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## Curriculum Vitae

### WILLIAM I. AUSICH

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### **PERSONAL INFORMATION**

Birth: February 2, 1952, in Kewanee, Illinois, U.S.A.  
Marital  
Status: Married, three children

### **EDUCATION**

1978 Ph.D., Indiana University, Bloomington, Geology with Biology Minor  
1976 A.M., Indiana University, Bloomington, Geology  
1974 B.S., University of Illinois, Urbana, Geology

### **PROFESSIONAL EXPERIENCE**

1990- present Professor, The Ohio State University  
2002- present Director, Orton Museum of Geology  
1995-99 Chair, Department of Geological Sciences  
1993- present Research Associate, U.S. National Museum, Smithsonian Institution  
1992 Research Fellow, Trinity College, Dublin, Ireland  
1984-90 Associate Professor, The Ohio State University  
1982-84 Associate Professor, Wright State University  
1981-84 Editor, Professional Practice Report Series, Department of Geological Sciences,  
Wright State University  
1979-82 Assistant Professor, Wright State University  
1978-79 Visiting Assistant Professor, Wright State University  
1978 Instructor, Indiana University

- 1974-78 Associate Instructor, Indiana University  
 1977 Directed research project in the High School Summer Science Institute (sponsored by Indiana University and the National Science Foundation)  
 1975-76 Research Assistant with Indiana Geological Survey on Army Corps of Engineer Environmental Impact Statement (Waldron Shale Paleontology)

## AWARDS

- 2007 Distinguished Teaching Award, School of Earth Sciences, The Ohio State University  
 2006 Research medal from Universidade de Trás-os-Montes e Alto Douro, Vila Real, Portugal  
 2005 Fellow, Paleontological Society (Inaugural Class)  
 2001 Richard Owen Award; Outstanding Alumnus, Department of Geological Sciences, Indiana University  
 2000-06 Paleontological Society, 2000-2002, President-Elect; 2002-2004, President; 2004-2006, Past-President  
 2000 Fellow, American Association for the Advancement of Sciences  
 2000 Distinguished Teaching Award, Department of Geological Sciences, The Ohio State University  
 2000 *Fossils of Ohio*, Outstanding Publication from the American Association of Earth Science Editors  
 1997 Fellow, Geological Society of America  
 1992-93 Paleontological Society *Distinguished Lecturer* (first class)  
 1992 Ohio Distinguished Citizen  
 1992 Fulbright Fellowship, Trinity College, Dublin, Ireland  
 1991 Honorable Order of Kentucky Colonels  
 1990 Schuchert Award, Paleontological Society  
 1989 Distinguished Teaching Award, Department of Geology and Mineralogy, The Ohio State University  
 1980 S.E.P.M. Outstanding *Journal of Paleontology* Paper Award (1979 volume)  
 1979 E. R. Cummings Award, Department of Geology, Indiana University  
 1977 Estwing Outstanding Geology Graduate Student Award, Indiana University  
 1976 Sigma Xi (Full Member, 1985)  
 1975 Sigma Gamma Epsilon

## GRANTS

- 2008-10 National Science Foundation for Identity and Significance of Biomarkers in Paleozoic Crinoids, Y.-P. Chin, co-PI  
 2006-08 National Science Foundation for Fringelites: Fossil Organic Molecules as a Proxy for Phylogeny in Paleozoic Crinoids, Y.-P. Chin, co-PI  
 2003-07 National Science Foundation for Evolutionary Success in Marine Invertebrates: Testing the Relationship between Eurytopy, Longevity, and Geographic Range

