

Andrew K. Laskowski
CV

Department of Earth Sciences
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Education and Training

PhD	Geology	University of Arizona	2016
MS	Geology	University of Arizona	2012
BS	Geology	William and Mary	2010
	Geology Field Camp	William and Mary	2008

Professional Appointments

Assistant Professor, Montana State University	beginning 8/2017
Assistant Research Professor, University of Nevada, Las Vegas	2017
Graduate Research and Teaching Assistant, University of Arizona	2010-2016
NSF-REU Researcher, University of Southern Maine	2009

Research Statement

I am a structural geologist interested in collisional and Cordilleran mountain belts. My research integrates geologic mapping and structural analysis with detrital and igneous U-Pb geochronology, (U-Th)/He thermochronology and metamorphic petrology to reconstruct sequences of magmatism, sedimentation, deformation and metamorphism. I am particularly interested in conducting field-based research to test tectonic models of continental subduction, high-pressure metamorphism and exhumation, synchronous shortening and extension in orogenic belts, and switches between extension and contraction in orogenic hinterlands.

Honors and Awards

Galileo Circle Scholar, University of Arizona, College of Science	2012
High Honors in Undergraduate Research, Charles Center, William and Mary	2010
Academic Excellence Award: Geology, Alumni Association, William and Mary	2010
Eagle Scout, Boy Scouts of America	2003

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Publications

- Laskowski, A.K.**, Kapp, P., Cai, F., in review, The Gangdese Culmination Model: Oligocene—Miocene Duplexing along the India-Asia Suture Zone, Lazi Region, Southern Tibet: *Geological Society of America Bulletin*
- Laskowski, A.K.**, Kapp, P., Ding, L., Campbell, C., and Liu, X., 2017, Tectonic Evolution of the Yarlung Suture Zone, Lopu Range Region, Southern Tibet: *Tectonics*, v. 36, DOI: 10.1002/2016TC004334
- Laskowski, A.K.**, Kapp, P., Vervoort, J.D., and Ding, L., 2016, High-Pressure Tethyan Himalaya rocks along the India-Asia suture zone in southern Tibet: *Lithosphere*, v. 8, no. 5, DOI:10.1130/L544.1
- Orme, D.A., Guenther, W.R., **Laskowski, A.K.**, and Reiners, P.W., 2016, Long-term tectonothermal history of Laramide basement from zircon-He age-eU correlations: *Earth and Planetary Science Letters*, v. 453, p. 119-130, DOI:10.1016/j.epsl.2016.07.046
- Orme, D.A., and **Laskowski, A.K.**, 2016, Basin Analysis of the Albian-Santonian Xigaze forearc, south-central Tibet: *Journal of Sedimentary Research*: v. 86, no. 8, p. 894-918, DOI:10.2110/jsr.2016.59
- Leary, R., Orme, D.A., **Laskowski, A.K.**, DeCelles, P.G., Kapp, P., Carrapa, B., and Dettinger, M., 2016, Along-strike diachroneity in the deposition of the Kailas Formation in central southern Tibet: Implications for Indian slab rollback: *Geosphere*, v. 12, no. 4, DOI:10.1130/GES01325.1
- Cai, F., Ding, L., **Laskowski, A.K.**, Kapp, P., Wang, H., Xu, Q., and Zhang, L., 2016, Late Triassic Paleogeographic Reconstruction along the Neo-Tethyan Ocean Margins, southern Tibet: *Earth and Planetary Science Letters*, v. 435, p. 105-114, DOI:10.1016/j.epsl.2015.12.027
- Cai, F., Ding, L., Yao, W., **Laskowski, A.K.**, Xu, Q., Zhang, J., and Sein, K., 2015, Provenance and tectonic evolution of Lower Paleozoic—Upper Mesozoic strata from Sibumasu Terrane, Myanmar: *Gondwana Research*, DOI: 10.1016/j.gr.2015.03.005
- Laskowski, A.K.**, DeCelles, P.G., and Gehrels, G.E., 2013, Detrital Zircon Geochronology of Cordilleran Retroarc Foreland Basin Strata, western North America: *Tectonics*, v. 32, p. 1027-1048, DOI: 10.1002/tect.20065

