

CHRISTOPHER ROBERT NOTO

DEPARTMENT OF BIOLOGICAL SCIENCES • UNIVERSITY OF WISCONSIN–PARKSIDE •
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EDUCATION

PhD 2009 Stony Brook University (Long Island, NY), Ecology and Evolution
BS 2001 University of Chicago (Chicago, Illinois), Geophysical Sciences, *with honors*

PROFESSIONAL EXPERIENCE

2017- Associate Professor, Department of Biological Sciences, University of Wisconsin–Parkside
2011-2017 Assistant Professor, Department of Biological Sciences, University of Wisconsin–Parkside
2017- Research Associate, Field Museum of Natural History, Chicago IL
2013- Research Affiliate, Perot Museum of Nature and Science, Dallas TX
2008-2011 Visiting Professor, Department of Biomedical Sciences, Grand Valley State University
2003-2004 Field Assistant, Virginia Museum of Natural History
2000-2001 Research Assistant, University of Chicago, Department of Geophysical Sciences
1998-2001 Paleo Lab Technician, University of Chicago, Department of Organismal Biology and Anatomy

TEACHING EXPERIENCE

University of Wisconsin–Parkside

Instructor

2017 Vertebrate & Human Cadaver Dissection (BIOS 390, Summer); team taught
2011-2019 Human Functional Anatomy (BIOS 300)
2011-2019 Human Physiology and Anatomy I Laboratory (BIOS 105)
2015-2019 Fundamentals of Human Nutrition (BIOS 190)
2014, 2017 Human Physiology and Anatomy II Laboratory (BIOS 106)
2013 Human Physiology and Anatomy II Discussion (BIOS 106)
2012, 2018 Human Physiology and Anatomy I Discussion (BIOS 105)
2012 Special Topics: Tetrapod Origins and Evolution (BIOS 390); team taught
2013-2014 Senior Seminar (BIOS 495)

Lab Coordinator

2011-2013 Human Physiology and Anatomy I/II (BIOS 105/106)

Undergraduate Student Mentoring

Turtle shell taphonomy from the Arlington Archosaur Site: Melissa Acosta (2016-2019)
Microfossil discovery project: Alisha Murphy (2019), Breanna Portale (2017-2019), Aaron Taylor (2017), Corey Cedergren (2017-2018), Holly Peterson (2017), Karli Knoch (2017)
Digital reconstruction of a fossil crocodylian skull: Aaron Taylor (2018)
Description of new snake material from the AAS: Holly Peterson (2018)
Morphometric analysis of body scales in modern and fossil gar: Justin Coats (2015-2016)
Ecomorphology of cat claws: Donielle Witynski (2015)

Morphometric analysis of claws in birds of prey: Elysha Ortiz (2015), Tai Jaranson (2014-2015),
Donielle Witynski (2015), Kate Meyer (2013-2014), Joel Trentadue (2012)
3D fossil reconstruction: Jessa Forster (2012)
Dinosaur morphometric analysis: Joel Trentadue (2012)

Undergraduate Student Internships

2015-2017 Arranged placement and acted as internship advisor for 15 students interning with
the Carthage Institute of Paleontology at the Dinosaur Discovery Museum in
Kenosha, WI.

Grand Valley State University

Instructor

2010-2011 Anatomy and Physiology Laboratory (BMS 202)
2008-2011 Laboratory in Human Anatomy (BMS 309)
2008 Human Anatomy Lecture (BMS 208)

Student Mentoring

Morphometric analysis of cat claws: Lisa Dust (2010)

Stony Brook University

Instructor

2005 Human Gross Anatomy (ANTH 300)

Teaching Assistant

2004-2006 Chordate Zoology (BIO 344)
2002-2003 The Living World (BIO 150)
2001 Organisms to Ecosystems (BIO 201)

Lab Coordinator

2007-2008 Chordate Zoology (BIO 344)
2004-2005 The Living World (BIO 150)

Student Mentoring

Using CT data to monitor differences in bone decomposition: Sadia Arshad (2006-2007)

