

# Benjamin J. Dolan

Assistant Professor of Biology  
The University of Findlay, College of Sciences  
1000 N. Main St., Findlay, OH 45840  
419-434-5530 dolan@findlay.edu

---

## EDUCATION

### **Doctor of Philosophy, Forest Ecology**, December 2004

Purdue University, West Lafayette, IN

*Dissertation*: Ecosystem Classification and Succession of Northeast Indiana

Advisor: George R. Parker

### **Master of Science, Forest Ecology**, December 2000

Purdue University, West Lafayette, IN

*Thesis*: Response of Central Hardwood Forests to Disturbance: An Investigation of Prescribed Burning and Subcanopy Removal Treatments

Advisor: George R. Parker

### **Bachelor of Science, Biology**, *cum laude*, May 1998

Presbyterian College, Clinton, SC

*Senior Seminar*: Regeneration in Yellowstone Ten Years After the Fires of 1988

### **Bachelor of Arts, French**, *cum laude*, May 1998

Presbyterian College, Clinton, SC

*Study Abroad*: Institute for American Universities, Avignon, France

## WORK EXPERIENCE

### **Assistant Professor of Biology**, The University of Findlay

August 2008 – present

- Taught 12-15 contact hours per semester
- Supervised undergraduate research
- Participated in committee work at department and college level
- Developed and implemented lab exercises and field trips
- Participated in faculty development programs

### **Visiting Assistant Professor**, Sewanee: The University of the South

August 2007 – June 2008

- Taught 12 contact hours per semester
- Supervised senior research projects
- Developed and implemented lab exercises and field trips
- Administered comprehensive examinations
- Participated in faculty development programs
- Implemented alternative teaching strategies

### **Postdoctoral Research Associate**, Purdue University

January 2005 – July 2007

- Coordinated a landscape-scale, long-term experiment to study oak forest ecology and forest regeneration
- Established partnerships between government agencies, non-profit organizations, and universities to support research
- Planned meetings, developed budgets, edited reports, and managed databases
- Coordinated field work and supervised undergraduate field technicians
- Presented results to scientific and public audiences
- Studied statistical approaches for modeling ecosystem processes
- Taught 4 contact hours during fall semesters
- Advised an undergraduate independent research project

**Graduate Assistant**, Purdue University

August 1998 – December 2004

- Developed research projects addressing plant community dynamics in hardwood forests of Indiana, including classification and fire ecology projects
- Participated in and designed vegetation sampling for a landscape-scale study of fragmentation in the Central Hardwood Region in collaboration with researchers from Purdue University, University of Missouri, and University of Tennessee
- Assisted with laboratories for several courses

**Teaching Assistant**, Presbyterian College

- Assisted with General Biology labs, Spring 1998

**HONORS AND AWARDS**

Best Appearance and Presentation Award, Purdue University E-Portfolio Contest, 2004  
 Outstanding Graduate Student Poster, Annual Symposium of the Department of Forestry and Natural Resources, Purdue University, 2001  
 Omicron Delta Kappa, Academic and Leadership Honor Society, 1997  
 Beta Beta Beta, Biological Honor Society, 1996

**TEACHING EXPERIENCE***The University of Findlay*

- Ecology, with lab
- Botany, with lab
- Introduction to Research
- Biodiversity: Form and Function, with lab
- Ornamental Horticulture
- Conservation Biology, with lab

*Sewanee: The University of the South*

- Dendrology, with lab
- Forest Ecology, with lab
- Disturbance & Forest Ecosystems
- Forest Pathology

*Purdue University*

- Forest Ecosystems, with lab
- Vegetation Ecology
- Wildlife Habitat Management (lab teaching assistant)
- Dendrology (lab teaching assistant)

**RESEARCH INTERESTS**

Forest ecology  
 Vegetation and community ecology  
 Disturbance ecology  
 Invasive species ecology  
 Fragmentation and land-use effects

**GRANTS**

2006-2010, Indiana Department of Natural Resources. "Hardwood Ecosystem Experiment" \$400,000. Co-PI with R. Swihart, G. Parker, C. Michler, L. Prokopy, S. Broussard, J. Holland, J. Dunning, H. Weeks, W. Hoover, V. Brack, K. Islam, and B. Fischer.

2007, Sewanee: The University of the South, Center for Teaching. "Coffee Hour" \$400.

**PUBLICATIONS**

Dolan, Benjamin J., and George R. Parker. 2006. Ecosystem Classification and Succession in the Central Till Plain of Indiana. Proceedings of the 15<sup>th</sup> Central Hardwood Forest Conference, February 27-March 1, 2006. Knoxville, TN

Dolan, Benjamin J., and George R. Parker. 2005. Ecosystem Classification in a Flat, Highly Fragmented Region of Indiana, USA. *Forest Ecology and Management*, 219:109-131.

Dolan, Benjamin J., and George R. Parker. 2004. Understory Response to Disturbance: an Investigation of Understory Removal Treatments. Proceedings of the Upland Oak Ecology Symposium, October 7-10, 2002. Fayetteville, AR.

**PRESENTATIONS**

Dunning, J.B., and B.J. Dolan. 2007. Sustaining Hardwood Ecosystems: an interdisciplinary area of research and extension for Purdue University. *Advances in Forest and Natural Resource Management Symposium: Sustainability, Integration, Modeling, and Technologies*. September 2-5, 2007. National Taiwan University, Taipei, Taiwan.

Dolan, B.J. 2007. The Hardwood Ecosystem Experiment. Presentation to the Hardwood Ecosystem Experiment Annual Meeting, March 23, 2007, Indianapolis, IN.

Dolan, B.J. 2007. The Hardwood Ecosystem Experiment. Presentation to the Indiana Division of Forestry Annual Meeting, February 6, 2007, Angola, IN.

