

Yannik Elo Roell

University of Idaho
Department of Biology
Moscow, ID 83843

(573) 855-2278
yannik.roell@gmail.com
yroell.github.io

Education:

Bachelor of Science in Biology, minor in Environmental Studies, 2014; Truman State University, Kirksville, MO.

Bachelor of Science in Chemistry (ACS Certified) 2014; Truman State University, Kirksville, MO.

Research Experience:

2015-Present Graduate Research – Collection and analysis of metabolic rate data for endemic land snails of the Galapagos.

2015 Marine Conservation Internship – Conservation and education outreach on the local coral reefs on Caqalai, Fiji Islands. Global Vision International.

2013-2014 Research Technician – *Terrapene ornata* home range, habitat use, and movement rates in northeast Missouri. Truman State University.

2013-2014 Research Technician – Environmental screening and molecular analysis of cellulose degrading fungi. Truman State University.

2013 Research Technician – Development of general microbiology lab using *Trichoderma reesei* and *Fusarium oxysporum*. Truman State University.

2013 Desert Southwest Ecology Course – Reptile body size and habitat variation along a latitudinal gradient. Truman State University.

2012-2014 Research Technician – Development of organic chemistry lab that synthesizes and analyzes phenytoin. Truman State University.

Teaching Experience:

University of Idaho

Herpetology (2015): undergraduate lab on all aspects of herpetology

Motoriki District School, Fiji

Environmental Topics (2015): 4th and 8th grade classes on conservation and sustainability

Awards and Funding:

Biology Departmental Fellowship, University of Idaho. 2015.

Graduate and Professional Student Association Travel Award, University of Idaho \$590. 2015
Magna cum laude, Truman State University. 2014.

Chemistry Department Honors, Truman State University. 2014.

Vice President for Academic Affairs List, Truman State University. 2010-2014.

Grants in Aid of Scholarship and Research, Truman State University \$750. 2013.

Valedictorian, Waynesville High School, Waynesville, MO. 2010.

Federal Pell Grant, Truman State University \$2400. 2010.

A+ Recognition Scholarship, Truman State University \$1500. 2010.

Presentations:

Roell, Y. E. and Long, D. S. 2014. Environmental screening and molecular analysis of cellulose producing fungi. 27th annual Student Research Conference at Truman State University.

Roell, Y. E. 2014. Synthesis of phenytoin as a new organic lab. 27th annual Student Research Conference at Truman State University.

Gibson, A. K., Hanna, A. R., and Roell, Y. E. 2014. Diversity, abundance, body size, and habitat preference variation in snakes and lizards along a latitudinal cline. 27th annual Student Research Conference at Truman State University.

Kartje, M. E., Hanna, A. R., and Roell, Y. E. 2014. Home range, movement rate, and habitat use of *Terrapene ornata* at the northern edge of its range. 27th annual Student Research Conference at Truman State University.

Service:

2015-Present Member of Society for Integrative and Comparative Biology.

2015-Present Advisor for Men's Club Soccer Team at University of Idaho.

2015 Colgate contact for Motoriki District School in Fiji.

2015 Environmental Intern in charge of Caqalai and Motoriki, Fiji composting system.

2013-2014 Volunteer for Truman State University Herpetology Lab.

2013-2014 Organizer of Rot Riders, a community bike powered compost pickup.

2013 Intern of Truman State University's Compost Project.

2012-2014 President of TruOutdoor Club at Truman State University.

2011-2014 Gear manager of Rock Climbing Club at A.T. Still University.

2010-2014 Member of Environmental Campus Organization at Truman State University.

Professional References:

Dr. Christine Parent (Advisor)

Department of Biology

University of Idaho

Moscow, ID 83843

(208) 885-4016

ceparent@uidaho.edu

Dr. Chad Montgomery

Department of Biology

Truman State University

Kirksville, MO 63501

(660) 785-4587

chadmont@truman.edu

Dr. Stephen Hudman

Department of Biology

Truman State University

Kirksville, MO 63501

(660) 785-4638

shudman@truman.edu

Dr. Anne Moody

Department of Chemistry

Truman State University

Kirksville, MO 63501

(660) 785-4591

amoody@truman.edu