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LIFE OBJECTIVE

And he said to him, "You shall love the Lord your God with all your heart and with all your soul and with all your mind. This is the great and first commandment. And a second is like it: You shall love your neighbor as yourself. On these two commandments depend all the Law and the Prophets." (Matthew 22:37-40 ESV.)

TEACHING OBJECTIVE

I want my students to understand God's relationship to His creation, understand God's relationship to His creation, to understand how the creation works, to see God in His Creation and to fall greater in love with Him, to love God's creation, and to be good stewards of God's creation.

EMPLOYMENT HISTORY

Visiting Assistant Professor of Biology

8/09 – 5/10

INDIANA UNIVERSITY-PURDUE UNIVERSITY FORT WAYNE (IPFW) FORT WAYNE, INDIANA
I taught BIOL100 Introduction to the Biological World, BIOL108 Biology of Plants Lab, BIOL502 Conservation Biology, HORT101 Fundamentals of Horticulture, and BIOL195 The Natural History Indiana. I co-taught BIOL219 Principles of Functional Biology (I taught the plant physiology.)

Taylor University closed its campus in Fort Wayne on 5/31/09.

Professor of Biology and Environmental Science

8/06 – 5/09

Associate Professor of Biology and Environmental Science

7/92 – 8/06

TAYLOR UNIVERSITY FORT WAYNE (TUFW) FORT WAYNE, INDIANA
Teaching was my primary responsibility. My courses were taught to meet Taylor University's General Education requirements and the requirements of the Elementary Education, Social Work, and Counseling programs. Courses taught include: BIO100 General Biology, ENS200 Environment and Society, GEO210 Physical Geography, PHY120 Experiences in Physical Science, PHY121 Survey of Physical Science for Elementary Teachers, BIO205 Human Biology, MAT210 General Statistics, and discussion sections for IAS110 Foundation of Christian Thought.

Associate Professor of Science

7/91 - 6/92

Assistant Professor of Science

6/88 - 6/91

SUMMIT CHRISTIAN COLLEGE/FORT WAYNE BIBLE COLLEGE FORT WAYNE, INDIANA
I was responsible for teaching General Biology; Health, Anatomy, and Physiology; Biological Psychology; Physical Geography; Physical Science Survey; Theories of Biological Origins and Diversity; Ecology and Resource Management; Statistics and Probability; and Integration Seminar.

Adjunct Instructor

7/89 - 6/92

LUTHERAN COLLEGE OF HEALTH PROFESSIONS

FORT WAYNE, INDIANA

I was responsible for teaching Microbiology, Anatomy and Physiology 1, Anatomy and Physiology 2.

Instructor

9/85 - 78/88

THE UNIVERSITY OF TENNESSEE

KNOXVILLE, TENNESSEE

I helped to administer and teach all aspects of the General Biology three quarter sequence of courses for approximately 1300 undergraduates. My duties included the supervision of Graduate Teaching Assistants.

Research Fellow at Oak Ridge National Lab	5/83 - 6/85
THE UNIVERSITY OF TENNESSEE /OAK RIDGE ASSOCIATED UNIVERSITIES	OAK RIDGE, TENNESSEE
Research Assistant at Oak Ridge National Lab	6/80 - 5/83
THE UNIVERSITY OF TENNESSEE	OAK RIDGE, TENNESSEE
Graduate Teaching Assistant	9/79 - 6/80
THE UNIVERSITY OF TENNESSEE	KNOXVILLE, TENNESSEE
Life Science Teacher	3/77 - 6/79
NORTHWEST MIDDLE SCHOOL	TANEYTOWN, MARYLAND

