

CHRISTOPHER ROBERT NOTO

ASSISTANT PROFESSOR

University of Wisconsin–Parkside, Department of Biological Sciences
321 Greenquist Hall, 900 Wood Rd, PO Box 2000, Kenosha, WI 53141-2000
Phone: 631-804-3827 Email: noto@uwp.edu Website: <http://chrisnoto.com>

EDUCATION

- Ph.D.** Ecology and Evolution, August 2009. Stony Brook University (Stony Brook, NY). Advisor: Dr. Catherine A. Forster.
- B.S. with honors** Geophysical Sciences, June 2001. University of Chicago (Chicago, IL). Advisor: Dr. Alfred M. Ziegler

RESEARCH AND FIELD EXPERIENCE

Director of Research and Field Operations, Arlington Archosaur Site, Dallas, TX. 2013-present.

Research Affiliate, Perot Museum of Nature and Science, Dallas, TX. 2013-present.

Principal Investigator, Arlington Archosaur Site, Dallas, TX. 2010-present.

Field Work, Morrison Formation of Utah. Natural History Museum of Los Angeles County, Dr. Luis Chiappe. July-August 2010 and 2012

Graduate Field Assistant, Virginia Museum of Natural History, Dr. Nicholas Fraser. June-July 2003 and 2004.

Undergraduate Research Assistant, University of Chicago, Department of Geophysical Sciences, Dr. Alfred M. Ziegler. May 2000 to August 2001.

Undergraduate Laboratory Assistant, University of Chicago, Department of Organismal Biology and Anatomy, Dr. Paul C. Sereno. January 1998 to May 2001.

GRANTS AND AWARDS

Zanno, L.E., Evans, D., and Noto, C. 2013. Enigmatic Claws of Therizinosaurus: 3D modeling and soft tissue reconstruction. North Carolina Museum of Natural Sciences Research & Collection Project Award.

Noto, C. and Main, D. 2012-2013. When Archosaurs Attacked and Reptiles Ruled Texas. Earthwatch Foundation.

Noto, C. 2007. The Influence of Post-Burial Environment and Plant-Bone Interactions on Vertebrate Preservation: An Experimental Taphonomic Study. Jurassic Foundation.

Noto, C. 2005. An actualistic taphonomic experiment utilizing bone and plant material. Geological Society of America Graduate Student Research Grant.

Noto, C. 2002. Creating a Worldwide Dinosaur Fossil Database. Jurassic Foundation.

PUBLICATIONS

Noto, C.R. 2015. Archosaur Localities in the Woodbine Formation (Cenomanian) of North-Central Texas. *In* Early- and Mid-Cretaceous Archosaur Localities of North-Central Texas, Fieldtrip Guidebook for the 75th Annual Meeting of the Society of Vertebrate Paleontology, Dallas, Texas (C. Noto, ed.). p. 38-51. DOI: <http://dx.doi.org/10.6084/m9.figshare.1608173>

Main, D.J., Noto, C.R., and Weishampel, D.B. 2014. Postcranial anatomy of a basal hadrosauroid (Dinosauria: Ornithomimidae) from the Cretaceous (Cenomanian) Woodbine Formation of North Central Texas. *In* *Hadrosaurs* (D. Eberth and D. Evans, eds.), Indiana University Press. p. 77-95.

Peterson, J. Coenen, J., and Noto, C. 2014. Fluvial transport potential of shed and root-bearing dinosaur teeth from the Late Jurassic Morrison Formation. *PeerJ* 2:e347
<http://dx.doi.org/10.7717/peerj.347>.

Noto, C.R., Main, D.J., and Drumheller, S.K. 2012. Feeding traces and paleobiology of a Cretaceous (Cenomanian) crocodyliform: example from the Woodbine Formation of Texas. *Palaios* 27(2): 105-115.