PEER-REVIEWED PUBLICATIONS

Journal Articles

- Nota, C.R.**, Adams, T.L., Drumheller, S.K., and Turner, A.H. *In press*. A small enigmatic neosuchian crocodyliform from the Woodbine Formation of Texas. *The Anatomical Record*.
- Fiorillo, A.R., McCarthy, P.J., Kobayashi, Y., Tomsich, C.S., Tykoski, R.S., Lee, Y-N., Tanaka, T., **Nota, C.R.** 2018. An unusual association of hadrosaur and therizinosaur tracks within Late Cretaceous rocks of Denali National Park, Alaska. *Nature Scientific Reports* 8(1):11706.
- Adams, T.L., **Nota, C.R.**, and Drumheller, S.K. 2017. A large neosuchian crocodyliform from the Upper Cretaceous (Cenomanian) Woodbine Formation of North Texas. *Journal of Vertebrate Paleontology*: e1349776
- Peterson, J. Warnock, J.P., Eberhart, S.L., Clawson, S.R., and **Nota, C.R.** 2017. New data towards the development of a comprehensive taphonomic framework for the Late Jurassic Cleveland-Lloyd Dinosaur Quarry, Central Utah. *PeerJ* 5:e3368 <https://doi.org/10.7717/peerj.3368>

- Peterson, J. Coenen, J., and **Noto, C.R.** 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.** 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.

Book Chapters

- 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.
- 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
- 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.

OTHER PUBLICATIONS

Conference 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.
- Noto, C.R.** 2015. 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 (Editor). 52 pp. DOI: <http://dx.doi.org/10.6084/m9.figshare.1608173>

Text Books

- Woo, E., **Noto, C.R.**, Jonas, M., and Miyazaki, J.M. 2007. Implementing Active Learning in Large Classes. In *Faculty Guidebook: A Comprehensive Tool for Improving Faculty Performance*, Third Edition. Pacific Crest, Lisle, Illinois.
- Jonas, M., **Noto, C.R.**, Woo, E., and Miyazaki, J.M. 2006. Foundations of Scientific Research: Laboratory Manual for Introductory Biology, Eighth Edition. Pacific Crest. Lisle, Illinois.
- Bole, G., Jonas, M., Miyazaki, J.M., and **Noto, C.R.** (alphabetical) 2005. Foundations of Scientific Research: Laboratory Manual for Introductory Biology, Seventh Edition. Pacific Crest. Lisle, Illinois.

Book Reviews

- 2016 Daniel Hembree, Brian Platt, and Jon Smith (Eds.), *Experimental Approaches to Understanding Fossil Organisms: Lessons from the Living*. Based on a topical session held at the Geological Society of America's Annual Meeting, Minneapolis, Minnesota, 11 October 2011. *The Quarterly Review of Biology* 91(3): 355-356.
- 2014 Kevin Padian and Ellen-Therese Lamm (Eds.), *Bone Histology of Fossil Tetrapods: Advancing Methods, Analysis, and Interpretation*. *The Quarterly Review of Biology* 89(3): 257-258.

- 2013 Paul Upchurch, Alistair J. McGowan, and Clair S.C. Slater, Palaeogeography and Palaeobiogeography: Biodiversity in Space and Time. *The Quarterly Review of Biology* 88(2): 131.
- 2012 David B. Weishampel and Coralia-Maria Jianu, Transylvanian Dinosaurs. *The Quarterly Review of Biology* 87(4): 374-375.
- 2011 Paul D. Brinkman, The Second Jurassic Dinosaur Rush: Museums and Paleontology in America at the Turn of the Twentieth Century. *The Quarterly Review of Biology* 86(3): 215.
- 2011 Gregory S. Paul, The Princeton Field Guide to Dinosaurs. *The Quarterly Review of Biology* 86(2): 126-127.
- 2006 Virginia Tidwell and Kenneth Carpenter (Eds.), *Thunderlizards: The Sauropodomorph Dinosaurs*. *The Quarterly Review of Biology* 81(4): 386.

