

TOMASZ K. BAUMILLER

Professor and Curator

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EDUCATION

PhD, University of Chicago, Geophysical Sciences (Paleontology), 1990.

HONORS/AWARDS

2010 Fulbright Senior Research Scholar, University of Otago, New Zealand
2005 UROP Faculty Recognition Award for Outstanding Research Mentorship
2002-2003 Fulbright Senior Research Scholar, Institute of Paleobiology, Polish Academy of Sciences
1995-1996 Thomas D. Cabot Associate Professor, Harvard
1990-1992 The Ohio State University Post-Doctoral Fellow

EDITORIAL AND PROFESSIONAL SERVICE (current)

2011- *Paleontological Society*: Schuchert Award Committee
2010- *Journal of Paleontology*, Associate Editor
1996- *Acta Palaeontologica Polonica*, Editorial Board
2004- *Paläontologische Zeitschrift*, Editorial Board

CURRENT GRANTS

2013-2014 NGS-Predation and its effects on the bathymetric distribution of crinoids
2011-2015 NSF-DEB, Collaborative Research: Assembling the Tree of Life
2009-2013 NSF-BRC, UM Museum of Paleontology IC: Databasing and Web-Accessibility

COURSES TAUGHT (current)

103. Dinosaurs and other failures,
125. *Evolution and extinction*,
341. *Field Camp: Ecology of the Rockies*
510/511. *Paleobiology*,

STUDENTS SUPERVISED (current)

UNDERGRADUATE

Senior theses

C. Meadows, UM

GRADUATE

V. Syverson (2014)

K. Rhodes (2014)

PUBLICATIONS (5 representative)

Gorzela, P., Salamon, M. A. and **Baumiller, T. K.** 2012. Predator-induced macroevolutionary trends in Mesozoic crinoids. *PNAS* 109:7004-7007.
Baumiller, T. K., Salamon, M., Gorzela, P., Mooi, R., Messing, C. G., and Gahn*, F. J. 2010. Benthic predation drove early Mesozoic crinoid radiation. *PNAS* 107 (13): 5893-5896
Baumiller, T. K., Mooi R. and Messing, C. G. 2008. Urchins in the meadow: paleobiological and evolutionary implications of cidaroid predation on crinoids. *Paleobiology*. 34: 22-34
Baumiller, T. K. and Gahn*, F. J. 2004. Testing Predation-Driven Evolution using Mid-Paleozoic Crinoid Arm Regeneration. *Science* 305: 1453-1455
Baumiller, T. K. 1990. Non-predatory drilling of Mississippian crinoids by platyceratid gastropods. *Palaeontology* 33: 743-748.