

Todd A. LaMaskin

Assistant Professor

Department of Geography and Geology
University of North Carolina Wilmington
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EDUCATION

- 2009 **Ph.D., Geological Science, University of Oregon**, Eugene, Oregon
Supervised by Dr. Rebecca J. Dorsey
Dissertation title “Stratigraphy, Provenance, and Tectonic Evolution of Mesozoic Basins in the Blue Mountains Province, eastern Oregon and western Idaho.”
- 1995 **M.S., Earth and Planetary Science, University of New Mexico**, Albuquerque, New Mexico
Supervised by Dr. Maya B. Elrick
Thesis title “Cyclostratigraphy and Sequence Stratigraphy of the Middle–Upper Devonian Guilmette Formation, southern Egan and Schell Creek Ranges, Nevada.”
- 1992 **B.S., Geology; minor in Geography, Radford University**, Radford, Virginia , *cum laude*

EMPLOYMENT/APPOINTMENTS

- 2017–present *Associate Professor*, Department of Earth and Ocean Sciences (*née* Geography and Geology), **University of North Carolina Wilmington**, Wilmington, NC
- 2011–2017 *Assistant Professor*, Department of Geography and Geology
University of North Carolina Wilmington, Wilmington, NC
- 2010–2011 *Assistant Professor*, Department of Environmental Science
University of Wisconsin-Extension, Madison, WI
- 2010–2011 *Affiliated Faculty*, Department of Geoscience
University of Wisconsin-Madison, Madison, WI
- 2008–2009 *Instructor*, Department of Earth and Environmental Science
Lane Community College, Cottage Grove, OR & Eugene, OR
- 2003–2009 *Graduate Teaching Fellow*, Department of Geological Science
University of Oregon, Eugene, OR
- 2000–2010 *Principal Geologist*, Environmental Division
URS Corporation, Richmond, VA and Gaithersburg, MD
- 1999–2000 *Project Manager*, Geoenvironmental Group
Hatcher-Sayre, Inc., Richmond, VA
- 1996–1999 *Staff Geologist/Project Geologist*, Environmental Division
Dames and Moore, Inc., Richmond, VA
- 1993–1994 *Graduate Research Assistant*, Department of Earth and Planetary Science
University of New Mexico, Albuquerque, NM
- 1992–1994 *Graduate Teaching Assistant*, Department of Earth and Planetary Science
University of New Mexico, Albuquerque, NM
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RESEARCH AWARDS AND GRANTS

- 2016 **UNCW College of Arts and Sciences** Professional Development Pilot Grant Award, Conduct a paleo-oceanographic analysis of ancient marine limestone (\$2500, *awarded*).
- 2016 **UNCW Support for Undergraduate Research and Creativity Award (SURCA)**, Thin Section Analysis of Sediment Samples from Lapa do Picareiro, Portugal (\$4653, *awarded*, Benedetti Lead PI, LaMaskin, co-PI).
- 2015 **UNCW International Travel Award**, International Programs, For travel to Portugal in support of research conducted by Dr. Mike Benedetti (\$750, *awarded* 2015).
- 2013 **UNCW College of Arts and Sciences**, Summer Research Initiative Award: Developing a robust statistical tool to compare data sets in the field of sedimentary petrology, (\$3,500, *declined*).
- 2013 **UNCW eTEAL-Supported Pedagogy Initiatives 2013–2014**, State-of-the-art geological field mapping techniques using the iPad tablet interface (co-PI Blake, D.E.; \$5,970).
- 2013 **UNCW Center for Teaching Initiatives**, Development of a new Interactive Lecture Pedagogy for GLY 445/545 – Sedimentary Basin Analysis, (\$3,000, *declined*).
- 2012 **UNCW Office of Research Services**, Research proposal preparation travel stipend (\$750, *awarded*).
- 2012 **UNCW Faculty Senate Research Committee**, Charles L. Cahill award for research and development: Pilot Project: the timing of terrane accretion in southern California, (\$3,000, *awarded*).
- 2010 **USGS**, Porosities and Permeabilities of Mid-Continent Rift Sediments with Co-PIs D. Hart (UW-Extension) and H. Wang (UW-Madison), (\$25,500)
- 2005 **AAPG**, Grant-in-Aid of Research, Robert K. Goldhammer Memorial Grant, (\$2,000)
- 2005 **Geological Society of America**, Graduate Student Research Grant (\$1,500)
- 2005 **Sigma Xi**, Grant-in-Aid of Research from the National Academy of Sciences: Detrital zircon provenance of Lower–Middle Jurassic strata in eastern Oregon and western Idaho (\$597)
- 2004 **Geological Society of America**, Graduate Student Research Grant: Integrated structural and sedimentary record of arc accretion: the Olds Ferry arc, Blue Mountains, eastern-central Oregon (\$2,700)
- 2004 **SEPM Foundation, Inc.**, Graduate Student Grant, Weimer Fund: Integrated structural and sedimentary record of arc accretion: the Olds Ferry arc, Blue Mountains, eastern-central Oregon (\$1,200)
- 1993 **University of New Mexico Student Resources Allocations Committee**, Graduate Student Research Award.