GRANTS

Awarded

2016	National Geographic Society Conservation Trust Grant C. Noto (PI), S. Drumheller-Horton, T. Adams, A. Fiorillo	\$25,000
2016	Experiment.com (crowdfunding campaign) C. Noto (PI), S. Drumheller-Horton, T. Adams	\$6,320
2015-2016	Wisconsin Alliance for Minority Participation (WiscAMP) Mentored Research: A Plug for the Leaky Pipeline Co-PIs: C. Noto, N. Taft, G. Richards	\$24,000
2015	Summer Research Grant, UW–Parkside	\$1,700
2012-2016	Undergraduate Research Assistant Program Grant (x4) In support of mentored undergraduate research at UW–Parkside	\$3,000
2013	NC Museum of Natural Sciences Research & Collection Project Award L. Zanno (PI), D. Evans, C. Noto	\$4,000
2012-2013	Earthwatch Foundation Grant Co-PIs: C. Noto, D. Main	\$42,000
2011-2017	University Travel Award (x6)	\$8,000
2006	Jurassic Foundation Research Grant	\$810
2005	Geological Society of America Graduate Student Research Grant	\$2,000
2004	Jurassic Foundation Research Grant	\$1,600
2002	Jurassic Foundation Research Grant	\$870

Applied

2015	National Science Foundation S-STEM (not awarded) Building Opportunities for STEM Scholars C. Noto (PI), S. Ostrowski, P. Lyter	\$635,200
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AWARDS AND FELLOWSHIPS

2015	Professor of the Year, UW–Parkside Pre-Health Club
2007	Presidential Award for Excellence in Teaching by a Graduate Student, Stony Brook University
2006	Outstanding Teaching Assistant, Department of Ecology and Evolution, Stony Brook University
2001-2004	Presidential Fellowship, Stony Brook University

RESEARCH PRESENTATIONS

undergraduate student authors underlined

Invited Talks and Seminars

- 2015 Symposium, "Advances in Mid-Cretaceous Paleoecology: Understanding a Major Terrestrial Transition". Society of Vertebrate Paleontology Annual Meeting, Dallas TX
- 2014 Seminar, Biology Department at Northern Illinois University
- 2012 Seminar, Geology Department at University of Wisconsin–Oshkosh
- 2007 Selected Presentation, Romer Prize Session at the Society of Vertebrate Paleontology Annual Meeting, Austin TX
- 2003 *Fredfest*, a symposium in honor of Dr. Alfred M. Ziegler on his retirement from the Department of Geophysical Sciences, University of Chicago.
- 2002 Annual EXPO of the Geophysical Sciences Department at the University of Chicago.

Contributed Presentations

- Smith, H.F., Adrian, B., **Noto, C.R.**, Grossman, A. 2018. A new species of the Nanhsiungchelyidae turtle *Basilemys* from the Arlington Archosaur Site, Woodbine Formation, Texas, U.S.A. Society of Vertebrate Paleontology Annual Meeting, Albuquerque, NM.
- Adrian, B. Smith, H.F., **Noto, C.R.**, Grossman, A. 2018. A diverse turtle assemblage from the Arlington Archosaur Site, Woodbine Formation (Cenomanian), Texas, U.S.A. Society of Vertebrate Paleontology Annual Meeting, Albuquerque, NM.
- Drumheller, S., Adams, T.L., and **Noto, C.R.** 2018. Fleshing out a lost world: mid-Cretaceous diversity in Appalachia with insights from the Arlington Archosaur Site. Geological Society of America Southeastern Section Meeting, Knoxville TN. GSA Abstracts with Programs 50(3).
- Fiorillo, A., McCarthy, P., Kobayashi, Y., Tomsich, C.S., Tykoski, R.S., Tanaka, T., and **Noto, C.R.** 2017. Co-Occurrence of therizinosaur and hadrosaur Footprints in the Lower Cantwell Formation (Upper Cretaceous) of Denali National Park, Alaska: an Asian dinosaur track assemblage on the North American side of Beringia. Geological Society of America National Meeting, Seattle WA. GSA Abstracts with Programs 49(6).
- Noto, C.R.**, Turner, A.H., Adams, T.L., and Drumheller, S. 2017. More crocs, more problems: enigmatic small crocodyliform material from the Woodbine Formation of Texas. Society of Vertebrate Paleontology Annual Meeting, Calgary, Alberta, Canada.
- Ostrowski, S.A. and **Noto, C.R.** 2017. Hold me closer tiny fossil: a rich microvertebrate fauna from the Arlington Archosaur Site (Woodbine Formation, Cenomanian) of north-central Texas. Society of Vertebrate Paleontology Annual Meeting, Calgary, Alberta, Canada.
- Adams, T.L., and Drumheller, S., and **Noto, C.** 2017. New Data On Mid- Cretaceous Ecosystems And Faunal Diversity In Appalachia: Insights From The Woodbine Formation (Cenomanian) Of North Texas. Geological Society of America South-Central Section Meeting, San Antonio TX. GSA Abstracts with Programs 49(1).
- Coats, J., and **Noto, C.R.** 2016. Morphometrics on a small scale: using shape to assign isolated fossil gar scales to specific body regions. Society of Vertebrate Paleontology Annual Meeting, Salt Lake City, UT.
- Noto, C.R.** 2016. New theropods from the Woodbine Formation of Texas: insights into Cenomanian Appalachian Ecosystems. Society of Vertebrate Paleontology Annual Meeting, Salt Lake City, UT.
- Zanno, L., Tsogtbaatar, K., **Noto, C.**, Hedrick, B., and Cordero, S. 2016. Restoring an Enigma: Dimensional Comparison Analysis and Keratinous Sheath Reconstruction of the Manual Unguals of *Therizinosaurus*. International Symposium “The 70th Anniversary of Mongolian Paleontological Expedition of Academy of Sciences, USSR” Program Abstract 2016: 48

