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EDUCATION

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

PROFESSIONAL EXPERIENCE

1996-2020 Professor & Curator Earth & Environmental Sciences & Museum of Paleontology, U Michigan
2002 Visiting Scientist, National Museum of Natural History, Paris
1991-1996 Assistant/Associate Professor Earth & Planetary Sciences, Harvard
1991-1995 Assistant/Associate Curator, Museum of Comparative Zoology, Harvard

HONORS AND AWARDS

2016-2017 Fulbright Senior Research Scholar, National History Museum, Austria
2014 Fellow of the Paleontological Society
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, Poland
1995-1996 Thomas D. Cabot Associate Professor, Harvard
1990-1992 The Ohio State University Post-Doctoral Fellowship

SELECTED PUBLICATIONS (10 representative)

(see Google Scholar: <https://scholar.google.com/citations?user=ykahqYgAAAAJ&hl=en>)

- Veitch*, M.A. and Baumiller, T.K. 2021. Low predation intensity on the stalked crinoid *Democrinus* sp. (Echinodermata) in Roatán, Honduras reveals deep water as likely predation refuge. *Bulletin of Marine Science* 97: 107-128.
- Saulsbury* J.G., Baumiller T.K. 2020. Predation as an explanation for a latitudinal gradient in arm number among featherstars. *Journal of Biogeography* 47:2657-2670.
- Fronimos*, J.A., Wilson, J.A. and Baumiller, T.K. 2016. Polarity of concavo-convex intervertebral joints in the necks and tails of sauropod dinosaurs. *Paleobiology* 42: 624-642.
- Baumiller, T.K. 2013. Ephemeral injuries, regeneration frequencies and intensity of the injury-producing process. *Marine Biology* 160: 3233-3239.
- Gorzelak, P., Salamon, M. A. & Baumiller, T. K. 2012. Predator-induced macroevolutionary trends in Mesozoic crinoids. *PNAS* 109:7004-7007.
- Baumiller, T. K., Salamon, M., Gorzelak, P., Mooi, R., Messing, C. G. & Gahn, F. J. 2010. Benthic predation drove early Mesozoic crinoid radiation. *PNAS* 107 (13): 5893-5896.
- Kowalewski, M., Hoffmeister, A. P., Baumiller, T. K. & Bambach, R. K. 2005. Secondary evolutionary escalation between brachiopods and enemies of other prey. *Science* 308: 1774-1777.
- Baumiller, T. K. & Gahn*, F. J. 2004. Testing Predation-Driven Evolution using Mid-Paleozoic Crinoid Arm Regeneration. *Science* 305: 1453-1455.
- Baumiller, T.K. 1993. Survivorship analysis of Paleozoic Crinoidea: effect of filter morphology on evolutionary rates. *Paleobiology* 19: 304-321.
- Baumiller, T.K. 1990. Non-predatory drilling of Mississippian crinoids by platyceratid gastropods. *Palaeontology* 33: 743-748.