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PEER-REVIEWED PUBLICATIONS (* = student author)

- (15) Gaschnig, R., Macho, A.S., Fayon, A., Schmitz, M., Ware, B.D., Vervoort, J., Kelso, P., **LaMaskin, T.A.**, Kahn, M.J., and Tikoff, B., 2016, Intrusive and depositional constraints on the Cretaceous tectonic history of the southern Blue Mountains, eastern Oregon: *Geosphere*, doi: 10.1130/L554.1.
- (14) Vallier, T.L., Schmidt, K.L., and **LaMaskin, T.A.**, 2016, Geology of the Wallowa terrane, Blue Mountains province, in the northern part of Hells Canyon, Idaho, Washington, and Oregon, in Lewis, R.S., and Schmidt, K.L., eds., Exploring the Geology of the Inland Northwest: *Geological Society of America Field Guide 41*, p. 1–40, doi:10.1130/2016.0041(07).
- (13) **LaMaskin, T.A.**, and Dorsey, R.J., 2016, Westward growth of Laurentia by pre-Late Jurassic terrane accretion, eastern Oregon and western Idaho, United States: A Reply: *Journal of Geology*, v. 124, p. 143–147, doi: 10.1086/684120.
- (12) **LaMaskin, T.A.**, Dorsey, R.J., Vervoort, J.D., Schmitz, M.D., Tumpane, K.P., and Moore, N.O., 2015, Westward growth of Laurentia by pre-Late Jurassic terrane accretion, eastern Oregon and western Idaho, United States: *Journal of Geology*, vol. 123, p. 233–267, doi:10.1086/681724.
- (11) Lewis, R., Schmidt, K., Gaschnig, R., **LaMaskin, T.A.**, Lund, K., Gray, K., Tikoff, B., Stetson-Lee, T., Moore, N. O.*, 2014, Hells Canyon to the Bitterroot Front: Transect from the Accretionary Margin Eastward across the Idaho Batholith: in, Shaw, C., and Tikhoff, B., eds., Exploring the Northern Rocky Mountains: *Geological Society of America Field Guide 41*, p. 1–50, doi: 10.1130/9780813700373.
- (10) **LaMaskin, T.A.**, 2012, Detrital zircon facies of Cordilleran terranes in western North America: *GSA Today*, v. 22, p. 4–11, doi: 10.1130/GSATG142A.1
- (9) **LaMaskin, T.A.**, Stanley, G.D., Jr., Caruthers, A.*, and Rosenblatt, M.*, 2011, Detrital record of Upper Triassic reef facies in the Blue Mountains Province, northeastern Oregon: Implications for early Mesozoic paleogeography of western North American Cordilleran terranes: *PALAIOS*, v. 26, p. 779–789, doi: 10.2110/palo.2011.p11-006r
- (8) Schwartz, J.J., Snoke, A.W., Cordey, F., Johnson, K., Frost, C.D., Barnes, C.G., **LaMaskin, T.A.**, Wooden, J.L., Gehrels, G., 2011, Late Jurassic magmatism, metamorphism, and deformation in the Blue Mountains Province, northeast Oregon: *Geological Society of America Bulletin*, v. 123, p. 2083–2111, doi:

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10.1130/B30327.1.