- Peterson, J.E., Eberhart, S., Warnock, J.P., Clawson, S.R., and **Noto, C.R.** 2016. Bone fragments from the matrix of the Cleveland-Lloyd Dinosaur Quarry (Upper Jurassic Morrison Formation) and their bearing on depositional reconstruction. Geological Society of America North-Central Section Meeting, Champaign, IL. GSA Abstracts with Programs 48(5).
- 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. 2015. 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.
- Colvin, R., Beek, J., and **Noto, C.R.** 2015. The Arlington Archosaur Site, a unique urban excavation as a source of scientific education and public outreach in Texas. 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. GSA Abstracts with Programs 47(5): 75.
- Farke, A.A., Widga, C., Clawson, S.R., **Noto, C.R.**, and Peterson, J.E. 2015. Share and share alike: an open discussion of the role of digital 3D imagery in paleontological research and outreach. Geological Society of America North-Central Section Meeting, Madison, WI. GSA Abstracts with Programs 47(5): 75.
- 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.
- 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.**, Main, D.J., Drumheller, S., and King, L. 2013. Predatory behavior of a giant crocodyliform from the Woodbine Formation (Cenomanian) of Texas. Geological Society of America North-Central Section Meeting, Kalamazoo, MI. GSA Abstracts with Programs 45(4): 79.
- 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.
- Main, D.J., **Noto, C.R.**, and Drumheller, S. 2012. Crocodiles of the Texas Cretaceous; the Campanian of Big Bend to the Cenomanian of North Texas, a comparison of great size, feeding behavior and paleoecology. Geological Society of America South-Central Section Meeting, Alpine, TX. GSA Abstracts with Programs 44(1): 3.
- 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.