Noto, C.R. 2011. Hierarchical control of terrestrial vertebrate taphonomy over space and time: discussion of mechanisms and implications for vertebrate paleobiology. *In* *Taphonomy: Process and Bias Through Time*, 2nd edition (P.A. Allison and D.J. Bottjer, eds.). Springer, New York. p. 287-336

Noto, C.R. and Grossman, A. 2010. Broad-scale patterns of Late Jurassic dinosaur paleoecology. *PLoS ONE* 5(9): e12553.

Rees, P.M., Noto, C.R., Parrish, J.M., and Parrish, J.T. 2004. Late Jurassic climates, vegetation, and dinosaur distributions. *Journal of Geology* 112(6): 643-653.

Weishampel, D.B., Le Loeuff, J., Coria, R.A., Goman, E.M.P., Zhao, X., Xu, X., Barrett, P.M., Sahni, A., and Noto, C.R. 2004. Dinosaur Distribution. *In* *The Dinosauria*, 2nd edition (D.B. Weishampel, P. Dodson, and H. Osmolska, eds.). University of California Press, Berkeley, CA. p. 517-606.

RECENT CONFERENCE PRESENTATIONS

Mentored undergraduate students underlined>

Noto, C.R. 2015. What was happening "across the pond"? The Woodbine Formation as an example of an early Late Cretaceous Appalachian ecosystem. Society of Vertebrate Paleontology Annual Meeting. Dallas, TX.

Adams, T. L., Noto, C. R., Drumheller, S. The crocodyliform diversity of the Woodbine Formation (Cenomanian) of Texas and the transition from Early to mid-Cretaceous ecosystems. Society of Vertebrate Paleontology Annual Meeting. Dallas, TX.

- Noto, C.R. 2015. Getting a head with 3D software: digital reconstruction of a fossil crocodylian skull. Geological Society of America North-Central Section Meeting. Madison, WI.
- Witynski, D. and Noto, C.R. 2015. Paws and claws: ecomorphological differences of felid unguals. UW System Symposium for Undergraduate Research and Creative Activity. UW-Milwaukee, WI.
- Jaranson, T., Ortiz, E., and Noto, C.R. 2015. The relationship between claw morphology and predatory ecology in birds of prey. UW System Symposium for Undergraduate Research and Creative Activity. UW-Milwaukee, WI.
- Noto, C.R. 2015. What big claws you have: the ecomorphology of felid unguals. Society for Integrative and Comparative Biology (SICB) Annual Meeting, West Palm Beach, FL.
- Meyer, K. and Noto, C.R. 2014. The relationship between curvature and sheath size in bird claws. UW System Symposium for Undergraduate Research and Creative Activity. UW-Milwaukee, WI.
- Noto, C.R. 2014. Implications of morphological variation in the manual unguals of theropod dinosaurs. Society for Integrative and Comparative Biology (SICB) Annual Meeting, Austin, TX.
- Noto, C.R., Zanno, L., Witynski, D., and Meyer, K. 2014. Quantifying the relationship between curvature and sheath length in bird claws. Society for Integrative and Comparative Biology (SICB) Annual Meeting, Austin, TX.
- Noto, C.R., Main, D.J., and Poole, K. 2013. Phylogenetic and biostratigraphic implications of new postcranial material of *Protohadros* (Ornithopoda, Hadrosauroidea) from the Woodbine Formation of Texas. Society of Vertebrate Paleontology Annual Meeting, Los Angeles, CA.
- Anduza, D., Fowler, D., Noto, C.R., and Horner, J. 2013. New alvarezsaurid material from the Hell Creek Formation, Montana. Society of Vertebrate Paleontology Annual Meeting, Los Angeles, CA.
- Noto, C.R. 2012. What big claws you have: implications of morphological variation in theropod manual unguals. Society of Vertebrate Paleontology Annual Meeting, Raleigh, NC.
- Main, D.J., Noto, C.R., and Weishampel, D.B. 2012. Wildfire paleoecology from the Cretaceous coast of southwest Appalachia at the Arlington Archosaur Site, Texas. Society of Vertebrate Paleontology Annual Meeting, Raleigh, NC.
- Bennett, G.E., Main, D.J., Noto, C.R., Anderson, B. and Van Vranken, N. 2012. Microvertebrate paleoecology, wildfires and biodiversity of coastal Appalachia in the Cretaceous (Cenomanian) Woodbine Formation at the Arlington Archosaur Site, North Texas. Society of Vertebrate Paleontology Annual Meeting, Raleigh, NC.
- Noto, C.R., Main, D.J., Drumheller, S.K., and Allen, E.R. 2011. Life and death in a Cretaceous coastal swamp: example from the Woodbine Formation of Texas. Society of Vertebrate Paleontology Annual Meeting, Las Vegas, NV.
- Martin, A.J., Noto, C.R., and Chiappe, L.M. 2011. A burrow runs through it: unusual co-occurrence of a large mammal burrow system and dinosaur skeleton in the Morrison Formation of Utah. Society of Vertebrate Paleontology Annual Meeting, Las Vegas, NV.
- Main, D.J., Noto, C.R., and Scotese, C.R. 2011. New theropod material from the Cenomanian Woodbine Formation at the Arlington Archosaur Site and Cretaceous biogeography. Society of Vertebrate Paleontology Annual Meeting, Las Vegas, NV.