EDUCATION

Ph.D. ; THE UNIVERSITY OF TENNESSEE, KNOXVILLE, TENNESSEE	8/85
<i>Major:</i> Ecology; <i>Dissertation:</i> Crown Simulation of Plantation-Grown American Sycamore and Its Simulation; <i>Research Director:</i> H. H. Shugart; GPA 3.95/4.00	
M.S. ; THE UNIVERSITY OF TENNESSEE, KNOXVILLE, TENNESSEE	8/82
<i>Major:</i> Botany; <i>Non-thesis research paper:</i> The effects of Spacing on Several Primary Branch Characteristics of American Sycamore (<i>Platanus occidentalis.</i>); <i>Research Director:</i> E. E. C. Clebsch; GPA 3.94/4.00	
B.A. ; MCDANIEL COLLEGE, WESTMINSTER, MARYLAND	5/76
<i>Major:</i> Biology; <i>Graduation Honors:</i> Cum Laude with Departmental Honors; GPA 2.39/3.00; Certified 12/96 to teach Live Science Grades 5-12	

PROFESSIONAL DEVELOPMENT (Presentations and Grants)

- "Forty Year Changes in the Dune Forest Tree Community at Fox Island, Allen County, IN" Presented at the Indiana Academy of Science Annual Meeting, 10/24/08
- Attended the Christian Community Development Association (CCDA) meeting in Philadelphia, PA, 9/27-10/1/06
- "A Preliminary Report on the Savannah Restoration Site at Fox Island County Park, Allen County, IN: Analysis of the Forest Canopy" Presented at the Indiana Academy of Science Annual Meeting, 10/17/03
- "Vegetation Analysis of the North Dune Forest at Fox Island, Allen County, IN" Presented at the Indiana Academy of Science Annual Meeting, 11/9/01
- "Analysis of Plant Communities at Fox Island County Park, Allen County, IN" Presented at the Taylor University, Upland Science Seminar, 9/17/01
- "Vegetation Analysis of the Swamp Forest at Fox Island, Allen County, IN." Presented at the Indiana Academy of Science Annual Meeting, 11/3/00
- "Learning in the Science Classroom: Competition or Cooperation" Presented at the 3rd Annual Area Dean's Conference: "Creating a Learning Community," 2/25/00
- "Vegetation Analysis of the Lowland Deciduous Forest at Fox Island, Allen County, IN" Presented at the Indiana Academy of Science Annual Meeting, 11/5/99
- "Thirty Year Changes in the Dune Forest Community at Fox Island, Allen County, IN" Presented at the Indiana Academy of Science Annual Meeting, 10/30/98
- "Fox Island History" - Presented at the Fox Island Alliance Trailguide Training Workshop, 1998
- Awarded a Challenge Grant (on 4/25/97 for \$2,400) by Taylor University for a proposal titled "Web Biology (BIO100 - General Biology) for On-Campus Learners." - This site contains all my lecture notes and also contains links to external Web sites.
- Panel Member on WBCL "Christians and the Environment," 7/12/96
- Panel Member on WBCL "Christians and the Environment," 4/28/95
- "Predicting Height Growth of American Sycamore (*Platanus occidentalis*) from Soil Moisture Indices" Presented at the Indiana Academy of Science Meeting, 11/3/95
- Participant in a Panel Discussion on Origins at Huntington College, 3/5/93

MEMBERSHIPS – Past and Present

- Ecological Society of America
- National Association of Biology Teachers
- Sigma Xi
- Phi Kappa Phi
- Indiana Academy of Science
- National Audubon Society
- Fox Island Alliance, Inc.
- Little River Wetlands Project, Inc.

