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## Michael Mastodon, Ph.D.

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### Professional Experience

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#### *Employment:*

20xx – Present — Associate Vice Chancellor for Research and External Support  
20xx – 20xx — Office of Academic Affairs, Fellow, Indiana University-Purdue University Fort Wayne  
20xx – Present — Professor of Geology, Indiana University Purdue-University Fort Wayne  
1998 – 20xx — Associate Professor of Geology, Indiana University-Purdue University Fort Wayne  
1995 - Present — Member of the Indiana University Graduate Faculty  
1994 - 1998 — Assistant Professor of Geology, Indiana University-Purdue University Fort Wayne

#### *Memberships:*

1989 - Present — Geological Society of America (Elected Fellow, 20xx)  
1989 - Present — Society for Sedimentary Geology (SEPM)  
1999 - Present — National Association of Geoscience Teachers

### Education

1994 — Ph.D. Geology, University of Michigan, Ann Arbor, Michigan  
1991 — M.S. Geology, University of Michigan, Ann Arbor, Michigan  
1988 — B.S. Geology, Minor Mathematics, James Madison University, Harrisonburg, Virginia

### Publications

#### *Books:*

1998 *Foundations in Earth Science: Adventures in Nature and Mathematics*, Kendall/Hunt, Dubuque, Iowa, 141 p.

#### *Research Articles: [bold names are IPFW undergraduate students]*

20xx Smith, C.N., *Visualization of academic efficiency and productivity*, *Planning for Higher Education*, in press.  
20xx Smith, C.N., and Wilkinson, B.H., *Interannual variability in millennial climate proxy data*, *Journal of Geology*, in press.  
20xx Wilkinson, B.H., and Smith, C.N., *Facies mosaics across the Persian Gulf and around Antigua – Stochastic and deterministic products of shallow-water sediment accumulation*, *Journal of Sedimentary Research*, v. 74, n. 4, p. 513-526.

#### *Essays:*

20xx Smith, C.N., *Immanence and Configuration – Scale Dependence and the Transition from Periodic to Quasi-Periodic Behavior of Dynamic Systems*, *Journal of Geoscience Education*, v. 50, p. 346-348.  
20xx Smith, C.N., *Immanence and Configuration – Superposition and Soil Formation a Stratigraphic Paradox*, *Journal of Geoscience Education*, v. 50, p. 232.  
2002 Smith, C.N., *Immanence and Configuration – Assessing Proxies of Climate Change*, *Journal of Geoscience Education*, v. 50, p. 117-118.

#### *Editorials:*

20xx Smith, C.N., *The Geosciences as an Employment Opportunity*, *Journal of Geoscience Education*, v. 53, p. 486.  
20xx Smith, C.N., *The Geology Department, The Administration, and the Roots of Failure and Success*, *Journal of Geoscience Education*, v. 53, p. 146.  
20xx Smith, C.N., *The State of the Journal 20xx*, *Journal of Geoscience Education*, v. 53, p. 2.

### Abstracts:

- 20xx Smith, C.N., and Wilkinson, B.H., *Stochastic resonance as a driver of time partitioning in carbonate successions: Inspired by Ginsburg's autocyclic model*: Geol. Soc. Amer. Ann. Mtg., Salt Lake City, UT.
- 20xx Wilkinson, B.H., and Smith, C.N., *Phanerozoic sediment cycling, seawater chemistry, carbonate mineralogy, and continental denudation – Fred was first*: Geol. Soc. Amer. Ann. Mtg., Salt Lake City, UT.
- 20xx Smith, C.N., *Intelligent design and the future of science education*: Geol. Soc. Amer. Ann. Mtg., Salt Lake City, UT

### Honors

- 20xx Rod Rose Outstanding Paper Award, for the manuscript: *Strategic Planning for Research Administration*, Journal of Research Administration, Society of Research Administration International.
- 20xx Elected Fellow of the Geological Society of America
- 20xx Enhancement of Learning Award, School of Arts and Science, IPFW
- 1999 Selected as Editor of the Journal of Geoscience Education

### Research Grants

- 20xx *Long-term patterns of carbonate accumulation*, The Petroleum Research Fund of the American Chemical Society.
- 1999 *Exploring the scaling structure of stratigraphic sections*, with Alex James, IPFW Undergraduate Research and Creative Endeavor Committee Summer Stipend for Research.
- 1999 *Development of an Integrated Systems-Based G100 Lecture Class*, Indiana University Purdue University Fort Wayne Instructional Development Grant.