- 2002-05 National Science Foundation, for Extinction and recovery of crinoids resulting from climatic change during the Ordovician-Silurian biotic crisis
- 2000-02 National Geographic Society, for study of Ordovician-Silurian crinoids on Anticosti Island, Quebec
- 1994-99 National Science Foundation, for study of morphological diversification and classification of crinoids
- 1991-94 National Science Foundation, for study of crinoid column functional morphology and architecture
- 1989-92 National Science Foundation, for study of Fort Payne Formation, South-Central Kentucky
- 1987-90 National Science Foundation, for study of Keokuk Limestone, Illinois, Iowa and Missouri
- 1985-86 Ohio State University Seed Grant. Crinoid assemblages of the Burlington Limestone
- 1984-87 National Science Foundation, for study of Fort Payne Formation, South-Central Kentucky
- 1984 ARCO, Library Development
- 1982 College of Science and Engineering, Wright State University, Seed Grant
- 1982-84 Union Oil Company Faculty Support
- 1981-83 Petroleum Research Fund of American Chemical Society, Taxonomy and Phylogeny of Brassfield Limestone Crinoids
- 1980 NSF Equipment Proposal for Scanning Electron Microscope
- 1979 College of Science and Engineering, Wright State University, Seed Grant
- 1977 Geology Department, Indiana University, Grant-in-Aid of Research
- 1977 Doctoral Student Grants-in-Aid of Research, Graduate School, Indiana University
- 1977 Sigma Xi Grants-in-Aid of Research
- 1975 Army Corp of Engineers, Louisville---for a paleontological review of the Site of Clifty Creek Lake, Wabash River Basin, Indiana (with the Indiana Geological Survey)
- 1975 Sigma Xi Grants-in-Aid of Research

### **PROFESSIONAL SERVICE (select)**

Paleontological Society, 2000-2002, President-elect; 2002-2004, President; 2004-2006, past-President

Paleontological Society, 1985-87, Nomination Committee (Chairman, 1987); 1989, Member of PS Council; 1994-97, Special Publications Co-editor; 1997-1999, Schuchert Award Committee; 1998-2000, Councilor at Large; 1999-present, *Journal of Paleontology* Technical Editor; Committee for Fellows; 2004-2006, *P.S.* Member, Advisory Council of Geoscience World; 2006-2012, *P.S.* Fellows Committee; 2007, Poster Judge; 2008 Poster Judge.

Coordinating Author for the *Revised Crinoid Treatise on Invertebrate Paleontology*

Society of Economic Paleontologists and Mineralogists Midyear Meeting, Co-Program

Chairman, 1988, Columbus; Convention Policy Committee, 1988-90; 1997-1999

\_\_North American Paleontological Conference 2009, Organizing Committee

North-Central Paleontological Society, Vice-Chairman, 1988-89; Chairman, 1989-90

Alumni Council, Department of Geology, Indiana University, 1984-87

North-Central G.S.A., Vice Chairman, 1984, Lexington; Nominations Committee, 1984;  
General Chair for 1998 meeting.

Advised the Smithsonian Institution for their new Oceans Exhibit

## **PUBLICATIONS**

### In Press

Ausich, W.I., and T.W. Kammer. (in press). Tubes, sacs, cones, pyramids, and proboscises: Toward a homology-based understanding and terminology for plated, erect hindgut structures among the Crinoidea. In Echinoderms–Durham.

Ausich, W. I. 2009 (in press). A critical evaluation of the status of crinoids studied by Dr. Gerard Troost (1776-1850). *Journal of Paleontology*. [154 manuscript pages]

Greb, S.F., P.E. Potter, D.L. Meyer, and W.I. Ausich. (in press). Mud Mounds, Paleoslumps, Crinoids, and More; The Geology of the Fort Payne Formation at Lake Cumberland, South-central Kentucky. *Kentucky Geological Survey Guidebook*.

Boyarko, D., and W.I. Ausich. 2009(in press). New calceocrinids from the Brassfield Formation of northern Kentucky and southern Ohio. *Southeastern Geology*.

Ausich, W.I., and T.W. Kammer. 2009(in review). Generic concepts in the Platycrinidae Austin and Austin (Class Crinoidea). *Journal of Paleontology*.

Meyer, D.L., and W.I. Ausich. (in prep.). Paleontology and geology of the Mississippian of central Kentucky; Field trips for the 2009 North American Paleontological Convention. Cincinnati Museum Center Publication.

Johnson, K., S.A. Judge, and W.I. Ausich. (submitted). Contrasting crinoid pluricolumnal orientations as a test of turbidites and debrites in south-central Kentucky (Fort Payne Formation, Lower Mississippian). *Journal of Sedimentary Research*.

