

VITA
STEPHEN DEAN CONRAD

Born: Globe, Arizona 21 September 1963

Associate Professor of Biology

School of Physical and Applied Sciences/Division of Natural Sciences/Biology Department

Indiana Wesleyan University

4201 S. Washington Street

Marion, Indiana 46953

819 W. 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
- Status Survey of the Swamp Rabbit (*Sylvilagus aquaticus*) in Southwest Indiana
- Small mammal communities as related to different reclamation procedures after strip mining
- Swamp Rabbit inventory of the CINERGY Property of Gibson County Indiana
- Phenotypic and genotypic characteristics of the Black-capped chickadee (*Parus atricapilis*) and Carolina Chickadee (*Parus carolinensis*) at the range of interface in Indiana
- Changes in Avian Communities at Star Woods
- A comparison of the nest inhabitants and utilization of nest boxes for squirrels on the IWU Campus

RESEARCH EXPERIENCE (Sr. Thesis/Directed Research)

- Small Mammal Survey of College of the Ozarks Property, Pt. Lookout, MO
- Ectoparasites of Small Mammals of College of the Ozarks Property, Pt Lookout, MO
- Food habits analysis of Small Mammals of the College of the Ozarks Property, Pt Lookout, MO
- Food habits analysis of the Dusky-striped Shiner (*Luxilus pilsbryi*) in Southwest Missouri streams
- Investigation of Fish Communities of Taney County, Missouri using the Index of Biological Diversity
- Investigative study of small mammal assemblages on a Glade environment before and after a controlled burn in Southwest Missouri
- Investigation of foraging behavior of woodpecker assemblages in a Southwest Missouri Woodlot
- Survey of Fishes of Grant County, Indiana
- The effects of poor health choices on visual acuity of students in a small Midwestern College

- Behavioral Aspects of White-tailed Deer (*Odocoileus virginianus*) in a North Central Indiana population
- Phenotypic and genotypic characteristics of the Black-capped chickadee (*Parus atricapilis*) and Carolina Chickadee (*Parus carolinensis*) at the range of interface in Indiana
- Changes in Avian Communities at Star Woods
- Intestinal parasites in canines, specifically Labrador Retrievers, and the effectiveness of Drontal™ de-worming pill
- A comparison of the nest inhabitants and utilization of nest boxes for squirrels on the IWU Campus
- A comparison of Small Mammal populations on two college campuses
- Trapping to determine parasite load in (*Sciurus carolinensis*)
- Investigation of foraging behavior of woodpecker assemblages in an East-Central Indiana Woodlot
- Behavioral Studies of Daphnia (*Daphnia Magna*)
- Investigations on Efficacy of Pesticides and Biological Control on common Greenhouse pests

GRANTS, AWARDS, AND PRESENTATIONS

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| • Sabbatical Award | Spring 2015 |
| • Bats of Indiana to Frances Slocum Elementary Students | 2014 |
| • Faculty Vision Travel Grant IWU - Belize | 2012 |
| • IWU The Pedagogy of Faith in the Science Classroom | 2011 |
| • Religion Colloquium Invited Response to John Wesley Scholar | 2008 |
| • Mississenewa Audubon Society (Chickadee Characteristics) | 2007 |
| • "Bird Days" at Lost Bridge State Recreation Area (Chickadee Characteristics) | 2007 |
| • IWU Celebration of Scholarship (Chickadee Characteristics) | 2007 |
| • Senior Seminar Faculty Symposium | 2004-2009 |
| • Taylor University Graduate Symposium | 2005 |
| • ACSI Mid America Region Convention Presentation | 2004 |
| • Outstanding First-Year Facilitator Award IWU – World Changers | 2003 |
| • New Faculty Orientation IWU – "Integration of Faith and Learning" | 2003 |
| • Faculty Research Forum - College of the Ozarks | 2001 |
| • Indiana Academy of Science | 1997 |
| • Educational Excellence Award ISU | 1997 |
| • Sigma Xi Poster Presentation | 1997 |
| • ISU School of Graduate Studies Research Grant | 1994-1995 |
| • Indiana DNR Natural Resources Grant | 1994-1995 |
| • ISU Equipment Grant | 1994-1995 |
| • Who's Who Among Students in American Universities and Colleges | 1994-1995 |

CONFERENCES ATTENDED

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| • Charles Colson Centurions Residency Washington, D.C | 2015 |
| • Charles Colson Centurions Residency Asheville, NC | 2015 |
| • Charles Colson Centurions Residency Colorado Springs, CO | 2014 |
| • Au Sable Academic Council (Great Lakes Campus -Mancelona, MI) | 2013-2014 |
| • The Midwest Café (Community Based Ministry Workshop – CWC – Marion, IN) | 2012 |