- (7) **LaMaskin, T.A.**, Vervoort, J.D., and Dorsey, R.J., 2011, Early Mesozoic paleogeography and tectonic evolution of the western United States: Insights from detrital zircon U-Pb geochronology of the Blue Mountains Province, northeastern Oregon, U.S.A.: *Geological Society of America Bulletin*, v. 123, p. 1939–1965, doi: 10.1130/B30260.1.
- (6) **LaMaskin, T.A.**, Schwartz, J.J., Dorsey, R.J., Snoke, A.W., Johnson, K., and Vervoort, J.D., 2009, Mesozoic sedimentation, magmatism, and tectonics in the Blue Mountains Province, northeastern Oregon, in O'Connor, J.E., Dorsey, R.J., and Madin, I.P., eds., *Volcanoes to Vineyards: Geologic Field Trips through the Dynamic Landscape of the Pacific Northwest: Geological Society of America Field Guide 15*, doi: 10.1130/2009.fld015(09).
- (5) **LaMaskin, T.A.**, Dorsey, R.J., and Vervoort, J.D., 2008, Tectonic controls on mudrock geochemistry, Mesozoic rocks of eastern Oregon and Western Idaho, U.S.A.: Implications for Cordilleran tectonics: *Journal of Sedimentary Research*, v. 78, p. 787–805, doi: 10.2110/jsr.2008.087.
- (4) **LaMaskin, T.A.**, 2008, Late Triassic (Carnian–Norian) mixed volcanoclastic-carbonate facies of the Olds Ferry Terrane, eastern Oregon and western Idaho, in Blodgett, R., and Stanley, G., eds., *The Terrane Puzzle: New Perspectives on Paleontology and Stratigraphy from the North American Cordillera: Geological Society of America Special Paper 442*, p. 251–267, doi: 10.1130/2008.442(13).
- (3) Dorsey, R.J., and **LaMaskin, T.A.**, 2008, Mesozoic collision and accretion of oceanic terranes in the Blue Mountains Province of northeastern Oregon: New insights from the stratigraphic record, in Spencer, J.E. and Titley, S.R., eds., *Circum-Pacific Tectonics, Geologic Evolution, and Ore Deposits: Tucson, Arizona, Arizona Geological Society Digest 22*.
- (2) Dorsey, R.J., and **LaMaskin, T.A.**, 2007, Stratigraphic record of Triassic–Jurassic collisional tectonics in the Blue Mountains Province, northeastern Oregon: *American Journal of Science*, v. 307, p. 1167–1193.
- (1) **LaMaskin, T.A.**, and Elrick, M., 1997, Sequence stratigraphy of the Middle to Upper Devonian Guilmette Formation, southern Egan and Schell Creek ranges, Nevada, in Klapper, G., Murphy, M.A., and Talent, J.A., eds., *Paleozoic Sequence Stratigraphy: Studies in Honor of J. Granville (Jess) Johnson: Geological Society of America Special Paper 321*, p. 89–112.

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PUBLISHED ABSTRACTS (* = student author)

- (46) Peach, B.T.*, Blake, D.E., **LaMaskin, T.A.**, 2016, Zircon geochronology of the Raleigh terrane in the North Carolina eastern Piedmont: *Geological Society of America Abstracts with Programs*, doi: 10.1130/abs/2017SE-289947.
- (45) **LaMaskin, T.A.**, 2016, A 30 Ma record of subduction geodynamics preserved in the Jurassic geology of western North America: *Geological Society of America Abstracts with Programs*, Vol. 48, No. 7, doi: 10.1130/abs/2016AM-285710
- (44) Russell, J.A.*, **LaMaskin, T.A.**, 2016, Baltica in the Blue mountains: detrital zircon geochronology of the Late Triassic–Early Jurassic Aldrich Mountains Group, eastern Oregon: Forthcoming, *Geological Society of America Abstracts with Programs*, Vol. 48, No. 7, doi: 10.1130/abs/2016AM-286213.
- (43) **LaMaskin, T.A.**, 2016, Westward growth of Laurentia by pre-Late Jurassic terrane accretion, eastern Oregon and western Idaho, United States: A Reply: *Geological Society of America Abstracts with Programs*, Vol. 48, No. 6, doi: 10.1130/abs/2016RM-276231.
- (42) Swain, K.M.***, Benedetti, M. M., Haws, J. A., and **LaMaskin, T.A.**, 2016, Thin section analysis of sediment samples from Lapa do Picareiro, Portugal: *Association of American Geographers, Annual Meeting*, San Francisco, California, Poster #008.
- (41) Russell, J.A.*, and **LaMaskin, T.A.**, 2016, Alternating periods of orogenic and volcanic sources in the Late Triassic–Early Jurassic Aldrich Mountains Group, Blue Mountains Province, eastern Oregon: *Geological Society of America Abstracts with Programs*, Vol. 48, No. 4, doi: 10.1130/abs/2016CD-274706.
- (40) Rivas, J. A.*, **LaMaskin, T.A.**, Schwartz, J. J. and Koch, A.R.*, 2016, Permian–Triassic record of nascent subduction in the Baker terrane and Vester Formation, Blue Mountains Province, northeastern Oregon: *Geological Society of America Abstracts with Programs*, Vol. 48, No. 4, doi: 10.1130/abs/2016CD-274689.
- (39) Massoll, W. G.*, and **LaMaskin, T.A.**, 2016, A “final” pulse of magmatism in the Wallowa terrane, northeastern Oregon: Late Triassic (Norian) slab detachment recorded in the Hurwal Fm., southern Wallowa mountains: *Geological Society of America Abstracts with Programs*, Vol. 48, No. 4, doi: 10.1130/abs/2016CD-274689

