

Bullwinkle J. Moose
Department of Biology
Indiana State University
Terre Haute, Indiana 47809
Email: Bmoose@indstate.edu; Phone: (812) 237-9999; Fax: (812) 237-3378

EDUCATION AND CERTIFICATIONS

Aug 2007-present Ph.D. Student. Department of Biology, Indiana State University,
Advisor: Dr. B. C. Quest.
2007 *Certified Ecologist*, Ecological Society of America
2007 M.S. in Biology, Orange County Ocean Institute,
Advisor: Dr. S. Hillenburg
2004. B.S. in Biology, Wossamotta University

PROFESSIONAL POSITIONS

Teaching

Graduate Teaching Assistant, Department of Biology, Indiana State University, August
(2005-present)
Graduate Teaching Assistant, Marine Biology, Orange County Ocean Institute, (2004-2007)

Research

Research Assistant, Benton Quest Laboratory, Sequencing the lizard genome,
(Sept. 2007-2008)

HONORS AND AWARDS

2009 First Place, Founder's Award Best Poster Competition, *Animal Behavior Society*, Annual Meeting; I.M. Agenie, and U.R. Stoked, authors
2007 Honorable Mention, Best Student Poster Competition, *Microbiology Society*, Annual Meeting; L. Pasteur & G.M. Steine, authors.
2007 Outstanding Graduate Teaching Assistant, College of Arts and Sciences, Indiana State University

RESEARCH GRANTS

Funded Intramural Proposals:

2009 Liberal Learning and Action Grant-Lilly. Helping people interact and appreciate oversized lizards. \$2350
2008 University Research Grant. Sequence variation in the white-tailed deer. \$3,986
2008 Graduate Research Grant. Diversity in lizards. \$1,800

Funded Extramural proposals

2008 Indiana Academy of Sciences. Population genetics of the oversized lizard. \$2,325

Unfunded Grant Proposals (submitted while at ISU):

- 2008 Indiana Academy of Sciences. Lizard diseases and immune responses. \$5,690
- 2007 Liberal Learning and Action Grant-Lilly: Helping people interact with and appreciate worms. \$3,001

PUBLICATIONS

Original Articles

- Moose, B.J.** and Quest B. C. 2009. Dragons of Ashida: breeding behavior of oversized lizards. *Journal of Allometric Growth* 200:165-172.
- Moose, B.J.** and Hillenburg, J. 2007. Symbiotic relationships between squid, starfish, crabs and sponges. *Journal of Marine Life* 300:1200-1213.

Theses

- Moose, B.J.** 2007. Symbiotic relationships of marine life in Bikini Island Atoll. M.S. Thesis, Department of Marine Biology, Orange County Ocean Institute, (Dr. Steve Hillenburg, advisor).

Published Abstracts

- Moose, B.J.** and Hillenburg, J. 2007. Symbiotic relationships between squid, starfish, and other marine life. *Annals of Interesting Marine Research* 127: 1222A.

CONFERENCE RESEARCH PRESENTATIONS

- 2009 Quest, B.E. and Moose, B.J. Phylogenetic relationships and genome sizes of oversized lizards. Gordon Conference: Evolutionary & Ecological Functional Genomics, Tilton School, Tilton, New Hampshire.
- 2006 **Moose, B.J. and Squirrel, R.J.** Russian microbes: the true cold war. Microbiology Society, 43rd annual Meeting, Snowbird, UT.

INVITED SYMPOSIA & DEPARTMENTAL PRESENTATIONS

OUTREACH ACTIVITIES

- 2009 Microbes: is there really a cold war? Presentation at the Terre Haute Russian Society's Annual Banquet. July 19.
- 2008 How to catch a moose. Presentation to Girl Scout Troop 444, Covered Bridge Council. (Rockville, IN) June 10.
- 2008 Bat Festival – helped co-run workshop, with D. Ingbat, on identification of bats in moose dung. (Indiana State University) Sept 20-21.
- 2007 Wildest Club In Town, Phoenix Zoo (Civic Leaders Fund-raising Organization), Phoenix, AZ (August 11).

TEACHING EXPERIENCE**Courses Taught (at Indiana State University):**

<i>Course (supervisor)</i>	<i>Number of Sections</i>	<i>Number of students</i>	<i>Semester & Year</i>
BIO 112 (Flintstone)	4	135	Fall 2008
Immunology (Quest)	2	24	Spring 2009

Assigned as Teaching Assistant (at Indiana State University):

<i>Course Prefix, Number, Name (Supervisor)</i>	<i>Fall</i>	<i>Spring</i>	<i>Summer</i>
BIOL 112: Human Aspects of Biology (Flintstone)	2003	2004	2004
BIOL 112L: Experiences in Biology (Quest)	2009	2008,	2009

Undergraduate Student Mentoring:

Ace Ventura (Sophomore, Biology major) Fall and Spring semesters, 2007-2008. Research pilot projects on DNA fingerprinting in moose toenails (Capstone Project with Dr. R. Gonser).

Alice Coopertina (Junior, Biology major) Spring semester, 2008. Effect of facial paint on skin cancer in aging rock stars.

SERVICE ACTIVITIES**Student Member, On Campus Organizations**

2009 Member, Caleb Mills Teaching Awards Committee
 2008 Member at Large, Graduate Council

Grant Reviewer

2009 Member, Catch-A Rising Scientist Award Fund (NSF, Bio Directorate)

Peer Reviewing for Scientific Journals**PROFESSIONAL SOCIETY MEMBERSHIPS**

Animal Behavior Society
Beta Beta Beta
 Evolution Society
 Indiana Academy of Sciences

COURSES TAKEN (at Indiana State University)

Grant Writing (Bio 660)
 Research Presentations (Bio 640)
 Statistics (PSY 6xx),
 Seminar in Genomics (Bio 680),
 Biological Illustrations (Bio xxx)