology and Evolution Sections</b> – Instructor	<b>Spring 2017</b>
	University of Connecticut Storrs, CT, USA	
	<b>Principles of Biology</b> (BIOL 1108) – Teaching Assistant	<b>Spring 2014</b>
	University of Connecticut Storrs, CT, USA	
	<b>Foundations of Biology</b> (BIOL 1102) – Teaching Assistant	<b>Fall 2013</b>
	University of Connecticut Storrs, CT, USA	
<b>MENTORING EXPERIENCE</b>	<b>National Science Foundation Research Experience for Undergraduates</b>	<b>2017</b>
	Mentee: Emily Stanford (Oberlin College class of 2018) El Verde Field Station (University of Puerto Rico, Rio Piedras) Rio Grande, Puerto Rico	
<b>PROFESSIONAL AFFILIATIONS</b>	<b>Sigma Xi</b>	<b>2015-Present</b>
	<b>American Association for the Advancement of Science</b>	<b>2016-Present</b>
<b>PRESENTATIONS</b>	Hassan, A., S.J. Presley, <b>A.R. Sjodin</b> , L. Beka, M.R. Willig, and J. Graf. 2018. "Evaluating the role of diet, taxonomy, and sex on the oral and rectal microbiome of Puerto Rican bats". 7 <sup>th</sup> Annual Connecticut Symbiosis Symposium. New Haven, CT, USA.	
	Hassan, A., S.J. Presley, <b>A.R. Sjodin</b> , L. Beka, M.R. Willig, and J. Graf. 2018. "Evaluating the role of diet, taxonomy, and sex on the oral and rectal microbiome of Puerto Rican bats". 7 <sup>th</sup> Conference on Beneficial Microbes. Madison, WI, USA.	
	Willig, M.R., J. Graf, L. Beka, A. Hassan, <b>A.R. Sjodin</b> , and S.J. Presley. 2018. "Variation in the composition and structure of microbiomes of tropical bats: a preview". University of Connecticut's 4 <sup>th</sup> Annual Microbiology Symposium. Storrs, CT, USA.	

Stanford, E., and **A.R. Sjodin**. 2017. "What bugs bat bugs? Factors influencing the parasite communities of Puerto Rican Bats". North American Society for Bat Research Annual Meeting. Knoxville, TN, USA.

**Sjodin, A.R.** 2015. "The bugs' bugs: understanding the role of blood-feeding insect diversity in disease transmission" Connecticut Entomological Society Student Research Meeting. Storrs, CT, USA.

**Sjodin, A.R.** 2015. "Bat biodiversity and disease dynamics: the dilution-amplification debate" University of Connecticut Department of Ecology and Evolutionary Biology Graduate Research Symposium. Storrs, CT, USA.

**Sjodin, A.R.** 2011. "The effects of emerging contaminants on stream ecosystems" Loyola University Chicago Undergraduate Research Symposium. Loyola University Chicago. Chicago, IL, USA.

**Sjodin, A.R.** 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, USA.

**Sjodin, A.R.** 2011. "The effects of emerging contaminants on stream ecosystems" Loyola University Chicago Biology Research Symposium. Loyola University Chicago. Chicago, IL, USA.

**Sjodin, A.R.,** 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, USA.

**Sjodin, A.R.** 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, USA.

Dick, C.W., **A.R. Sjodin**, K. Dittmar, and B. Patterson. 2010. "The influence of bat roosts on visual reductions in bat fly ectoparasites" American Society of Mammalogists.

**Sjodin, A.R.** 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, USA.

## LANGUAGES

Proficient in Spanish

## OUTREACH

### Website:

[www.annarosesjodin.com](http://www.annarosesjodin.com)

### Twitter:

@AnnaRoseSjodin

### Instagram:

@LadyVirusHunter

### Involvement with local schools:

Franklin Elementary School "Science Day" Participant	2014
Windham High School "Ask-a-Scientist" Program Participant	2016
Windham High School "Ask-a-Scientist" Program Coordinator	2016 - 2017
Schechter's Middle School Science Fair Judge	2017
Science Olympiad Co-Supervisor	2017

### Field demonstrations – bat capturing and sample collection

Bolivia (in Spanish)	2015
Puerto Rico (in English)	2016, 2017