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- (38) Blake, D.E., Morrow IV, R.H., Peach*, B.T., Diecchio, R.J. And **LaMaskin, T.A.**, 2016, Inexpensive but powerful Applied Learning field experiences: ETEAL iPad geologic mapping: *Geological Society of America Abstracts with Programs*, Vol. 48, No. 3, doi: 10.1130/abs/2016SE-273639.
- (37) Blake, D.E., Morrow IV, R.H., Peach, B.T.*, Diecchio, R.J. And **LaMaskin, T.A.**, 2016, Ipad geologic mapping: inexpensive technology for a powerful applied learning field experience: *Geological Society of America Abstracts with Programs*, Vol. 47, No. 7, p.113.
- (36) Koch**, A. R., **LaMaskin, T.A.**, and Schwartz, J. J., 2015, Sandstone petrofacies and detrital zircon geochronology of the Permian–Early Jurassic Baker terrane mélangé belt, northeastern Oregon: *Geological Society of America Abstracts with Programs*, Vol. 47, No. 2, p.74.
- (35) Blanton**, C. M., **LaMaskin, T.A.**, Lane, C., McRoberts, C., Moore*, N. O., and Albritton*, C. K., 2015, A new Late Triassic (Norian) marine stable isotope record from western Idaho: a previously unrecognized global OAE? *Geological Society of America Abstracts with Programs*, Vol. 47, No. 2, p.74
- (34) **LaMaskin, T.A.**, and Carson, E., 2014, A Laramide connection between Wyoming and Wisconsin: detrital zircon geochronology of upland conglomerate, upper Mississippi River valley: *Geological Society of America Abstracts with Programs*, Vol. 46, No. 6, p.586.
- (33) Moore, N. O.*, **LaMaskin, T.A.**, and Poulton, T., 2014, Progress report on geologic mapping of Triassic–Jurassic volcanic and sedimentary rocks at Pittsburg Landing, Idaho: a tale of two plates: *Geological Society of America Abstracts with Programs*, Vol. 46, No. 5, p. 17.
- (32) Albritton, C. A. *, **LaMaskin, T.A.**, Lane, C., Orchard, M., McRoberts, C., 2014, Locating the Carnian–Norian boundary in the Martin Bridge Limestone, Blue Mountains Province, Oregon: initial results of conodont biochronology and stable isotope geochemistry: *Geological Society of America Abstracts with Programs*, Vol. 46, No. 5, p. 17.
- (31) Massoll, W. M. *, and **LaMaskin, T.A.**, 2014, Sedimentary provenance of an evolving forearc region: Late Triassic Hurwal Fm., Excelsior Gulch unit, southern Wallowa Mountains, northeastern Oregon: *Geological Society of America Abstracts with Programs*, Vol. 46, No. 5, p. 17.

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- (30) **LaMaskin, T.A.**, Schwartz, J.J., Tikoff, B., Lewis, R.S., 2014, Geology and Geophysics of the Greater Blue Mountains Province, Salmon River Belt, and Western Idaho Shear Zone: Late Paleozoic through Cenozoic Evolution of a Key Location of the Cordilleran Orogen: *Geological Society of America Abstracts with Programs*, Vol. 46, No. 5, p. 14.
- (29) **LaMaskin, T.A.**, Vervoort, J. and Dorsey, R.J., 2013, Crustal growth by tectonic accretion of island arc terranes: radioisotopic provenance of Late Paleozoic–Mesozoic rocks of the Blue Mountains, western United States: *Geological Society of America Abstracts with Programs*, Vol. 45, No. 7, p.441.
- (28) **LaMaskin, T.A.**, 2013, Reassessing terrane boundaries in the Blue Mountains Province of eastern Oregon using detrital zircon U-Pb ages: *Geological Society of America Abstracts with Programs*, Vol. 45, No. 6, p.67.
- (27) Schmidt, K.L., Schwartz, D.M., Lewis, R.S., Vervoort, J.D., **LaMaskin, T.A.**, and Wilford, D.E., 2013, New detrital zircon ages constrain the origin and evolution of the Riggins Group assemblage along the Salmon River Suture Zone, western Idaho: *Geological Society of America Abstracts with Programs*, Vol. 45, No. 6, p.66.
- (26) **LaMaskin, T.A.**, and Christie, G., 2012, Linking terranes to cratons: New provenance and depositional age data for the Early–Middle Jurassic Sailor Canyon Formation overlap assemblage, northern Sierra terrane, CA: *Geological Society of America Abstracts with Programs*, Vol. 44, No. 7, p. 383.
- (25) Christie, G., and **LaMaskin, T.A.**, 2012, Detrital zircon characteristics of the Early Cretaceous Lucky S Formation, Eastern Mesozoic Belt, northeastern California: Implications for depositional age, source terrane(s) and Early Cretaceous paleogeography: *Geological Society of America Abstracts with Programs*, Vol. 44, No. 7 , p. 383.
- (24) **LaMaskin, T.A.**, 2011, Sequential regularity of detrital zircon U-Pb ages in western North American terranes: second-order tectonic control on sediment provenance: *Geological Society of America Abstracts with Programs*, Vol. 43, No. 5 , p. 43.
- (23) **LaMaskin, T.A.**, Dorsey, R.J., and Vervoort, J.D., 2011, Linking the Willowa terrane to North America: latest Jurassic–earliest Cretaceous Coon Hollow Formation, Blue Mountains Province, northeastern Oregon and western Idaho: *Geological Society of America Abstracts with Programs*, Vol. 43, No. 5, p. 646.
- (22) Doebbert, A.C.*, **LaMaskin, T.A.**, Peters, S., Meyers, S.R., and Carroll, A., 2011, A new confidence-limits based method for comparing detrital zircon U-Pb age

