

**VITA**  
**STEPHEN DEAN CONRAD**

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Born: Globe, Arizona 21 September 1963

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

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**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

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**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
- Bluebird Nest Monitoring on Walkways and Parks in a Midwest City
- Design, construction, and application of an inexpensive, high-resolution water sampler
- Use of Journals to facilitate meaningful classroom discussion
- A Product Based Lab for Teaching Elementary Education Pre-Teachers
- The Efficacy of Using "Song Sleuth" for avian surveys.
- Comparison of "Song Sleuth", "Chirp-o-matic" and "Merlin Bird ID" for Identifying Bird songs.

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

- Small Mammal Survey of College of the Ozarks Property, Pt. Lookout, MO
- Ecto-parasites 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
- Comparison of Campus and Off-campus Bird Feeding Stations project Feederwatch
- Using Motion Sensing Cameras to enhance Project Feeder Watch Data
- Bluebird Nest Monitoring on Walkways and Parks in a Midwest City
- The Efficacy of Using “Song Sleuth” for avian surveys
- Comparison of “Song Sleuth”, “Chirp-o-matic” and “Merlin Bird ID” for Identifying Bird songs.
- Project Feeder-watch data collection 2025-2026
- Mississinewa River Fish Survey for Ecological Monitoring 2025-2026

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## GRANTS, AWARDS, AND PRESENTATIONS

- Class Presentation SCI 110 “All about (Biology), a STEM Major”
- " Journaling as a form of reflective learning and guiding discussion " Indiana CCCU Faith-Integration Faculty Group 2018
- AuSable Academic Council Presentation "How well have I built the environmental program at my college?" 2016
- IWU Celebration of Scholarship (Bluebird Trail, Video Project Feederwatch) 2016
- 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
- Mississinewa 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

- Colson Alumni Meeting (virtual) 2026
- Eli Lilly Affinity Group Leader for Faculty Development Workshop 2021
- Indiana CCCU Faith-Integration Faculty Group – Taylor University 2019
- Indiana CCCU Faith-Integration Faculty Group - Indiana Wesleyan University 2018
- Indiana CCCU Faith-Integration Faculty Group - Huntington University 2017
- Global Leadership Summit Willow Creek via Satellite College Wesleyan Church 2016
- Festival on Faith and Work College Wesleyan Church, Marion, IN 2016
- 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) 2013-2016
- 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 2010- 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**

- Indiana Wesleyan University Book Reading Club 2025
- Indiana Wesleyan University Book Reading Club 2024
- Eli Lilly Affinity Group Leader for Faculty Development Workshop 2021
- Why Students Leave: Uncovering the Deeper Issues that Drive Students Away (Ian Slater) 2016
- Should I Be Concerned or Is My Student Just Weird? Tips on Responding to an Alarming Student (Nate Herring) 2016
- Engaging Student Anxiety, Depression and Distress—Tips for Faculty (Scott Erney) 2016
- Rank Promotion and Portfolio Development 2016
- 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 Garner, 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

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#### **EMPLOYMENT**

- Professor of Biology: Indiana Wesleyan University, Marion, IN 2020-present
- Adjunct Professor of Biology: Health Sciences Graduate program Indiana Wesleyan University, Marion, IN 2020- present
- Associate Professor of Biology: Indiana Wesleyan University, Marion, IN 2007-2020
- Adjunct Professor of Health Sciences: Liberty University, Lynchburg, VA 2006-2020
- 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

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## LEADERSHIP EXPERIENCE

Marion Community Schools Volunteer Basketball Coach (Riverview and Kendall)	2025
IWU Chain Gang Coordinator	2023-present
Eli Lilly Affinity Group Leader for Faculty Development Workshop	2021
Reviewed College-Level Science Textbook for Sinauer Publications	2020
Co- Co-Director of Indiana CCCU Faith-Integration Faculty Group - IWU	2018
Charles Colson Fellow	2015-present
Kid's Hope Mentor	2009- 2016
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

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## PROFESSIONAL ASSOCIATIONS

American Society of Mammalogists  
 Cornell University Ornithology Lab Membership

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## TEACHING EXPERIENCE

***Professor of Biology: Indiana Wesleyan University, Marion IN*** 2022-present  
 Courses taught: Anatomy and Physiology 1, Integrated Life and Earth Science,  
 Ecology, Animal Biology, Senior Seminar, Environment and Society,

Student Teacher Observation, Professional Observation	
<b>Associate Professor of Biology: Indiana Wesleyan University, Marion IN</b>	2006 – 2020
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	
<b>Adjunct Instructor: Liberty University, Lynchburg VA</b>	2006-present
Course taught: BIOL 101	
<b>Assistant Professor of Biology: Indiana Wesleyan University, Marion IN</b>	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	
<b>Assistant Professor of Biology: College of the Ozarks, Pt. Lookout MO</b>	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	
<b>Teaching Assistant: Life Sciences Department, ISU, Terre Haute, IN</b>	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	
<b>Biology Instructor: Life Sciences, ISU</b>	1995 - 1997
Course taught: Introductory Biology	
<b>Teacher: Life Sciences, Northside Christian School, St. Petersburg, FL</b>	1985 -1992
Courses taught: General Biology, Marine Biology, Science Lab, Human Anatomy and Physiology, Life Science, Physical Science	

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## INDIANA WESLEYAN UNIVERSITY COMMUNITY SERVICE

<b>Academic Committees at Indiana Wesleyan University</b>	
Faculty Rank and Promotion Committee	2024-present
University General Education Coordinating Council	2024- 2025
General Education Committee	2024-2025
Faculty Rank and Promotion Committee	2020- 2022
Triangle Award Committee	2018-2020
Academic Affairs Council	2018-2019
Student Life Council	2018-2020
Assessment Council (Chair: Karen Hoffman)	2016-2018
Ketcham Woods/Botany Glen Committee	2014-present
Faculty Development Committee (Chair: Nanetzin Reyes)	2015- 2017
Faculty Senate (Chair: Nate Foster)	2015-2017
IWU 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**

Sam Young	2023
Jacob Buck	2023
Dr. Jennifer Noseworthy	2018
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
Dr. Warren Rogers (Blanchard Chair of Physics)	2016
Dr. Lynette Sessink (Exercise Science)	2016
Dr. Jennifer Noseworthy	2018

### **Faculty Representative**

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

### **MARION COMMUNITY SERVICE**

Volunteer Prepare for NAIA National Track Meet	2022-2025
-May-term Class Project	
Cardinal Greenway/Sweetser Switch Clean-up/Nest Box Replacement	2004 - present
- BIO 106 Class Project	
Fall Science Night at Lakeview Christian School	2003 - 2017
- SCI 201 Class Project	
Spring Science Night at Frances Slocum with Kid's Hope	2010 - 2019
- SCI 201 Class Project	
Kid's Hope Next Mentor (Middle School Mentor)	2015-2016
Kid's Hope Mentor (Elementary School Mentor)	2010-2015
Summer's Cool Reading Clinic Volunteer	2009-2014
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- 2017

**COLLEGE WESLEYAN CHURCH SERVICE**

Talk-back Sunday School Class Coordinator	2024- present
Morning Basketball Association Sponsor	2020-present
Men's Movie Discussion Group	Summers 2015, 2016, 2017, 2018
Camp Tecumseh Bus Driver	2012-2020
4th Grade Sunday School Teacher	2012- 2016
Splash Kid's Story Telling Volunteer	2012
Small Group Co-Leader	2011- 2020
Outreach Committee Member	2008 – 2016
Landscape Committee Volunteer	2006 – 2020
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