- Council on Undergraduate Research Institute – Portland, OR 2011
- Au Sable Academic Council Meeting (Great Lakes Campus -Mancelona, MI) 2011
- Kid's Hope USA Mentor Training (CWC – Marion, IN) 2010
- The Pedagogy of Faith in the Science Classroom – IWU 2011
- Au Sable Academic Council Meeting (Great Lakes Campus -Mancelona, MI) 2009
- Indiana Academy of Science Annual Meeting – IU Kokomo 2009
- Advanced Placement Environmental Science Readings – Faculty Development Workshops
 - Clemson University, SC 2006
 - University of Nebraska, NE 2007 - 2009
 - Cincinnati, OH 2011- 2013
- NACADA Academic Advising Summer Institute – U of Texas @ Austin 2008
- Advanced Bird Banding Course – Institute for Bird Populations (Goshen College) 2007
- Life Calling Training Workshop - IWU 2004
- Intelligent Design Conference - Biola University, CA 2004
- ACSI Regional Convention (Indianapolis, IN) 2003
- Accreditation and Assessment Strategies for Institutional Effectiveness – Rose Hulman Institute of Technology, Terre Haute, IN 2003
- American Society of Mammalogists Meeting – McNeese State, LA 2002
- Chautauqua Short Course -Temple University, PA 2001

IWU FACULTY DEVELOPMENT SEMINARS

- Book Discussion/Lunch Reading (Dr. Melissa Cook) 2011- 2014
- Rank Promotion and Portfolio Development (Dr. Burt Webb) 2010
- Developing your Five-Year Professional Development Plan (Dr. Janell Curry) 2009
- Workshop for Improving the Advising Experience at IWU 2009
- A Dialogue with Peers on Publishing: An Open Discussion on Writing Habits, Failures and Successes (Keith Drury, Ron Mazellan, Vern Ludden, Brian Fry, Todd Ream, and Gwen Lavert) 2007
- Culturally Responsive Teaching (Latrese Moffitt) 2006
- Improving Your Teaching Using IDEA Evaluation Interpretations (Dr. Burt Webb) 2006
- Teaching Tips for Classes with Large Enrollments (Brad Garner) 2005
- The Role of Faculty in the Spiritual Formation of Students (Dr. Bud Bence) 2004
- Enjoying Learning by Enhancing Memory Work (Jerry Lucas) 2004
- Teaching Tips (Janice Adams, Keith Drury, Brad Ganer, Barb, Ihrke, Linda Sommers) 2003
- What IWU Faculty Need to Know about Islam (Dr. Wilbur Williams) 2002
- Service Learning and Government Work (Dr. Willem Van DeMerwe) 2002
- Activity Oriented Teaching Strategies (Dr. Keith Drury) 2002
- Sabbatical Lessons and Research (Dr. Robbie Henson and Dr Steve Lennox) 2001
- Doing Research with Students (Dr. Michael Boivin and Dr Burt Webb) 2001
- Sports Evangelism Ministries (Prof. Joe Thoma and Prof. Steve Brooks) 2001

EMPLOYMENT

- Associate Professor of Biology: Indiana Wesleyan University, Marion, IN 2006-present
- Adjunct Professor of Biology: Liberty University, Lynchburg, VA 2006-present
- Assistant Professor of Biology: Indiana Wesleyan University, Marion, IN 2001-2006
- 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	1997
Biology Instructor: Life Sciences Department, Indiana State University	1995-1997
Teacher: Life Sciences, Northside Christian School, St. Petersburg, FL	1985-1992

LEADERSHIP EXPERIENCE

Charles Colson Fellow	2015-present
Kid's Hope Mentor	2009-present
Reviewed College Level Science Textbook for Apologia Educational Ministries	2012-2013
Biology Department Coordinator	2009 – present
Science Club Faculty Sponsor	2008 – 2014
Au Sable Academic Council Representative IWU	2008 – present
Science Forum Coordinator	2010 - 2014
ECHO Spring Break Work Team Leader	2010, 2011, 2013
Biology Department Co-coordinator	2005 - 2009
Faculty Sponsor World Impact Missions Trip to Zambia	2011
Co-leader of Church Mission Trip to New York City (Relief Bus)	2010
Taught Environment and Society Lab in Zambia (2 Week short course)	2009
ACSI Regional Science Fair Co-Director	2006-2008
Volunteer Jr. High Basketball Coach – Lakeview Christian School, Marion	2006 - 2010
Reviewed High School Biology Texts for Apologia Educational Ministries	2005 - 2006
Co-directed Science Camp - Lakeview Christian School, Marion, IN	2002 - 2003
Volunteer Coach, Upward Soccer, Sunnycrest Baptist Church, Marion, IN	2002 - 2006
Volunteer Coach, Upward Basketball, Sunnycrest Baptist Church Marion, IN	2001-2002
Facilitator of Projects Wet, Wild and Learning Tree – IN DNR	2001 – present
Facilitator of Projects Wet, Wild and Learning Tree – MO Dept. 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
ISU Student Advisory Council	1993-1994
Field Assistant ISU “Upward Bound” Program	1992