### Programatic Grants

- 20xx *Ideas in Action - Innovation, Entrepreneurship, Excellence*, Lilly Endowment Inc., \$8,800.
- 20xx *Undergraduate Research Support*, Indiana University, \$4,000
- 20xx *Promoting Opportunity through Educational Collaborations*, Lilly Endowment Inc., \$176,975.
- 20xx *Perkins Tech Prep Implementation Grant*, Leo Junior-Senior High School, \$15,000.
- 20xx *Lilly interns for summer 2004*, Lilly Endowment Inc., \$35,000.

### Teaching Experience

Term	Numb.	Title	Credit	Format	Location
W2004	G323	Structural Geology	3	Lec/Lab	IPFW
W2003	G100L	General Geology	1	Lab	IPFW
W2003	G100L	General Geology	1	Lab	IPFW
W2002	G323	Structural Geology	3	Lec/Lab	IPFW
W2002	G319	Elem. Field Geo.	2	Field	IPFW
W2001	G100	General Geology	3	Lecture	IPFW
W2001	G100L	General Geology	1	Lab	IPFW
W2001	G100L	General Geology	1	Lab	IPFW
F2000	G100	General Geology	3	Lec	IPFW
F2000	G102	Out of the Void	3	Lec	IPFW
F2000	G415	Geomorphology	3	Lec/Lab	IPFW
S2000	GS440	Field Camp	8	Field	Univ. Mich.
W2000	G305	Scientific Thought	3	Lec	IPFW
W 1995	G334	Princ. of Sedimentology	3	Lec/Lab	IPFW
W 1995	G410	Undergrad Research	1	Indv Inst	IPFW
W 1995	G420	Regional Geology	2	Field	IPFW
F 1994	G100	General Geology	3	Lec	IPFW
F 1994	G100L	General Geology	1	Lab	IPFW
F 1994	G415	Geomorphology	3	Lec/Lab	IPFW
S 1994	GS116	Field Camp	8	Field	Univ. Mich.

## University Service

### *University System*

20xx-20xx Member, Indiana University RUGS Intercampus and Research Support Fund Review Committee  
 1997-20xx Campus Representative to the Indiana University Graduate Council  
 1998-1999 Member, Distance Education Subcommittee of the Indiana University Graduate Council  
 1997-1998 Member, Grants and Awards Subcommittee of the Indiana University Graduate Council

### *Indiana University Purdue University Fort Wayne*

20xx-Present Academic Affairs Representative, Professional Development Subcommittee  
 20xx-Present Member, Strategic Planning and Review Council  
 20xx-2002 Member Strategic Planning Task Force  
 20xx-2002 Chair, Task Force on Attendance Patterns and Policies

### *School of Arts and Sciences*

20xx-20xx Member, Dean's Search Committee  
 1997-1999 Member, Student Affairs Committee

### *Department of Geosciences*

1998 Production of Departmental Brochure  
 1997-1999 Chair, Committee for Review of Academic Programs  
 1994-present Library Resources Coordinator

## Professional Service

### *Offices/Positions Held*

20xx-present Associate Editor of *American Journal of Undergraduate Research*  
 1999-present Editor of *Journal of Geoscience Education*

### *Review of Research Proposals*

20xx Reviewed 1 proposal for the National Science Foundation  
 20xx Reviewed 3 proposals for the National Science Foundation  
 20xx Reviewed 2 proposal for the National Science Foundation

### *Refereeing of Manuscripts for Professional Journals*

20xx Reviewed 2 manuscripts for the journal *Paleo-3* and *Journal of Sedimentary Research*  
 20xx Reviewed 1 manuscript for the journal *Basin Research*  
 20xx Reviewed 2 manuscripts for the journals *Arab Journal of Science and Engineering*, and *Journal of Sedimentary Research*

### *Review of Textbooks*

20xx Reviewed Topic Outline for text on Digital Field Mapping, Prentice Hall.  
 20xx Reviewed Units 10, 11, and 14 of Peters and Davis' *Geology from Experience* Laboratory Manual, W.H. Freeman  
 1999 Reviewed Units 3, 4, and 5 of Peters and Davis' *Geology from Experience* Laboratory Manual, W.H. Freeman

Other

20xx Reviewed two promotion and tenure cases for University of Wisconsin Milwaukee and Western Michigan University.  
20xx Reviewed First Report of the Cyclostratigraphy Working Group – International Subcommittee on Stratigraphic Classification