SERVICE TO STUDENTS AND TO THE UNIVERSITY

- Taught BIO105 through Taylor University Online 1990 – present
 - Member of the Taylor University Fort Wayne Online Committee, 9/07 – 5/31/09
 - Photographed the Taylor Theater Organization play “An Inspector Calls” on 11/7/08
 - Spoke in Chapel, “Do You See God in His Creation?” 1/18/08
 - Photographed the Taylor Theater Organization play “A Curious Savage” on 11/8/07
 - Member of the Faculty Personnel Committee, 06/07
 - Spoke in Chapel, “Do You See God in His Creation?” 2/25/04
 - Member of the Faculty Development and Candidate Interview Committee, 01/02, 02/03, 03/04
 - Member of the Technology Subcommittee of the Curriculum Management Committee, 00/01, 01/02
 - Professor in the Kids to College program, 7/26-30/99, 7/10-8/4/00, 7/7-8/2/01
 - Faculty Convocation Chapel Speaker – “Exam Time,” 9/3/99
 - Member of the Academic Policies Committee, 97/98, 98/99, 99/00
 - Member of the TUFW Community Life Committee, 97/98, 98/99
 - Member of the Curriculum Management Committee, 94/95, 95/96, 96/97
 - Secretary of the Curriculum Management Committee, 2/23/95 - 6/30/96
 - Chair of the Goal Oriented Subcommittee of the Curriculum Management Committee, 95/96, 96/97
 - Member of the TUFW Advisory Council, 93/94, 94/95, 95/96, 96/97
 - Member of the ad hoc Committee on Technology for the Fort Wayne Campus, 94/95, 95/96, 96/97
 - Member of the Academic Technology Long Range Planning Task Force, 94/95
 - Member of the Educational Support Committee for the Fort Wayne Campus, 95/95, 96/97
 - Brought the community Focus on Health program to the University, Co-Chair of the Program, 1990, 4/18/91, 4/23/92, 2/16/93, 3/8/94, 2/23/95, 2/22/96, 2/20/97, 2/17/98, 2/23/99, 2/22/00, 2/20/01, 2/26/02, 2/25/03
 - Informal mentor for faculty members helping them learn how to use their computers, e-mail, the Internet, and the Web, including teaching several Internet (6/28,29/94, 7/6,8/94, 8/23/94) and Netscape (7/17/97) training classes for TUFW employees
 - Member of the Criminal Justice Scholarship Evaluation Team, 1/95
 - Spoke at student vespers: "O Lord, You Know Me," 9/19/93
 - Faculty Chapel Speaker - "O Lord, You Know Me," 3/19/93
 - Advisor for undeclared major students, 1/92 – 5/2005
 - Faculty Chapel Speaker "Fearfully and Wonderfully Made," 1/25/90
 - Sponsor of Contemporary Issues Week Chapels on Environmental Stewardship, 4/1,3,5/91
 - Advisor: Off Campus Singles Organization, 91/92, 92/93, 93/94
 - Served on the Recording Committee, 91/92
 - Advisor: Student Government, 91/92
 - Advisor: Sophomore Class, 88/89
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SERVICE TO THE COMMUNITY

Indiana Academy of Science

- Immediate-Past-President, 2008
- President, 2007
- President-Elect, 2006
- Chair of the Speaker of the Year Committee, 1997-2005
- Member of the Speaker of the Year Committee, 1994–present
- Elected Fellow, 2003
- Ecological Section Chair, 1994, 2000
- Ecological Section Vice Chair, 1993, 1999

Science Fairs

- Judged the Northeast Indiana Regional Science Fair for Little River Wetlands Project, 3/15/08
- Gave a seminar, "How to Do a Science Fair Project" for the Fort Wayne Area Home Schools, 10/18/08, 10/18/07, 10/26/06 and participated in a seminar 10/92
- Judged (with my PHY121 class) science fairs at Lindley Elementary (2/12/98), Monroeville Elementary (2/20/98, 3/2/99), Harris Elementary (2/15/07, 2/16/06, 2/17/05, 2/19/04, 2/18/03, 2/21/02, 2/15/01, 2/17/00, 2/18/99), Weisser Park Elementary (3/6/07, 2/22/06, 2/24/05, 2/18/04, 2/20/03, 2/27/02, 3/8/01, 2/23/00) and the Fort Wayne Area Home Schools science fair, 2/22/05
- Judged the Northeastern Indiana Regional Science Fair for the Fox Island Alliance, 3/20/99
- Coordinated Fort Wayne Area Home Schools science fair, 2/24/04, 2/25/03, 2/26/02, 2/27/01, 2/29/00, 2/25/99
- Judged Fort Wayne Area Home Schools science fair, 2/26/98, 2/27/97, 2/29/96, 3/5/94, 2/27/93, 3/2/91
- Judged Immanuel Christian School's Science Fair, 2/8/94, 2/9/93, 2/92, 2/12/91, 2/27/90, 2/27/89

