# VITA
# STEPHEN D. CONRAD

Born: Globe, Arizona 21 September, 1963
Assistant Professor of Biology
Biology Department
Indiana Wesleyan University
4201 South Washington Street
Marion, Indiana 46953

819 Robert Avenue
Marion, Indiana 46952

**EDUCATION**

***Ph.D. in Life Sciences (Ecology)*** 1999
***M.S. in Science Education*** 1993
INDIANA STATE UNIVERSITY, Terre Haute, Indiana
Ph.D. research topic: Small mammal communities as related to different reclamation procedures after strip mining.
***B.A. in Biology*** 1985
TAYLOR UNIVERSITY, Upland, Indiana

**RESEARCH EXPERIENCE (Personal Involvement)**

- Studies of Stream Fishes of Clay County, Indiana
  - learned survey techniques of stream fishes
- Status Survey of the Swamp Rabbit *(Sylvilagus aquaticus)* in Southwest Indiana
  - investigated the status of one of Indiana's species of special concern
- Small mammal communities as related to different reclamation procedures after strip-mining
  - learned about the distribution of small mammals within the scheme of ecological succession as related to strip-mining reclamation processes
- Swamp Rabbit (Sylvilagus aquaticus) Inventory of the CINERGY Property of Gibson County Indiana
  - investigated status of Swamp Rabbits on Cinergy property in Gibson County, Indiana

**RESEARCH EXPERIENCE (Sr. Thesis/ Directed Research)**

- Small Mammal Survey of College of the Ozarks Property, Pt. Lookout, MO
  - taught small mammal survey techniques to a student investigating small mammals
- Ectoparasites of Small Mammals of College of the Ozarks Property, Pt. Lookout, MO
  - taught techniques of surveying ectoparasites of small mammals to a student investigating small mammal ectoparasites
- Food habits analysis of Small Mammals of College of the Ozarks Property, Pt. Lookout, MO
  - taught techniques of food habits analysis to a student investigating food habits of small mammals collected on the College of the Ozarks property
- Food habits analysis of the Dusky-striped Shiner *(Luxilus pilsbryi)* in Southwest Missouri Streams
  - taught techniques of food habits analysis to a student investigating food habits of stream fishes in southwest, MO
- Investigation of Fish Communities of Taney County, Missouri using the Index of Biological Diversity

- taught students survey techniques to test the efficacy of the index of biological diversity in Southwest Missouri Streams

- Investigative study of small mammal assemblages on a Glade environment before and after a controlled burn in Southwest Missouri
  - taught student techniques in small mammal surveying and working with controlled burns
- Investigation of foraging behaviors of woodpecker assemblages in a Southwest Missouri woodlot.
  - taught student techniques associated with behavioral projects involving foraging in avian species
- Survey of Fishes of Grant County, IN
  - taught students fish survey techniques and identification
- The Effects of Poor Health Choices on Visual Acuity of Students in a Small Midwestern College
- Behavioral Aspects of White-tail Deer *(Odocoileus virginianus)* in a North Central Indiana population
  - facilitated a behavioral study to determine responses of male deer to different stimuli
- Phenotypic and genotypic characteristics of the Black-capped chickadee (*Parus atricapilis*) and Carolina Chickadee (*Parus carolinensis*) at the range of interface in Indiana
  - coordinated field team efforts to collect Blood Samples

**GRANTS, AWARDS, AND PRESENTATIONS**

- ***Taylor University Graduate Symposium*** 2005
  -presented "Small mammal communities as related to different reclamation procedures after strip mining"
- ***ACSI Mid-America Region Convention Presentation*** "Motivating Students and Teachers **to *Enjoy Science"***
  - presented to Teachers at a regional education Convention 2004
- ***Science Faculty Symposium*** "Swamp Rabbit *(Sylvilagus aquaticus)* Inventory of the CINERGY Property of Gibson County Indiana"
  presented results of Environmental Consulting work in Southern Indiana to students and Science faculty 2004
- ***Outstanding First-Year Facilitator Award Indiana Wesleyan University***
  - World Changers breakout group award 2003
- ***New Faculty Orientation Indiana Wesleyan University***
  - presented on "Integration of Faith and Learning" 2003
- ***Faculty Research Forum*** 2001
  - presented dissertation research results to Natural Sciences faculty, staff, and students at the College of the Ozarks
- ***Indiana Academy of Science*** 1997
  - presentation of "Status Survey and Habitat Assessment of the Swamp Rabbit in Southwest Indiana"
- ***Educational Excellence Award Indiana State University CAS*** 1997
  - awarded to outstanding graduate students involved in teaching
- ***Sigma Xi Poster Presentation*** 1997