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distributions: *Geological Society of America Abstracts with Programs*, Vol. 43, No. 5, p. 443.

- (21) **LaMaskin, T.A.**, 2011, Testing models of late Paleoproterozoic Penokean orogenesis in the Great Lakes Region, U.S.A. using sedimentary provenance: planning the investigation: *Institute on Lake Superior Geology*, Proceedings Volume 57, p. 53–54.
- (20) **LaMaskin, T.A.**, 2010, Detrital-zircon facies of the allocthonous western North American Cordillera: *Geological Society of America Abstracts with Programs*, Vol. 42, No. 5, p. 54.
- (19) **LaMaskin, T.A.**, Dorsey, R.J., and Vervoort, J.V., 2009, Initiation of the Cretaceous, Andean-type margin of the western U.S. Cordillera: insights from detrital-zircon ages of the Coon Hollow Formation, Idaho, U.S.A.: *Geological Society of America Abstracts with Programs*, Vol. 41, No. 7, p. 183.
- (18) Rosenblatt, M.*, Stanley, G., Jr., and **LaMaskin, T.A.**, 2009, Upper Triassic corals and reef-facies from the Blue Mountains Province (Oregon) link the Willowa and Olds Ferry terranes: *Geological Society of America Abstracts with Programs*, Vol. 41, No. 7, p. 209.
- (17) **LaMaskin, T.A.**, Dorsey, R.J., and Vervoort, J., 2009, Invited: Early Mesozoic Paleogeography and Tectonic Evolution of the Western United States: Insights from Detrital Zircon U-Pb Geochronology, Blue Mountains Province, Oregon and Idaho, U.S.A.: *Geological Society of America Abstracts with Programs*, Vol. 41, No. 5, p. 9.
- (16) **LaMaskin, T.A.**, Vervoort, J. and Dorsey, R.J., 2008, Invited: Geochemical, Isotopic and Detrital-Zircon Provenance of Mesozoic Rocks, Oregon and Idaho, U.S.A.: Goldschmidt 2008, Vancouver, B.C., *Geochimica et Cosmochimica*, v. 72, p. A513.
- (15) Dorsey, R.J., **LaMaskin, T.A.**, and Vervoort, J.D., 2008, Sedimentary record of Triassic–Jurassic terrane collision and accretion in the Blue Mountains Province, eastern Oregon: *Geological Society of America Abstracts with Programs*, Vol. 40, No. 1, p. 47.
- (14) **LaMaskin, T.A.**, Dorsey, R.J., and Vervoort, J.D., 2008, Provenance of Mesozoic rocks in eastern Oregon and western Idaho: *Oregon Academy of Sciences*, Portland, Oregon.
- (13) **LaMaskin, T.A.**, Dorsey, R.J., and Vervoort, J.D., 2007, Insights into the Mesozoic