Local Science Organizations

- Little River Wetlands Project, Inc., Board Member, 6/05 – present; Land Use Committee Chair 7/06 – present
- Fox Island Alliance, Inc., Board Member, 5/97 – present; Webmaster, 9/02 - present
- Led nature tours for Little River Wetlands Project for an open house 10/17/09, 10/4/08, 6/21/08, and for major donors 5/3/08
- "Plant Communities of Indiana, Allen County, and Fox Island" Presented to the Breakfast-on-the-Marsh group of the Little River Wetlands Project, In. 2/8/07
- Published articles in the Fox Tale, the publication of the Fox Island Alliance, Spring 2003, Fall 2003, Winter 2004, Spring 2005

Service to the Profession and Community

- all for One productions: Photographer for the plays, "Over the River and Through the Woods" (11/08), "American Primitive" (5/08), "Queen Bee" (06), Character Counts" (05), "You Can't Take it with You" (05), "American Primitive" (05), and "I Remember Mama"(03)
- Southwestern Michigan Council of Camera Clubs (SWMCCC): Taught "Creative Flash Photography" 7/27-29/06 in Holland, MI.
- Northeast Christian Church: Member of the men's quartet; Discussion leader in men's study group fall 2004; Youth Sunday School co-teacher Summer 2005.
- InterVarsity Christian Fellowship: Gave a talk, "A Christian Perspective on Origins" at Trine University 4/15/04 and at Indiana University/ Purdue University, Fort Wayne, 3/26/04
- Fort Wayne Photographer's Club: Presented workshops, "Macro Photography" 10/19/06, "Macro Photography" 4/24/04, "Creative Flash Photography" 1/22/04, and "Photograph a Challenge" 10/18/03
- Allen County Amateur Radio Technical Society, Activities Chair, 1999
- TUFW Community Service Day - Project Leader, 1998-2002

- Grace Fellowship Church: Member of the Worship Committee and Worship Leader - Grace Fellowship Church (10/15/93 - 3/30/95), Co-Worship Leader (1/96 - 3/97); Christian Service Brigade, Stockade Chief Ranger, Grace Fellowship Church, 9/94 - 10/97
- Immanuel Baptist Church: Tree Climbers Leader, 1/92 - 5/93
- Homeschoolers: (Elementary age) "What is Science?" and "The Human Body," 2/22/96, 2/23/92, 2/21/91, 3/15/90; (Middle/High school) "What is a Cell?," 2/29/96; Taught high school biology to homeschoolers, 90/91; Hosted a Solar Eclipse Party (about 300 attended,) 5/10/94
- Speaking: Preached, Trinity Evangelical Church, "Sin and Relationships," 10/25/09; Spoke at the Reasons for Hope conference "A Christian Perspective on Origins" 2/7/09, Preached, Trinity Evangelical Church, "Natural Revelation," 12/14,08; Christmas Eve Devotional, Trinity Evangelical Church, 12/24/07; Father/Son Banquet, Highland Bethel Church "Science Fun," 11/5/94; Led a Bible study on Hebrews, 9/93; Preached at Grace Fellowship Church: "Making the Grade," 6/6/93; Spoke in Sunday School - Springhill Missionary "Evolution," 1990; Taught Sunday School Class - Community CRC Church "Prayer," 1990; Preached in Columbia City: "Natural Revelation," 11/29/89