Hollis, K.A., and W.I. Ausich. 2009 (in press). Ontogeny and life history strategy of *Barycrinus* (Crinoidea, Mississippian). *Lethaia*.

Ausich, W.I. 2009 (in press). These are not the crinoids your Granddaddy knew. *MAPS Digest*.

## **PUBLICATIONS**

### Books and Monographs

Ausich, W.I., and P. Copper, P. (in press). The Crinoidea of Anticosti Island, Québec (Late Ordovician to Early Silurian). *Palaeontographica Canadiana*.

- Ausich, W.I., and G.D. Webster (eds.). 2008. *Echinoderm Paleobiology*. Indiana University Press, Bloomington, 456 p.
- Hess, H., W.I. Ausich, C.E. Brett, and M.J. Simms. 2002. *Fossil Crinoids*. Cambridge University Press, 275 p. [paperback edition of 1999 book].
- Ausich, W.I., and G.D. Sevastopulo. 2001. Lower Carboniferous (Tournaisian) crinoids from Hook Head, County Wexford, Ireland. *Monograph of the Palaeontographical Society*, 617, 136 p.
- Hess, H., W.I. Ausich, C.E. Brett, and M.J. Simms. 1999. *Fossil Crinoids*. Cambridge University Press, Cambridge, 275 p. [reprinted in 2002 in paperback edition.]
- Ausich, W.I., and N.G. Lane. 1999. *Life of the Past*, Fourth Edition. Prentice-Hall, New York, 321 p.

#### In Refereed Journals

- Ausich, W.I., and T.W. Kammer. 2008. Generic concepts in the Amphoracrinidae Bather, 1899 (Class Crinoidea) and evaluation of generic assignments of North American species. *Journal of Paleontology*, 82:1130-1149.
- Hollis, K.A., and W.I. Ausich. 2008. The holdfast of *Gilbertsocrinus* (Mississippian, Crinoidea). *Canadian Journal of Earth Sciences*, 45:135-140.
- Lin, J.-P., W.I. Ausich, Y.-L. Zhao, and J. Peng. 2008. Taphonomy, Colouration, and Paleoecologic, Implications of Cambrian gogiid echinoderms from Guizhou Province, South China. *Geological Magazine*, 145(1):17-36.
- Peters, S.E., and W.I. Ausich. 2008. A sampling-adjusted macroevolutionary history for Ordovician-Silurian crinoids. *Paleobiology*, 34(1):104-116.
- Lin, J.-P., W.I. Ausich, and Y.-L. Zhao. 2008. Settling strategies of eocrinoids from the Kaili Biota (middle Cambrian) Guizhou Province, South China. *Palaeogeography, Palaeoecology, Palaeoclimatology*, 258:213-221. (invited paper)
- Ausich, W.I. 2007. Book Review: Daniel F. Merriam, 2007, *Raymond Cecil Moore, Legendary Scholar and Scientist, World-Class Geologist and Paleontologist*. University of Kansas Department of Geology and Palentological Institute Special Publication, 5, Lawrence Kansas, viii+170 p. *Palaios Book Review* [online: DOI:10.2110/pao.2007.BR020].
- Kammer, T.W., and W.I. Ausich. 2007. Stratigraphical and geographical distribution of Mississippian Crinoidea from Scotland. *Earth and Environmental Transactions of the Royal Society of Edinburgh*, 98:139-150.
- Kammer, T.W., and W.I. Ausich. 2007. New cladid and flexible crinoids from the Mississippian (Tournaisian) of England and Wales. *Palaeontology*, 50(5):1039-1050.
- Ettensohn, F.R., W.I. Ausich, T.W. Kammer, W.K. Johnson, and D.R. Chesnut, Jr.. 2007. Carboniferous echinoderm zonation in the Appalachian Basin, eastern USA. *Geologie en Mijnbouw*, 84:177-189 [T.E. Wong, (ed.) *Proceedings of the Xvth International Congress on Carboniferous and Permian Stratigraphy*].