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- Tectonic History of the Blue Mountains Province, Eastern Oregon, from Initial Results of Detrital Zircon Dating (abstr.): Geological Society of America Abstracts with Programs, Vol. 39, No. 6, p. 208.
- (12) Dorsey, R.J., and **LaMaskin, T.A.**, 2007, Collisional-Basin Origin for Jurassic Marine Deposits in The Blue Mountains Province, Northeastern Oregon (abstr.): Geological Society of America Abstracts with Programs, Vol. 39, No. 6, p. 208.
- (11) **LaMaskin, T.A.**, Vervoort, J. and Dorsey, R.J., 2007, Geochemistry of Triassic and Jurassic mudrocks in the Blue Mountains, eastern Oregon: new insights into sedimentary provenance and basin evolution (abstr.): Geological Society of America Abstracts with Programs, Vol. 39, No. 4.
- (10) **LaMaskin, T.A.**, and Dorsey, R.J., 2006, Basinal response to nascent arc-arc collision: Late Triassic–Early Jurassic of the Blue Mountains Province, northeastern Oregon (abstr.): Geological Society of America Abstracts with Programs, Vol. 38, No. 5, p. 36.
- (8) **LaMaskin, T.A.**, 2005, Mixed carbonate-volcaniclastic facies of the Olds Ferry terrane, eastern Oregon and western Idaho (abstr.): Geological Society of America Abstracts with Programs, Vol. 37, No.7, p. 16.
- (7) **LaMaskin, T.A.**, Dorsey, R.J., and Northrup, C.J., 2004, Tectono-Stratigraphic Architecture of Upper Triassic Through Middle Jurassic Strata in Eastern Oregon: Implications for Tectonic Evolution of The Blue Mountains: (abstr.): Geological Society of America Abstracts with Programs, Vol. 36, No. 4, p. 36.
- (6) **LaMaskin, T.A.**, Woodworth, A.D., Spangler, J.H., Welch, M.S., Sergi, S. and Banks, T.L., 2003, Conceptual Site Model Development for an Unlined Solid Waste Landfill in the Virginia Coastal Plain: Evidence for Natural Attenuation of Chlorinated Solvents (abstr.): Geological Society of America Program with Abstracts, Vol. 35, No. 1, p. 3.
- (5) **LaMaskin, T.A.**, and Spencer, J.O., 2003, Subsurface Site Characterization Using the Integration of Multiple Data Platforms: The Whole is Greater Than the Sum of the Parts (abstr.): Geological Society of America Abstracts with Programs, Vol. 35, No. 6, p. 406.
- (4) **LaMaskin, T.A.**, and Elrick, M., 1995, Sequence Stratigraphy of the Middle to Upper Devonian Guilmette Formation, Eastern Nevada: Linked Earth Systems (abstr.): 1995 Society of Economic Paleontologists and Mineralogists Meeting, St. Petersburg, Florida, Vol. 1.

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- (3) **LaMaskin, T.A.**, and Elrick, M., 1994, Facies Relationships and Characterization of Meter-scale, Upward-shallowing Cycles in the Upper Devonian Guilmette Formation, Eastern Great Basin (abstr.): Geological Society of America Abstracts with Programs, Vol. 26, No. 2, p. 65.
- (2) **LaMaskin, T.A.**, Witteman, T.A., and Watts, C.F., 1992, An Introduction to the Rockfall Hazard Rating System (abstr.): Virginia Journal of Science, Vol. 43, p. 264.
- (1) Witteman, T.A., **LaMaskin, T.A.**, and Watts, C.F., 1992, Examples of Applications of the Rockfall Hazard Rating System to Virginia Highways (abstr.): Virginia Journal of Science, Vol. 43, p. 266.

HONORS, SCHOLARSHIPS, & FELLOWSHIPS

- 2008 **Clarence & Lucille Dunbar Scholarship**, University of Oregon, College of Arts and Sciences (\$5,000)
- 2008 **University of Oregon Doctoral Fellowship**, Geological Science Departmental Nominee
- 2004 **Graduate Student Research Award**, University of Oregon Graduate School, (\$500).
- 2006 **Good Citizen Award**, University of Oregon, Dept. Geological Sciences (\$500)
- 2005 **Honorary Membership**, Sigma Xi
- 2005 **Good Citizen Award**, University of Oregon, Dept. Geological Sciences (\$500)
- 2005 **Baldwin Fellowship**, University of Oregon, Dept. Geological Sciences (\$1,400)
- 2004 **Baldwin Fellowship**, University of Oregon, Dept. Geological Sciences (\$900)
- 1994 **Jean-Luc Miossec Memorial Scholarship**, University of New Mexico
- 1993 **Geology Field Alumni Scholarship**, University of New Mexico
- 1993 **Fall Field Conference Scholarship**, Los Alamos Geological Society
- 1992 **B.S. Degree *Cum laude***
- 1992 **Tarr Award** from Sigma Gamma Epsilon, Radford University
- 1992 **General Academic Scholarship**, Radford University