- King, L., Main, D.J., **Noto, C.R.**, and Bennett III, G. 2011. Shark coprolites as paleoenvironmental and paleoecological indicators at the Arlington Archosaur Site, Woodbine Formation (Cenomanian), North Central 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.
- Main, D., **Noto, C. R.** and Scotese, C. R. 2011. Paleocology of a Cretaceous coastal ecosystem; Archosaurs that lived with forest fires, an example from the Woodbine Formation, North Texas. Geological Society of America South-Central Section Meeting, New Orleans LA. GSA Abstracts with Programs 43(3): 7.
- Noto, C.R.**, Main, D., Moore, T., Scotese, C.R., and Goswami, A. 2010. Untangling the relationship between climate and biodiversity in Mesozoic terrestrial vertebrates. Geological Society of America Annual Meeting, Denver CO. GSA Abstracts with Programs 42(5): 173.
- Main, D., **Noto, C.R.**, and Scotese, C.R. 2010. Coastal Cretaceous forest fires, paleosols, and dinosaur paleoecology from the Arlington Archosaur Site, North Texas. Geological Society of America Annual Meeting, Denver CO. GSA Abstracts with Programs 42(5): 175.
- Noto, C.R.** 2010. Geometric morphometric analysis of theropod manual unguals: evolutionary and ecological implications. Society of Vertebrate Paleontology Annual Meeting, Pittsburgh, PA. Journal of Vertebrate Paleontology 30(3S): 140A.
- Noto, C.R.** 2009. The potential utility of authigenic minerals on modern and fossil bones for environmental and taphonomic analysis. Society of Vertebrate Paleontology Annual Meeting, Bristol, England. Journal of Vertebrate Paleontology 29(3S): 156A.
- Main, D., Scotese, C. R., and **Noto, C. R.** 2009. Jurassic and Cretaceous paleogeographic connectivity, dinosaur biogeography, and the paleobiogeographic index. Society of Vertebrate Paleontology Annual Meeting, Bristol, England. Journal of Vertebrate Paleontology 29(3S): 140A.
- Noto, C.R.** 2009. The influence of post-burial environment on vertebrate preservation: an experimental taphonomic study. North American Paleontological Conference, Cincinnati, OH.
- Main, D., **Noto, C. R.** and Scotese, C. R. 2009. Late Jurassic-Early Cretaceous dinosaur paleobiogeography within Northern Hemisphere ecosystems; Beringia and Barentsia. North American Paleontological Conference, Cincinnati, OH.
- Noto, C.R.** 2008. Environmental signatures of authigenic mineral formation on modern and fossil bones. Geological Society of America Annual Meeting, Houston, Texas. GSA Abstracts with Programs 40(6): 503.
- Woo, E., **Noto, C.R.**, Jonas, M., and Miyazaki, J.M. 2008. Using active learning methodologies in large-enrollment lecture classes to improve student performance: the experiment continues. Ecological Society of America Annual Meeting, Milwaukee, Wisconsin.
- Noto, C.R.** 2007. Experimental taphonomy and environmental control of vertebrate preservation. Society of Vertebrate Paleontology Annual Meeting, Austin, Texas. Journal of Vertebrate Paleontology 27(3S), 124A-125A.
- Woo, E., **Noto, C.R.**, Jonas, M., and Miyazaki, J.M. 2007. Active Student Participation in Lectures with Large Enrollments: An Experiment in Progress. Ecological Society of America Annual Meeting, San Jose, California.

- Noto, C.R.** 2006. The paleobiological implications of climatic influence over vertebrate fossil distribution patterns. Society of Vertebrate Paleontology Annual Meeting, Ottawa, ON, Canada. *Journal of Vertebrate Paleontology* 26(3S), 105A.
- Noto, C.R.** and Grossman, A. 2005. Dinosaur functional morphology and Late Jurassic ecological diversity. Society of Vertebrate Paleontology Annual Meeting, Mesa, AZ. *Journal of Vertebrate Paleontology* 25(3S), 97A.
- Rees, P.M., **Noto, C.R.**, and Weishampel, D. 2005. A new online database of dinosaur distributions. Society of Vertebrate Paleontology Annual Meeting, Mesa, AZ. *Journal of Vertebrate Paleontology* 25(3S), 103A.
- Noto, C.R.** 2005. The role of climate in determining vertebrate fossil preservation and distribution patterns. Geological Society of America Annual Meeting, Salt Lake City, Utah. *GSA Abstracts with Programs* 37(7): 117.
- Noto, C.R.** and Grossman, A. 2005. Using functional morphology to compare dinosaur communities. Northeast Ecology and Evolution Conference, Penn State University.
- Noto, C.R.** 2004. Impact of climate on dinosaur diversity and distribution over time. Society of Vertebrate Paleontology Annual Meeting, Denver, CO. *Journal of Vertebrate Paleontology* 24(3S): 98A.
- Noto, C.R.** 2003. Paleobiology by the numbers: a method for quantifying global dinosaur diversity patterns. Northeast Ecology and Evolution Conference, Rutgers University.
- Noto, C.R.**, Rees, P.M., Ziegler, A.M., and Weishampel, D.B. 2002. Rocks, bones, and plants: A pattern of latitudinal dependence demonstrated by the distribution of Jurassic dinosaurs. Society of Vertebrate Paleontology Annual Meeting, Norman, OK. *Journal of Vertebrate Paleontology* 22(3S): 92A-93A.