- Schmidt, D.A., C.K. Carney, and W.I. Ausich. 2007. Stromatoporoid-tabulate coral reefs, USA, p. 117-119. *In*, E. Vennin, M. Aretz, F. Boulvain, and A. Munnecke (Eds.), *Facies from Palaeozoic Reefs and Bioaccumulations*. Mémoires du Muséum national d'Histoire naturelle, 195.
- Ausich, W.I., D.A. Schmidt, and C.K. Carney. 2007. Stromatactis-stromatoporoid-tabulate coral reefs, USA, p. 121-123. *In*, E. Vennin, M. Aretz, F. Boulvain, and A. Munnecke (Eds.), *Facies from Palaeozoic Reefs and Bioaccumulations*. Mémoires du Muséum national d'Histoire naturelle, 195.
- Kammer, T.W., and W.I. Ausich. 2007. Soft tissue preservation of the hind gut in a new genus of cladid crinoids from the Lower Carboniferous (Asbian) at St. Andrews, Scotland. *Palaeontology*, 50(4):951-959.
- Ausich, W.I., J.C. Gutiérrez-Marco, and A.A. Sá. 2007. New and Revised occurrences of Ordovician crinoids from southwestern Europe. *Journal of Paleontology*, 81(6):1374-1383.
- Richardson, J.G., and W.I. Ausich. 2007. Late Ordovician-Early Silurian cryptospore occurrences on Anticosti Island (Île d'Anticosti), Quebec, Canada. *Canadian Journal of Earth Sciences*, 44:1-7.
- Schopf, J.W., W.I. Ausich, J.R. Dodd, C.A. Hall, R.L. Parsley, G.D. Webster. 2007. Norman Gary Lane: President of the Paleontological Society (1987-1988) and Founder of "Friends of the Echinoderms" (1967). *Journal of Paleontology*, 81:221-226.
- Kammer, T.W., W.I. Ausich, and A. Goldstein. 2007. *Gilmocrinus kentuckyensis* n. sp. from the late Osagean (Mississippian) Muldraugh Member of the Borden Formation in Kentucky: A European immigrant originally derived from North America? *Journal of Paleontology*, 81(1):209-212.
- Lin, J.-P., A.C. Scott, C.-W. Li, H.-J. Wu, W.I. Ausich, Y.-L. Zhao, and Y.K. Hwu. 2006. Silicified egg clusters from a Middle Cambrian Burgess Shale-type Deposit, Guizhou, South China. *Geology*, 34(12):1037-1040.
- Ausich, W.I. 2006. Book Review: *Frank Springer and New Mexico, from the Colfax County War to the Emergence of Modern Santa Fe*. *Earth Sciences History*, 25(1):155-158.
- Lane, N.G. and W.I. Ausich. 2006. Camerata, p. 415-416. *In*, McGraw-Hill Encyclopedia of Science and Technology. McGraw-Hill, New York.
- Ausich, W.I., and T.W. Kammer. 2006. Stratigraphic and Geographic Distribution of Lower Carboniferous Crinoidea from England and Wales. *Proceedings of the Yorkshire Geological Society*, 56(2):91-109.
- Kammer, T.W., and W.I. Ausich. 2006. The "Age of Crinoids": a Mississippian biodiversity spike coincident with widespread carbonate ramps. *Palaios*, 21:236-248.