PROFESSIONAL ASSOCIATIONS

American Society of Mammalogists
The Wildlife Society

TEACHING EXPERIENCE

Associate Professor of Biology: Indiana Wesleyan University, Marion IN	2006 – present
Courses taught: Anatomy and Physiology 1& 2, Animal Biology, Integrated Life and Earth Science, Heredity and Disease, Plant Biology, Biology Senior Seminar, World Changer Discussion Group, Ecology, Environment and Society, Research in Biology, Professional Observation Student Teacher Observation	
Adjunct Instructor: Liberty University, Lynchburg VA	2006-present
Course taught: BIOL 101	

<i>Assistant Professor of Biology: Indiana Wesleyan University, Marion IN</i>	2001 – 2006
Courses taught: Mammalian Anatomy, Ecology, Environmental Conservation, Integrated Life and Earth Science, Anatomy and Physiology 1, Animal Biology, Biology/Chemistry Senior Seminar, World Changer Discussion Group, Preparing the Christian for the Health Professions, Introductory Biology, Environment and Society, Field Biology and Natural History Student Teacher Observation	
<i>Assistant Professor of Biology: College of the Ozarks, Pt. Lookout MO</i>	1998 - 2001
Courses 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	
<i>Teaching Assistant: Life Sciences Department, ISU, Terre Haute, IN</i>	1992 - 1997
Courses taught: Human Anatomy and Physiology Labs, I and II, Field Vertebrate Zoology Lab, Exploration of Biological Phenomena Lab, Herpetology Lab, Mammalogy Lab	
<i>Biology Instructor: Life Sciences, ISU</i>	1995 - 1997
Course taught: Introductory Biology	
<i>Teacher: Life Sciences, Northside Christian School, St. Petersburg, FL</i>	1985 -1992
Courses taught: General Biology, Marine Biology, Science Lab, Human Anatomy and Physiology, Life Science, Physical Science	

INDIANA WESLEYAN UNIVERSITY COMMUNITY SERVICE

Academic Committees at Indiana Wesleyan University

Assessment Council	2016-present
Faculty Development Committee	2015- present
Faculty Senate	2015-present
Faculty Vice – Chair	2012- 2014
CAS Faculty Relations Council (Chair: BJ Fratzke)	2010 – 2012
The Pedagogy of Faith and Science Advisory Committee	2009 - 2011
Task Force on Technology and Learning (Chair: Harriet Rojas)	2010
Theater Advisory Board	2010
Faculty Senate (Chair: David Bartley)	2009 - 2011
Secondary Education (Natural Sciences Representative-Chair: Kim DeMichael)	2007- present
Advising Committee (Chair: Dan Jones)	2007 - 2009
Student Success Committee (Chair: Brad Garner)	2007 - 2009
John Wesley Honor's College Committee (Chair: David Riggs)	2005 - 2007
General Education (Chair: Bill Millard)	2004 - 2006
Assessment Committee (Chair: Cynthia Tweedell)	2002 – 2004

Faculty Search Committees

Dr. Dan Jones	2002
Dr. Matt Kreitzer	2003
Dr. Burton Webb (Division Chair)	2003
Dr. Mark Asnicar	2007
Mr. Chris Coy	2008
Dr. Russell Schwarte	2008
Dr. Grace Miller	2009
Dr. Matt Sattley	2010
Dr. Tara Renbarger	2012

Dr. Jolie Leonard	2013
Dr. Steve Leonard	2013

Faculty Representative

Au Sable Academic Council/Faculty Representative	2009- present
Natural Science Division Representative on Student Teaching Portfolio Defenses	2005- present

MARION COMMUNITY SERVICE

Cardinal Greenway/Sweetser Switch Clean-up/Nest Box Replacement	2004 - present
- BIO 106 Class Project	
Fall Science Night at Lakeview Christian School	2003 - present
- SCI 201 Class Project	
Spring Science Night at Frances Slocum with Kid's Hope	2010 - present
- SCI 201 Class Project	
Kid's Hope Mentor (Elementary School Mentor)	2010 - present
Summer's Cool Reading Clinic Volunteer	2009 - present
Spring Science Night at Lincoln Elementary	2009
- SCI 201 Class Project	
Mississinewa River Clean Up	2009
- BIO 301 Class Project	
Science Fair Judge	2006 - 2007
- Oak Hill (Swayzee) Elementary School	

ACADEMIC COMMUNITY SERVICE

AP Reader for College Board - Environmental Science Exams	2006 - 2007
AP Table Leader for College Board Environmental Science Exams	2008 - 2014
Board Member Chipperwood's Bird Observatory	2010- present

COLLEGE WESLEYAN CHURCH SERVICE

Men's Movie Discussion Group	Summer 2015
4th Grade Sunday School Teacher	2012- present
Splash Kid's Story Telling Volunteer	2012
Small Group co-Leader	2011- present
Outreach Committee Member	2008 - present
Landscape Committee Volunteer	2006 - present
CrossWalk Venue Teacher	2011
Venue Leader/ Great Room	2009-2010
KFC Church Camp Counselor	2003
KFC Church Camp Hiking Leader	2004-2008
JC Bodyshop /Jr. High Sunday School Teacher	2003 - 2007