SERVICE

- 2014-current **Ad Hoc reviewer**, National Science Foundation, Directorate for Geosciences, Division of Earth Sciences, Tectonics; Sedimentary Geology and Paleobiology
- 2014-current **Geological Society of America Graduate Student Research Grants Committee**, Member-at-Large.
- 2014: **Field-trip co-leader**, Hells Canyon to the Bitterroot Front: Transect from the Accretionary Margin Eastward across the Idaho Batholith: Geological Society of America Joint Section Meeting, 66th Rocky Mountain Meeting, 110th Cordilleran Meeting, Bozeman, MT.
- 2014: **Invite a Scientist**: New Hanover County Schools: Scientists speak to students to get them excited about STEM careers.
- 2014: **Session Principal Organizer**: T8. Geology and Geophysics of the greater Blue Mountains province, Salmon River suture zone, and western Idaho shear zone: Late Paleozoic through

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- Cenozoic evolution of a key location of the Cordilleran Orogen (POSTERS): Geological Society of America Joint Section Meeting, 66th Rocky Mountain Meeting, 110th Cordilleran Meeting, Bozeman, MT
- 2013-current **Associate Editor**, *Geosphere*, Published by the Geological Society of America, Boulder, CO.
- 2011: **Session Convener**, Sedimentary Provenance and Evolution of the Continental Crust: Precambrian to Present: Geological Society of America Annual Meeting, Minneapolis, MN.
- 2011: **Session Co-Convener**, Tectonic evolution of eastern Oregon and western Idaho: Geological Society of America Annual Meeting, Minneapolis, MN.
- 2010: **Session Co-Convener**, Innovative Techniques and Applications for Detrital Thermo- and Geochronologic Data: Geological Society of America Annual Meeting, Denver, CO.
- 2009: **Field-trip Leader**, Mesozoic Sedimentation, Magmatism, and Tectonics in the Blue Mountains Province, Central Oregon: Geological Society of America Annual Meeting, Portland, OR.
- 2008: **Geology Walking-Tour Leader**: Mt. Pisgah Arboretum Guided Walks, Eugene, OR.
- 2007: **Session Co-Convener**, The Blue Mountains Region of Oregon, Idaho, and Washington: Recent Advances in the Mesozoic and Cenozoic History of an Enigmatic Accretionary Province: Geological Society of America Annual Meeting, Denver, CO.
- 2003: **Participant**, Geological Society of America Position Statement on the Value of Geologic Mapping.
- 2003, 2004 & 2006: **Distinguished Mentor**, Roy J. Shlemon Mentor Program in Applied Geoscience South-Central and Southeastern Section Meetings, Geological Society of America.
- 1993–1994: **Co-President**, Association of Geology Graduate Students; University of New Mexico
- 1994: **Grant Proposal Reviewer**, University of New Mexico Student Resources Allocations Committee
- 1990–1991: **President**, Radford University Geological Society
- 1990–1991: **Vice-President**, Sigma Gamma Epsilon, National Honor Society for Earth Sciences, Epsilon Eta Chapter at Radford University

WORKSHOPS, FIELD FORUMS, & SYMPOSIA

- 2013 (1) **Geological Society of America Field Trip** - *Mélanges, HP Metamorphism, Subduction Accretion and Erosion, Subduction Megathrusts, and Ophiolites: The Franciscan and Related Rocks*, Lead by Dr. John Wakabayashi, California State University, Fresno (with student N. Moore).
- (2) **Carolina Geological Society Field Trip** - *One Arc, Two Arcs, Old Arc, New Arc: A 21st Century Perspective on the Geology of the Carolina Terrane in Central North Carolina*, Lead by Jim Hibbard, Jeff Pollock, Dennis LaPoint, and Patricia Weaver (with students N. Moore, C. Albritton, and W. Massoll).
- (3) **NSF Workshop** - *Bringing Geochronology into the EarthCube framework*: **Invited Participant**, National Science Foundation, Madison, WI.