- Ausich, W.I., and S.E. Peters. 2005. A revised macroevolutionary history for Ordovician-Silurian crinoids. *Paleobiology*, 31:542-555.
- Ausich, W.I., and N.G. Lane. 2005. Isolated ideas: crinoid literature of the 16<sup>th</sup> Century. *Earth Sciences History*, 24:81-92.
- Lee, K.G., W.I. Ausich, and T.W. Kammer. 2005. Crinoids from the Nada Member of the Borden Formation (Lower Mississippian) in eastern Kentucky. *Journal of Paleontology*, 79(2):337-356.
- Richardson, J.G., and W.I. Ausich. 2004. Miospore biostratigraphy of the Borden Formation (Osagean; Tournaisian/Visean) of Kentucky and Indiana, U.S.A. *Palynology*, 28:159-174.
- Richardson, J.G., and W.I. Ausich. 2004. Paleozoic glacio-eustatic fingerprints; Evidence from third-order sequences in the Borden Delta (Mississippian; Osagean) of Kentucky and Indiana (U.S.A.). *Northeastern Geology and Environmental Sciences*, 26(4):337-356.
- Ausich, W.I. 2004. A Geological Society. *Geoscientist*, 14(1):18-19.
- Ausich, W.I. 2003. Encrinites, p. 248-249. In G. Middleton (ed.) *Encyclopedia of Sediments and Sedimentary Rocks*. Kluwer Publishers, Dordrecht, The Netherlands.
- Glass, A., W.I. Ausich, and P. Copper. 2003. New cyclocystoid (Phylum Echinodermata) from Anticosti Island, Quebec, and its bearing on cyclocystoid life modes. *Journal of Paleontology*, 77:949-957.
- Ausich, W.I. 2003. New cladid crinoid (Phylum Echinodermata) from the Middle Devonian Delaware Limestone, Franklin County, Ohio. *Ohio Journal of Sciences*, 103(2):19-24.
- Ausich, W.I. 2003. Developmental breakdown during the early evolution of the Codiocrinidae: *Parazophocrinus callosus* Strimple (Class Crinoidea). *Journal of Paleontology*, 77:471-475.
- Ausich, W.I. 2003. Lower Mississippian crinoid (Echinodermata) fauna from Utah County, Utah. *Journal of Paleontology*, 77:139-145.
- Ausich, W.I., and D. Gil Cid, and P. Domínguez Alonso. 2002. Ordovician [Dobrotivian (Llandeillian Stage) to Ashgill] Crinoids (Phylum Echinodermata) from the Montes de Toledo and Sierra Morena, Spain with implications for paleogeography of peri-Gondwana. *Journal of Paleontology*, 76:975-992.
- Schneider, K.A., and W.I. Ausich. 2002. Paleoecology of framebuilders in Early Silurian reefs (Brassfield Formation, southwestern Ohio). *Palaios*, 17:237-248.
- Lane, N.G., and W.I. Ausich. 2001. The legend of St. Cuthbert's beads. *Folklore*, 112, 65-87.
- Ausich, W.I., and D.J. Bottjer. 2001. Sessile Invertebrates, p. 384-386. In D.E. Briggs, and P.R. Crowther. *Palaeobiology II*. Blackwell Scientific Publications, Ltd.; London.
- Ausich W.I., and T.W. Kammer. 2001. The study of crinoids during the 20<sup>th</sup> Century and

- the challenges of the 21<sup>st</sup> Century. *Journal of Paleontology*, 75:1161-1173.
- Ausich, W.I., and G.D. Sevastopulo. 2001. Nomenclatorial listing of all names applied to crinoid specimens from the Hook Head fauna with present status according to Ausich & Sevastopulo (2001). The British Library Document Supply Centre Supplementary Publication, SUP 90487, 11 p.
- Ausich, W.I., and G.D. Sevastopulo. 2001. Hook Head Formation crinoids deposited in museums, forming the basis of systematic revisions in Ausich and Sevastopulo (2001). The British Library Document Supply Centre Supplementary Publication, SUP 90488, 34 p.
- Ausich, W.I. 2000. A remarkably long crinoid column from the Notwata Shale (Marmaton Group, Upper Desmoinesian), Tulsa, Oklahoma. *Oklahoma Geology Notes*, 0:60-61.
- Esquivel-Macías, C., W.I. Ausich, B.E. Buitrón-Sanchez, and A. Flores de Dios. 2000. Pennsylvanian and Mississippian pluricolumnal assemblages (Class Crinoidea) from southern Mexico and a new occurrence of a column with a tetralobate lumen. *Journal of Paleontology*, 74:1187-1190.
- Ausich, W.I., and L.E. Babcock. 2000. *Echmatocrinus*, a Burgess Shale animal reconsidered. *Lethaia*, 33:92-94.
- Ausich, W.I., A. Goldstein, and R. Yates. 2000. Crinoids from the Muldraugh Member of the Borden Formation in north-central Kentucky (Echinodermata, Lower Mississippian). *Journal of Paleontology*, 74:1072-1082.
- Ausich, W.I. 2000. Bones in the Ivory Tower. *Geotimes*, 45:18-21.
- Bodenbender, B.E., and W.I. Ausich. 2000. Skeletal crystallography and crinoid calyx architecture. *Journal of Paleontology*, 74:52-66.
- Unrug, R., W.I. Ausich, J. Bednarczyk, R.J. Cuffey, B.L. Mamet, S.L. Palmes, and S. Unrug. 2000. Paleozoic age of the Walden Creek Group, Ocoee Supergroup in the Western Blue Ridge, Southern Appalachians: Implication for evolution of the Appalachian margin of Laurentia. *Geological Society of America Bulletin*. 112:982-966.
- Ausich, W.I., G.D. Sevastopulo, and H. Torrens. 1999. Middle Nineteenth Century crinoid studies of Thomas Austin, Sr. and Thomas Austin Jr.: Newly discovered unpublished materials. *Earth Sciences History*, 18:180-197. [publication appeared November 2000, despite 1999 copyright]
- Ausich, W.I. 1999. Origin of Crinoids, p. 237-242. *In* M.D. Candia Carnevali and F. Bonasara (eds). *Echinoderm Research 1998*. A.A. Balkema; Rotterdam.
- Ausich, W.I. 1998. Phylogeny of Arenig to Caradoc Crinoids (Phylum Echinodermata) and suprageneric classification of the Crinoidea. *University of Kansas Paleontological Contributions Papers, New Series*, 9, 36 p.
- Kammer, T.W., T.K. Baumiller, and W.I. Ausich. 1998. Evolutionary significance of differential species longevity in Osagean-Meramecian (Mississippian) crinoid clades. *Paleobiology*, 24:155-176.
- Ausich, W.I., and T.K. Baumiller. 1998. Disarticulation patterns in Ordovician crinoids:

- Implications for the evolutionary history of connective tissue in the class Crinoidea (Echinodermata). *Lethaia*, 31:113-123.
- Ausich, W.I., T.E. Bolton, and L.M. Cumming. 1998. Whiterockian (Ordovician) crinoid fauna from the Table Head Group, western Newfoundland (Canada). *Canadian Journal of Earth Sciences*, 35:121-130.
- Ausich, W.I. 1998. Origin of the Crinoidea, p. 127-132. *In* R. Mooi, and M. Telford (eds.) *Echinoderms*: San Francisco. A.A. Balkema, Rotterdam.
- Ausich, W.I., and L.E. Babcock. 1998. The phylogenetic position of *Echmatocrinus brachiatus*, a probable octocoral from the Burgess Shale. *Palaeontology*, 41:193-202.
- Ausich, W.I. 1998. Early phylogeny and subclass division of the Crinoidea (phylum Echinodermata). *Journal of Paleontology*, 72:499-510.
- Harvey, E.W., and W.I. Ausich. 1997. Phylogeny of calceocrinid crinoids (Paleozoic: Echinodermata): Biogeography and mosaic evolution. *Journal of Paleontology*, 71:299-305.
- Meyer, D.L., and W.I. Ausich. 1997. Morphologic variation within and between populations of the camerate crinoid *Agaricocrinus* (Lower Mississippian, Kentucky and Tennessee): Breaking the Spell of the mushroom. *Journal of Paleontology*, 71:896-917.
- Meyer, D.L., P.E. Potter, J.L. Thies, W.I. Ausich, and S.A. Leslie. 1997. A deep-to-shallow transition in the Fort Payne Formation (Lower Mississippian) Kentucky Highway 61, Cumberland County, Kentucky. *Kentucky Geological Survey Map and Chart Series*, 12.
- Kammer, T.W., T.K. Baumiller, and W.I. Ausich. 1997. Species longevity as a function of niche breadth: Evidence from fossil crinoids. *Geology*, 25: 219-222.
- Ausich, W.I., T.W. Kammer, and D.L. Meyer. 1997. Middle Mississippian disparid crinoids from the east-central United States. *Journal of Paleontology*, 71:131-148.
- Leslie, S.A., W.I. Ausich, and D.L. Meyer. 1996. Lower Mississippian sedimentation dynamics and conodont biostratigraphy (lowermost Fort Payne Formation) along the southeastern margin of the Easter Interior Seaway. *Southeastern Geology*, 36:27-35.
- Ausich, W.I. 1996. Crinoid plate circlet homologies. *Journal of Paleontology*, 70:955-964.
- Baumiller, T.K. and W.I. Ausich. 1996. Crinoid stalk flexibility: Theoretical predictions and fossil stalk postures. *Lethaia*, 29:47-59.
- Kammer, T.W., and W.I. Ausich. 1996. Primitive cladid crinoids from the upper Osagean-lower Meramecian (Mississippian) rocks of the east-central United States. *Journal of Paleontology*, 70:835-866.
- Ausich, W.I., and R.L. Guenther. 1996. Blastoids from the Cuyahoga Formation of Ohio (Echinodermata: Lower Mississippian). *Kirklandia*, 49:1-5.
- Ausich, W.I. 1995. What is *Mitrocinus wetherbyi* S.A. Miller and Gurley, 1894? *Journal of Paleontology*, 69:1188-1190.