- Status Survey of the Swamp Rabbit in Indiana

- ***Indiana State University School of Graduate Studies Research Grant*** 1995
- ***Indiana Department of Natural Resources Grant*** 1994-1995

  - Investigations of nongame-species "Status Survey and Habitat Assessment of the Swamp Rabbit in Southwest Indiana"
- ***Indiana State University Equipment Grant*** 1994-1995
  - Investigations of nongame-species "Status Survey and Habitat Assessment of the Swamp Rabbit in Southwest Indiana"
- ***Who's Who Among Students in American Universities and Colleges*** 1994-1995

**CONFERENCES ATTENDED**

- Intelligent Design Conference 2004
  (Biola University, La Mirada California)
- ACSI Regional Convention 2003
  (Indianapolis, Indiana)
- Annual Meeting of the American Society of Mammalogists 2002
  (McNeese State University, Lake Charles, LA)
- Chautauqua Short Course 2001
  (Temple University, Philadelphia, PA)

**EMPLOYMENT**

Assistant Professor of Biology: Indiana Wesleyan University, Marion, IN 2001-present
Assistant Professor of Biology: College of the Ozarks, Pt. Lookout, MO 1998- 2001
Environmental Technician: Life Sciences Department, Indiana State University 1997
Teaching Assistant: Life Sciences Department, Indiana State University 1992-1998
Environmental Consultant- Cypress AMAX Coal Company, Brazil, IN 1996
Biology Instructor: Life Sciences Department, Indiana State University 1995-1997
Teacher: Life Sciences, Northside Christian School, St. Petersburg, FL 1985-1992

**LEADERSHIP EXPERIENCE**

Reviewed High School Textbook for Apologia Educational Ministries 2005
Co-director Science Camp, Lakeview Christian School, Marion 2002- present
Volunteer Coach, Upward Soccer, Sunnycrest Baptist Church, Marion, IN 2002- present
Volunteer Coach, Upward Basketball, Sunnycrest Baptist Church, Marion, IN 2001-2002
Facilitator Project Learning Tree, Indiana Department of Natural Resources 2001- present
- PLT is an environmental education program focused on trees

Facilitator Project Wet, Indiana Department of Natural Resources 2001-present
- Project WET is an environmental education program focused on water

Facilitator Project Wild, Indiana Department of Natural Resources 2001-present
- Project Wild is an environmental education program focused on animals

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| Facilitator Project Learning Tree, Missouri Department of Conservation | 1999-2001 |
| Facilitator Project Wet, Missouri Department of Conservation | 1999-2001 |
| Facilitator Project Wild, Missouri Department of Conservation | 1999-2001 |
| Co-director, Gifted and Talented Nature Studies Program Clay County, IN | 1996 |
| Member, College of Arts and Sciences Dean Search Committee | 1993-1994 |
| Indiana State University College of Arts and Sciences | |
| Student Advisory Council | 1993-1994 |
| Field Assistant, Indiana State University "Upward Bound" Program | 1992 |

## PROFESSIONAL ASSOCIATIONS

American Society of Mammalogists
The Wildlife Society
Indiana Academy of Science

## TEACHING EXPERIENCE

***Assistant Professor of Biology: Indiana Wesleyan University, Marion, IN*** 2001-present
*Classes taught:* Human Anatomy and Physiology I, Mammalian Anatomy, Animal Biology, Environmental Conservation, Integrated Earth and Life Science, Introductory Biology, Biology/Chemistry Senior Seminar, Research in Biology, Preparing the Christian Health Professional, Becoming a World Changer Discussion Group Leader, Environment and Society, Field Biology and Natural History, Ecology

***Assistant Professor of Biology: College of the Ozarks, Pt. Lookout, MO*** 1998- 2001
*Classes taught:* Human Anatomy, The Changing Universe, Field Vertebrate Zoology, Ecology, Research III (Sr. Capstone), Introduction to Biology, Introduction to Biology Lab for Elementary Education Majors

***Teaching Assistant: Life Sciences Department, Indiana State University*** 1992-1998
*Classes taught:* Human Anatomy and Physiology Labs I and II, Field Vertebrate Zoology Lab, Exploration of Biological Phenomena Lab, Herpetology Lab, Mammalogy Lab

***Biology Instructor: Life Sciences Department, Indiana State University*** 1995-1997
*Class taught:* Introductory Biology

**Teacher: Life Sciences, Northside Christian School, St. Petersburg, FL** 1985-1992
*Classes taught:* General Biology, Marine Biology, Science Lab, Human Anatomy and Physiology, Life Science, Physical Science