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- (4) **Geological Society of America Short-course** - *Getting Started in Undergraduate Research for New, Future and Current Faculty*: GSA 2013 Annual Meeting Shortcourse
- (5) **NSF Workshop** - *Engaging the Sedimentary Geology Community in EarthCube*: **Invited Participant**, National Science Foundation, Salt Lake City, UT.
- 2012 (1) **UNCW Workshop** - *Learning to Lead: The Art of Self-Mentoring for Higher Education Faculty*: UNCW Center for Teaching Excellence
- (2) **Geological Society of America Short-course**: *Designing an Effective Field Experience*:
- (3) **Geological Society of America Short-course**: *Active Lectures in Classrooms of All Sizes*:
- 2007 **Geological Society of America Short-course**: *LA-ICP-MS U-Pb and Hf analysis of Zircon*
- 2006 **Geological Society of America Field Forum**: *Tectonic Significance of Vertical Boundaries in the Cordillera*, McCall, Idaho: Lead by Basil Tikhoff and Scott Giorgis
- 2004 **Geological Society of America Field Trip**: *Upper Paleozoic Continental Margin Tectonics of the Western U.S.: Tectonostratigraphic Framework of Nevada: Elko Area*: Combined Cordilleran-Rocky Mountain Section Meeting: Lead by Jim Trexler, Pat Cashman and Walter Snyder
- 2003 **Tobacco Root Geological Society Field Trip**: *Belt Symposium IV*: Salmon, ID
- 2002 **Virginia Geologic Field Conference**: *High-Strain Zones in the Virginia Piedmont*: Lead by Dr. Christopher Bailey, and David Spears
- 2001 (1) **Virginia Geologic Field Conference**: *Post-Impact Deformation Associated with the Chesapeake Bay Impact Structure*: Lead by Dr. Gerald Johnson; (2) **Solid Waste Association of North America Short-course**: *Groundwater & Surface Water Monitoring*, Augusta, Virginia
- 1999 (1) **Virginia Department of Environmental Quality**: *Virginia Brownfields Conference*, Richmond, Virginia
- (2) **Regenesis Inc. Short-course**: *Enhanced Natural Attenuation*, Norfolk, Virginia
- (3) **Environmental Database Resources**: *Due Dilligence at Dawn*, Crystal City, Virginia
- (4) **American Society of Foundation Engineers**: *Risk Management for Project Managers*, Arlington, Virginia
- 1995 **New Mexico Geological Society Annual Field Conference**: *Guadalupe Mtns and Carlsbad Area*
- 1994 **American Association of Petroleum Geologists Field Trip**: *Devonian Alamo Breccia, Nevada*: Lead by Dr. John Warne

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INVITED PRESENTATIONS

Academic Research Talks

- 2015 **Appalachian State University**, Boone, NC
- 2014 **University of Texas at Dallas**, Dallas, Texas
- 2013 **Trinity University**, San Antonio, Texas
Society of Economic Geologists, Tectonics, Terranes, Metallogeny and Discovery in the northern circum-Pacific region, Whistler, British Columbia (*declined*)
- 2012 **East Carolina University**, Greenville, North Carolina
University of North Carolina Chapel Hill, Chapel Hill, North Carolina
- 2010 **University of Wisconsin-Madison**, Madison, Wisconsin
University of Kentucky, Lexington, Kentucky
- 2009 **West Virginia University**, Morgantown, West Virginia
Johns Hopkins University, Baltimore, Maryland
University of Maryland, College Park, Maryland
Geological Society of America Cordilleran Section Meeting, Kelowna, British Columbia
Texas A & M University, College Station, Texas
Boston College, Boston, Massachusetts
Louisiana State University, Baton Rouge, Louisiana
Iowa State University, Ames, Iowa
- 2008 **University of Massachusetts**, Amherst, Massachusetts
Goldschmidt Annual Meeting, Vancouver, British Columbia

General Audience

- 2013 **UNCW**, Center for Innovation and Entrepreneurship, **Invited Presenter**, *Bullet idea to increase research productivity*
UNCW, Board of Trustees & Fall 2013 eTeal Reception, Invited Presenter,
- 2011 **Wednesday Night at the Lab**, Madison, Wisconsin: *Geologic Perspectives on Global Climate Change*
Wisconsin Society of Science Teachers, Portage, Wisconsin: *Great Lakes Geology Underfoot*
- 2008 **University of Oregon**, School of Law, Eugene, Oregon: *Geologic Perspectives on Global Climate Change*
Geological Society of the Oregon Country, Portland, Oregon: *Geologic Evolution of the Blue Mountains Province, eastern Oregon and western Idaho*
- 2007 **Lane Community College**, **Eugene, Oregon**, Eugene, Oregon: *Terranes of the Blue Mountains. Laboratory Exercise*

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- 2006 **Lane Community College, Eugene, Oregon: *Deciphering the Paleozoic & Mesozoic History of the Blue Mountains Region, Oregon and Idaho***
University of Oregon, Dept. of Geological Sciences, Eugene, Oregon: *Tips for Technical Writing as a Consulting Geologist*
- 2005 **University of Oregon, School of Law, Eugene, Oregon: *Assessing Baseline Risk and Remediation Goals at Superfund Sites***
- 2003 **Goochland County Planning Commission, Goochland, Virginia: *Incorporating Groundwater Planning into the County Master Planning Process***
- 2002 **Goochland County Board of Supervisors, Goochland, Virginia: *Groundwater Sources in Goochland County: The Planning Process***