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Selected Presentations

- Laskowski, A.K.** and Kapp, P., 2016, Tectonic Evolution of the Yarlung Suture Zone, Lopu Range Region, Southern Tibet: talk at 2016 Structural Geology and Tectonics Forum, Rohnert Park, California.
- Laskowski, A.K.**, and Kapp, P., 2014, Two-phase exhumation of Indian passive margin metasedimentary rocks in the India-Asia suture zone, Lopu Kangri range, south-central Tibet: talk at Linkages and Feedbacks in Orogenic Systems, GSA Penrose Conference, Asheville, North Carolina.
- Laskowski, A.K.**, Hashimoto, K., Swanson, M.T., and Bampton, M., 2010, Precision Digital Mapping of Granitic Dikes with Implications for Intrusive Processes in Transpressional Shear Zones: An Example from Ragged Island, Casco Bay, Maine: GSA Abstracts with Programs, v. 42, no. 1, p. 84.
- Laskowski, A.K.**, Thigpen, R.J., and Bailey, C.M., 2010, 3D Restoration and Strain Analysis, Sugar Hollow, Virginia Blue Ridge: Comparison of Natural Sample Analyses and Midland Valley Move Model Results: GSA Abstracts with Programs, v. 42, no. 1, p. 90.
- Laskowski, A.K.**, Thigpen, R.J., and Bailey, C.M., 2010, 3D Restoration of the Neoproterozoic Sugar Hollow Rift Basin using Strain and Vorticity Analysis, Blue Ridge, central Virginia: GSA Abstracts with Programs, v. 42, no. 1, p. 150.
- Laskowski, A.K.**, Bailey, C.M., Nicholls, O.G., Garber, J., Knieser, B., Lederer, G., and Murray, L., 2009, The Sugar Hollow Basin: A Neoproterozoic Half Graben Complex in the Central Virginia Blue Ridge: GSA Abstracts with Programs, v. 41, no. 1, p. 55.

List of Collaborators

- Chuck Bailey (William and Mary)
- Elizabeth Balgord (Weber State University)
- Fulong Cai (Institute of Tibetan Plateau Research, Chinese Academy of Science)
- Barbara Carrapa (University of Arizona)
- Peter DeCelles (University of Arizona)
- Lin Ding (Institute of Tibetan Plateau Research, Chinese Academy of Science)
- George Gehrels (University of Arizona)
- William Guenther (University of Illinois)
- Ryan Leary (Northern Arizona University)
- Devon Orme (Montana State University)
- Peter Reiners (University of Arizona)
- Mike Taylor (University of Kansas)
- J. Ryan Thigpen (University of Kentucky)
- Jeff Vervoort (Washington State University)

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Michael Wells (University of Nevada, Las Vegas)

Adolph Yonkee (Weber State University)

Liyun Zhang (Institute of Tibetan Plateau Research, Chinese Academy of Science)

Courses Taught

- Teaching assistant at University of Arizona: Structural Geology laboratory, Physical Geology laboratory, Oceanography study session

Service and Outreach

- Field Trip Coordinator for the University of Arizona, Department of Geosciences field trip to Moab, UT in collaboration with ConocoPhillips (2015-2016)
- Session convener (AGU Fall Meeting 2014, 2016; GSA Annual Meeting 2017)
- Reviewer for Journal of the Geological Society, Journal of Metamorphic Geology, and The Mountain Geologist
- Proposal reviewer for National Science Foundation Tectonics and Sedimentary Geology
- Co-chair of the 2013 GeoDaze symposium, University of Arizona, Department of Geosciences (2013)
- Guest speaker for the University of Arizona, Society of Earth Science Students (fall '13, spring '15)
- Mentor Scientist for Arizona Project WET, focusing on field-based riparian zone education for elementary school students (2012)
- Guest speaker at Lawrence Intermediate School (5th grade, 2013) and Tucson Country Day School (fourth grade, 2014)

Professional Affiliations

American Geophysical Union, Geological Society of America, Arizona Geological Society

Media

[The Lopu Range, Tibet with Andrew Laskowski](#): *Traveling Geologist Blog*

[Drew Laskowski '10: Geology Affects the Way People Live on Earth](#): *William and Mary News*

[Basement to Ceiling](#): *William and Mary News*

[Traversing the Colorado Plateau](#): *College of William and Mary, Department of Geology News*