Dolan, B.J. 2006. The Challenges of Oak Regeneration. Presentation to the Indiana Forest and Woodland Owners Association, Annual Meeting, November 3-4, 2006, Columbus, IN.

Dolan, B.J., and J. Riegel. 2006. The Challenges of Oak Regeneration. Presentation to Wings on the Water conference and workshops, November 1-4, 2006. Bloomington, IN.

Dolan, B.J. 2006. The Indiana Hardwood Ecosystem Experiment. Presentation to the Indiana Chapter of the Society of American Foresters, Summer Meeting, August 15-16, 2006. Bedford, IN.

Dolan, B.J. 2006. Ecological Classification: Evaluating Site Conditions Using Soils, Vegetation, and Physiography. US Fish and Wildlife Service, Regions 3 & 5, Forest Management Workshop, Big Oaks NWR, August 8-10, 2006. Madison, IN

Dolan, B.J., and G.R. Parker. 2004. Final Ecological Classification of the Bluffton Till Plain Subsection. Presentation to the Indiana Academy of Sciences 120<sup>th</sup> Annual Meeting, October 28-29, 2004. Hanover, IN.

Dolan, B.J., and G.R. Parker. 2003. Ecological Classification of the Central Till Plain Region. Poster presentation to Indiana Academy of Sciences 119<sup>th</sup> Annual Meeting, October 16-17, 2003. Anderson, IN.

Dolan, B.J., and G.R. Parker. 2001. Understory Response to Disturbance: An Investigation of Understory Removal Treatments. Poster presentation to the 13<sup>th</sup> Central Hardwood Forest Conference, March 2001. Champaign, IL.

Dolan, B.J., and G.R. Parker. 2001. Understory Response to Disturbance: An Investigation of Understory Removal Treatments. Poster presentation to the 28<sup>th</sup> Natural Areas Conference, October 2001. Port Canaveral, FL.

Dolan, B.J., and G.R. Parker. 2000 & 2001. Understory Response to Disturbance: An Investigation of Understory Removal Treatments. Poster presentation to the Annual Symposium of the Department of Forestry and Natural Resources, Purdue University, April 2000 & 2001. West Lafayette, IN.

## MENTORING

### *Undergraduate Research and Independent Studies*

- A. Kuflewski, 2009. Vegetation Classification and Habitat Mapping of the Rieck Center for Habitat Studies. Reported as a poster presentation at the UF Annual Symposium for Scholarship and Research.
- J. Umlauf. 2009. Potential Impact of Emerald Ash Borer on the Distribution of Ash spp. at the Rieck Center for Habitat Studies. Reported as a poster presentation at the UF Annual Symposium for Scholarship and Research.
- G. Stevens. 2006. Songbird Diversity: Establishment Report for the Hardwood Ecosystem Experiment, Brown, Martin, and Monroe Counties, Indiana. Reported as a paper included in the HEE Establishment Report, with results presented orally at the HEE Annual Meeting.

## MEMBERSHIPS

Ecological Society of America  
 Natural Areas Association  
 Society of American Foresters, Ohio Chapter  
 Friends of the Rieck Center

## SERVICE TO THE UNIVERSITY

**Member**, Animal Biologist Search Committee, UF College of Sciences  
 Spring 2008

**Member**, Science Endowed Scholarship Selection Committee, UF College of Sciences  
 Spring 2008

**Graduate Student Mentor**, Forestry and Natural Resources, Purdue University  
 1999-2004

- Mentored new graduate students
- Planned social activities for graduate students and faculty

**Graduate Student Representative**, Forestry and Natural Resources, Purdue University  
 2000 – 2001

- Represented graduate students at faculty meetings
- Kept fellow students informed of departmental issues

## SERVICE TO THE COMMUNITY

**Board of Directors**, Friends of the Rieck Center, Findlay, OH  
 2008-present

- Served as vice-president
- Planned and implemented community programs, including tree and wildflower hikes
- Aided in property preservation and trail maintenance

**Board of Directors**, Lafayette Tree Fund, Lafayette, IN  
 2005 – 2007

- Planned tree planting activities for non-profit urban forest organization
- Planted, pruned, and watered trees in the city of Lafayette

**Mentor**, Big Brothers/Big Sisters, Lafayette, IN  
 2003-2007

- Mentored an elementary school student through Bigs in School and the Big Brothers Community Program

**Steward**, NICHES Land Trust, Lafayette, IN  
1999 – 2004

- Implemented a management plan for an island nature preserve
- Monitored wildlife for the Indiana Department of Fish and Wildlife
- Maintained properties through exotic species removal, prescribed burning, and trail maintenance

**Volunteer**, The Nature Conservancy, Indianapolis, Indiana  
1999 – 2002

- Provided support for prescribed burns at nature preserves
- Certified by the Nature Conservancy to work on prescribed burns

**Volunteer Forest Firefighter**, IN Department of Natural Resources, Indianapolis, IN  
1999 – 2002

- Red Card certified to fight wildland forest fires

**RELEVANT  
GRADUATE  
COURSEWORK**

Forest Ecology	Quantitative Methods for Ecologists
Advanced Silviculture	Digital Remote Sensing and GIS
Bryology	Advanced GIS Applications
Wetlands Ecology	Boundary Layer Meteorology
Ecological Impact Analysis	Watershed Systems Design

**COMPUTER  
SOFTWARE  
SKILLS**

- Statistics software: SPSS, SAS, PC-ORD, CANOCO, I-Miner, R
- GIS and imaging software: ArcGIS, Erdas Imagine
- Microsoft Office: Word, Excel, Powerpoint
- Databases: MS Access, ProCite
- Web design: Dreamweaver, Frontpage