Student Presentations

- Taylor, A. and **Noto, C.R.** 2018. Forging a head with 3D software: reconstructing a fossil crocodylian skull. Wisconsin Science and Technology Symposium, UW-Parkside.
- Cedergren, C. and **Noto, C.R.** 2018. Using gar fossils from the Cretaceous Period as paleoenvironmental indicators. Wisconsin Science and Technology Symposium, UW-Parkside.
- Acosta, M. and **Noto, C.R.** 2018. Utilizing turtle shell taphonomy to determine depositional conditions at a fossil site from Texas. UW System Symposium for Undergraduate Research and Creative Activity. UW-Stevens Point.
- Peterson, H. and **Noto, C.R.** 2018. Slither slither little snake: new specimens of a primitive snake from Texas. UW System Symposium for Undergraduate Research and Creative Activity. UW-Stevens Point.
- Scekic, J. (highschool student) and **Noto, C.R.** 2018. First evidence of termites in the Woodbine Formation. UW Parkside Student Showcase.
- Taylor, A. and **Noto, C.R.** 2018. Forging a head with 3D software: reconstructing a fossil crocodylian skull. UW Parkside Student Showcase.
- Cedergren, C., Portale, B. and **Noto, C.R.** 2018. Using gar fossils from the Cretaceous Period as paleoenvironmental indicators. UW Parkside Student Showcase.
- Acosta, M. and **Noto, C.R.** 2018. Utilizing turtle shell taphonomy to determine depositional conditions at a fossil site from Texas. National Conference on Undergraduate Research. University of Central Oklahoma.
- Acosta, M. and **Noto, C.R.** 2017. Using turtle shell preservation to understand depositional conditions at a fossil site from Texas. UW System Symposium for Undergraduate Research and Creative Activity. UW-Stevens Point.
- Coats, J. and **Noto, C.R.** 2016. Using morphometrics to assign isolated fossil gar scales to specific body regions. UW System Symposium for Undergraduate Research and Creative Activity. UW-Stevens Point.
- 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.
- 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.
- Dust, L. and Noto, C.R. 2011. What big claws you have: relationship between claw morphology and ecology in the big cats (Felidae). Annual Student Scholarship Symposium, Grand Valley State University, Allendale MI.
- Arshad, S. and Noto, C.R. 2007. Quantification of experimental bone decomposition utilizing x-ray computed tomography. Annual Undergraduate Student Research Symposium, Stony Brook University, Stony Brook NY.

FIELD EXPERIENCE

- 2010- Woodbine Formation (Late Cretaceous), Dallas–Fort Worth Metroplex, Texas.
2010, 2012 Morrison Formation (Late Jurassic), near Blanding, Utah.
2003–2004 Morrison Formation (Late Jurassic), near Shell, Wyoming.
2000 Lance Formation (Late Cretaceous), Wyoming.

PROFESSIONAL SERVICE

- Manuscript Reviewer: PLoS ONE; Journal of Vertebrate Paleontology; Palaeogeography, Palaeoclimatology, Palaeoecology; Indiana University Press; Geology of the Intermountain West
- Associate Editor for PeerJ
- Academic book reviewing editor for Quarterly Review of Biology
- Academic Service
 - Department: Web Page and Social Media Committee; Ecology, Evolution, and Conservation Major planning committee; Course and Curriculum Committee; Awards Committee; multiple faculty/staff search and screen committees
 - College/Program: Applied Health Sciences Program steering committee
 - University: Department Senator, Commencement Marshall
- Professional Society
 - Organized and served as co-chair in special topic session for SVP 2015 annual meeting in Dallas, TX
 - Organized and ran field trip for SVP 2015 annual meeting in Dallas, TX
 - Organized and served as co-chair in special topic session for North-Central Section GSA 2015 meeting in Madison, WI
- Evolution Meeting 2006: Director of Audiovisual Services and Computer Resources, Stony Brook University

SCIENCE OUTREACH AND SERVICE

Invited Lectures

- 2017 Adventures in Lifelong Learning (Kenosha, WI), “A lost world found: Texas in the mid-Cretaceous”
- 2015 Dallas Paleontological Society (Dallas, TX), “A lost world found: Texas in the mid-Cretaceous”
- 2015 Dinosaur Discovery Museum (Kenosha, WI), “What the fossil record tells us about evolution”
- 2014 Burpee Museum Paleofest (Rockford, IL), “A lost world found: Texas in the mid-Cretaceous”

- 2013 Kenosha Public Museum (Kenosha, WI), “Life and death in a Cretaceous coastal swamp”
- 2012 Science Night at UW–Parkside (Kenosha, WI), “Why study fossils?”
- 2011 Indian Mounds Rock and Mineral Club (Wyoming, MI)
- 2010 Dallas Paleontological Society (Dallas, TX)
- 2010 Tulip City Gem and Mineral Club (Holland, MI)
- 2009 Earth Sciences Week, Grand Valley State University (Allendale, MI)

Consulting

- 2015-2017 City of Grapevine, TX: working with city officials in the town of Grapevine to help them manage fossil resources recently discovered on city property, provide contacts with local expertise, work with government agencies (US Army Corps), document the material, and provide information and educational content to use in public display.
- 2014-2016 Kenosha Public Museum: provided professional feedback during exhibition planning and organized multiple educational outreach events for the travelling exhibit “Dinosaurs Take Flight”, which debuted in Kenosha in November 2015.