- Ausich, W.I. 1995. N. Gary Lane *Raymond C. Moore Medalist For Excellence in Paleontology*. *Journal of Sedimentary Research*, B65:496-497 [not refereed].
- Lane, N.G., and W.I. Ausich. 1995. Interreef crinoid fauna from the Mississinewa Shale Member of the Wabash Formation (Northern Indiana, Silurian). *Journal of Paleontology*, 69:1090-1106.
- Ausich, W.I. 1995. Presentation of the Paleontological Society Medal to Walter C. Sweet. *Journal of Paleontology*, 69:797. [not refereed]
- Baumiller, T.K., G. Llewellyn, C. Messing, and W.I. Ausich. 1995. Taphonomy and autotomy of isocrinid stalks: Influence of decay and autotomy. *Palaios*, 10:87-95.
- Ausich, W.I., and G.D. Sevastopulo. 1994. Taphonomy of Lower Carboniferous crinoids from the Hook Head Formation, Ireland. *Lethaia*, 27:245-256.
- Ausich, W.I., T.W. Kammer, and T.K. Baumiller. 1994. Demise of the Middle Paleozoic crinoid fauna: A single extinction event or rapid faunal turnover? *Paleobiology*, 20: 345-361.
- Ausich, W.I., and D.L. Meyer. 1994. Hybrid crinoids in the fossil record (Early Mississippian, Phylum Echinodermata). *Paleobiology*, 20:362-367.
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- Ausich, W.I., and T.K. Baumiller. 1993. Column regeneration in an Ordovician crinoid (Echinodermata): Paleobiologic implicatons. *Journal of Paleontology*, 67: 1068-1070.
- Ausich, W.I. and T.K. Baumiller. 1993. Taphonomic method for determining muscular articulations in fossil crinoids. *Palaios*, 8:477-484.
- Ausich, W.I., and G.D. Sevastopulo. 1993. *Poteriocrinites impressus* (Phillips, 1836). *Paläontologisches Zeitschrift* 67:299-303.
- Tull, J.F., W.I. Ausich, M.S. Goszog, and T.W. Thompson. 1993. Appalachian Blue Ridge cover sequence ranges at least into the Ordovician. *Geology* 21:215-218.
- Kammer, T.W. and W.I. Ausich. 1993. Advanced cladid crinoids from the middle Mississippian of the East-Central United States: Intermediate-grade calyces. *Journal of Paleontology* 67:614-639.
- Meyer, D.L., W.I. Ausich, and P.E. Potter. 1992. Mississippian clinoform -- Lithologic and paleoecologic diversity amid slopes, slides, and mounds (not refereed) *Palaios* 7:335-336.
- Kammer, T.W. and W.I. Ausich. 1992. Advanced cladid crinoids from the middle Mississippian of the East-Central United States: Primitive-grade calyces. *Journal of Paleontology*, 66:461-480.
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- Ausich, W.I. and D.L. Meyer. 1992. Crinoidea Flexibilia (Echinodermata) from the Fort Payne Formation (Lower Mississippian; Kentucky and Tennessee). *Journal of Paleontology*, 66:825-838.
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### **POST-DOCTORAL STUDENTS**

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