Allen, E.R., Main, D.J., and Noto, C.R., 2011. A new crocodyliform from the middle Cretaceous Woodbine Formation of Texas. Society of Vertebrate Paleontology Annual Meeting, Las Vegas, NV.

Main, D.J. and Noto, C.R. 2011. New basal hadrosauroid postcrania from the Cretaceous (Cenomanian) Woodbine Formation at the Arlington Archosaur Site, North Texas. International Hadrosaur Symposium, Royal Tyrrell Museum, Alberta Canada.

TEACHING EXPERIENCE

Positions

Assistant Professor. Biological Sciences, University of Wisconsin–Parkside, Kenosha, WI.
2011–Present

Visiting Professor. Biomedical Sciences, Grand Valley State University, Allendale, MI.
2008–2011

Adjunct Instructor. Anthropology, Stony Brook University, Stony Brook, NY.
2005

Adjunct Instructor. Undergraduate Biology, Stony Brook University, Stony Brook, NY.
2006–2007

Laboratory Coordinator. Undergraduate Biology, Stony Brook University, Stony Brook, NY.
2004–2008

Teaching Assistant. Undergraduate Biology, Stony Brook University, Stony Brook, NY.
2001–2006

Courses Taught

University of Wisconsin–Parkside

- BIOS 105 – Human Physiology & Anatomy I, Fall/Spring 2011-2014
- BIOS 106 – Human Physiology & Anatomy II, Fall/Spring 2013
- BIOS 190 – Fundamentals of Human Nutrition, Spring 2015
- BIOS 300 – Human Functional Anatomy, Fall/Spring 2011-2015
- BIOS 390 – Origin and Evolution of Tetrapods, Fall 2012
- BIOS 495 – Senior Seminar, Spring 2013-2014
- BIOS 499 – Independent Study, Fall/Spring 2011-2015

Grand Valley State University

- BMS 202 – Anatomy and Physiology, Fall/Spring 2010-2011
- BMS 208 – Human Anatomy (lecture), Fall 2008
- BMS 309 – Human Gross Anatomy (cadaver lab), Fall/Spring 2008-2011

Stony Brook University

- BIO 150 – The Living World, Fall 2001-2007
- BIO 344 – Chordate Zoology, Spring 2002-2008
- ANP 300 – Regional Human Anatomy, Fall 2005

SERVICE

Profession

Academic Editor for PeerJ

Book review consultant for Quarterly Review of Biology

Manuscript Reviewer

- PLoS ONE
- Journal of Vertebrate Paleontology
- Palaeogeography, Palaeoclimatology, Palaeoecology

University/Department

- Ecology, Evolution, and Conservation Major planning committee. 2012-present.
- Department Course and Curriculum Committee. 2011-2015.
- Department Web Committee. 2012-present.
- Allied Health Science Steering Committee. 2012-present.
- Department representative at Faculty Senate. 2013-2015.