Educational Service

- 2012- Human anatomy and physiology demonstrations for area high school students at UW-Parkside, serves approximately 100-200 students per year
- 2016 Designed two satellite exhibits to coincide with the “Dinosaurs Take Flight” exhibit.
 - “Dinosaurs and Birds: the Art of Science”, displayed in the UW-Parkside Library
 - “The Science Behind Toy Dinosaurs”, displayed in the Kenosha Public Library
- 2015-2016 Group tours of the Dinosaur Discovery Museum exhibits and collections
- 2013-2015 Darwin Day, Kenosha Public Museum
- 2015 Career Day, River Ridge Middle School, Hanover IL
- 2015 Earth science education video for Dallas Independent School District
- 2015 ScienceCast virtual class presentation for Perot Museum of Nature and Science
- 2009-2011 Darwin Discovery Day, Michigan State University
- 2011 Science presentations for 6th-10th grade students at the REAL School, Racine WI
- 2006 Darwin Day, Stony Brook University

Media Coverage

- 2018 Racine and Me television program, CBS 58 Milwaukee. Interview about highschool student research project in my lab.
- 2018 Racine Journal Times, “Walden student discovers evidence of insects at prehistoric dig site.” Coverage of a highschool student research project in my lab that turned up surprising results.
- 2017 Racine Journal Times, “UW-Parkside professor assists in identifying new prehistoric crocodile species.” Coverage of recent paper describing *Deltasuchus motherali*.
- 2017 Kenosha News, “UW-Parkside professor aids in identifying new prehistoric crocodile species.” Coverage of recent paper describing *Deltasuchus motherali*.
- 2016 Racine Journal Times, “Parkside professor digs into historic ecosystem”
- 2015 NBC5 Dallas, news feature on my fossil field work at the Arlington Archosaur Site
- 2015 Houston Chronicle (online), “Grapevine Lake's receding high water reveals fossilized dinosaur tracks”
- 2015 WBAB Radio Long Island, discussion of dinosaur tracks found in the Dallas-Fort Worth area
- 2015 NBC5 Dallas, provided commentary on dinosaur tracks recently discovered in the Dallas-Fort Worth area. I led the team that did the original work.
- 2014 3DPrint.com, “Reconstructing a Newly Discovered Extinct Species of Crocodylian Using 3D Printing & Scanning.” Article about my work using 3D scanning and printing technologies to study an extinct fossil crocodile
- 2013 WFAA Dallas, “Perot Museum to store 95 million year old fossils found by UTA professor.” Article about my involvement preserving the AAS fossil collection

- 2013 Dallas Morning News, “After a UT-Arlington scientist’s sudden death, dinosaur research will continue.” Article about my involvement preserving the AAS fossil collection
- 2013 Why Evolution is True blog, “Turtle-crunching crocs and Cretaceous wildfires at the Dinosaur Discovery Museum.” Article about my public research lecture at the Dinosaur Discovery Museum.
- 2013 BLM Paleontology blog, “A burrow runs through it.” Brief write up of my field work at a Jurassic-age dig site in Utah.
- 2012 Why Evolution is True blog, “Cretaceous crocs crunch critters.” Article written about my recently-published paper in *Palaios*.
- 2012 WRJN Radio, interview about recently published paper on fossil crocodile
- 2012 Laelaps (Wired Blogs), “The Nutcracker Croc of Cretaceous Texas.”
- 2011 Open Dinosaur Project (blog), contributed post "On continua and categories in paleoecology...or, an example of application of ODP data.”

PROFESSIONAL MEMBERSHIPS

American Association of Anatomists, Society of Vertebrate Paleontology, The Paleontological Society, The Palaeontological Association, Society of Integrative and Comparative Biology (past), Geological Society of America (past)