

PAUL KAPP, Professor and Department Head (starting Aug. 17, 2026)

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EDUCATION AND TRAINING:

University of California, Los Angeles	Geology	Ph.D.	2001
University of Arizona	Geology, Geophysics	B.S.	1996
Geophysics Field Camp (SAGE)	Santa Fe, New Mexico		1996
Indiana University	Geology Field Camp		1995

PROFESSIONAL APPOINTMENTS:

Interim Department Head	University of Arizona	2025 - 2026
Professor	University of Arizona	2014 - Present
Associate Professor	University of Arizona	2008 - 2014
Assistant Professor	University of Arizona	2002 - 2008
Guest Professor	Inst. Tibetan Plateau Res., Chinese Acad. Sci.	2004 - Present

RESEARCH STATEMENT:

My expertise is in continental tectonics, regional geology, and structural-stratigraphic analysis. In the field, I conduct geological mapping and structural-stratigraphic analysis. I study rocks ranging from Precambrian to Quaternary in age and from high-grade gneisses to loess. My analytical research focuses on quantifying timing and rates with geochronology and thermochronology. My research interests include the tectonic evolution of orogenic systems, global tectonic processes, eolian processes, and interplays among tectonics, climate, and landscape evolution.

HONORS AND AWARDS:

2011: UA Geosciences Advisory Board's Outstanding Faculty Award

2009: Geological Society of America, Fellow

2008: Geological Society of America Outstanding Young Scientist Award (Donath Medal)

2004: University of Arizona, College of Science Early-Career Teaching Award

PUBLICATIONS (~27k citations, h-index = 75; Google Scholar):

* = advised or co-advised student or postdoc

135. Ma, A., Li, L., Li, G., He, J.J.Y., **Kapp, P.**, Lu, C., Zhang, H., Lin, C., Wang, J.W., Zheng, B., Li, K., and Hu, X., in revision, History of burial, carbonate diagenesis, and exhumation of the Eocene Xianqian Basin in western central Tibet: ***Earth and Planetary Science Letters***.
134. Ma, A., **Kapp, P.**, Hu, X., He, J.J.Y., Li, L., Di, Y. Su, T., Wang, X.-L., Shi, G., Liu, J., and Yin, Q.-Z., in revision, Rapid rise of central Tibetan Qiangtang plateau between 49 and 43 Ma: ***Earth and Planetary Science Letters***.
133. *Caylor, E.A., Carrapa, B., **Kapp, P.**, Muhammad, S.A., and Schaen, A.J., in revision, Stripping the upper crust of the southwestern U.S. during flat-slab subduction: ***Geology***.
132. *Simon, A., **Kapp, P.**, and Wu, C., accepted, Cenozoic wedge tectonics as a crustal thickening mechanism in the eastern Tibetan Plateau: ***Tectonics***.
131. *Wang, J.W., **Kapp, P.**, Holder, R., He, J., Hernández-Urbe, D., and Worthington, J., 2026, Polycyclic metamorphism, exhumation, and recycling of subduction complex rocks, Cedros Island, Baja California: ***Tectonics***, v. 45, e2025TC009340, <https://doi.org/10.1029/2025TC009340>

130. *Basler, L.C., Carrapa, B., **Kapp, P.**, and Ducea, M.N., 2026, Crustal thickness and elevation of the North American Cordillera from the Late Cretaceous to the Early Miocene: **Tectonics**, v. 45, e2025TC009110, <https://doi.org/10.1029/2025TC009110>
129. Ma, A., He, J.J.Y., Hu, X., **Kapp, P.**, Wang, Y., Wang, J.W., Li, L., Liang, W., Wang, X., and Li, K., 2026, Early to middle Eocene (50-43 Ma) Xianqian Basin in central Tibet: Archives of arid paleoenvironments and a southward plateau uplift trend: **GSA Bulletin**, v. 138, p. 1867-1892, <https://doi.org/10.1130/B38437.1>
128. Gehrels, G., *Wang, J., **Kapp, P.**, and Pecha, M., 2025, Sinistral shear zones along the central and southern portions of coastal British Columbia, Canada, in Gordon, S.M., Miller, R.B., Rusmore, M.E., and Tikoff, B., eds., Jurassic-Paleogene Tectonic Evolution of the North American Cordillera: **Geological Society of America Special Paper** 565, [https://doi.org/10.1130/2025.2565\(07\)](https://doi.org/10.1130/2025.2565(07))
127. Metcalf, K., and **Kapp, P.**, 2025, The Tibetan Plateau is covered in wind-blown sand: Implications for detrital provenance studies: **Geology**, v. 54, p. 71-75, <https://doi.org/10.1130/G53981.1>.
126. **Kapp, P.**, Pullen, A., Abell, J.T., and Zhang, L., 2025, Wind erosion in northern China: Insights from the western Qaidam fold belt, Loess Plateau, and Hami Basin: **Earth-Science Reviews**, v. 61, 105037, <https://doi.org/10.1016/j.earscirev.2024.105037>.
125. Liu, L., Zhang, L., Ding, L., **Kapp, P.**, Ducea, M.N., Pullen, A., Xu, X., Zeng, D., Wang, C., Li, J., Xu, F., Yue, Y., Xie, J., Huang, W., 2024, Origin of the Oligocene-Miocene Sailipu ultrapotassic volcanic rocks in southern Tibet: Melting of Asian mantle pyroxenite triggered by eastward tearing of the subducting Indian continental slab: **GSA Bulletin**, <https://doi.org/10.1130/B37714.1>.
124. Li, L., DeCelles, P., **Kapp, P.**, Garzzone, C., Quade, J., and Yanay, N., 2024, Constraining carbonate diagenesis using clumped isotope temperatures and U-Pb dating: A case study and implications for paleoelevation interpretations in western central Tibet: **Geochimica et Cosmochimica Acta**, v. 374, p. 1-14, <https://doi.org/10.1016/j.gca.2024.04.007>.
123. Li, L., Quade, J., Garzzone, C., Defliese, W.F., DeCelles, P., and **Kapp, P.**, 2024, Reliability of micritic carbonates in recording well-preserved isotopic composition and implications for paleoelevation estimates in central Tibet: **Geochimica et Cosmochimica Acta**, v. 375, p. 186-200, <https://doi.org/10.1016/j.gca.2024.04.009>.
122. Sundell, K.E., Laskowski, A.K., Howlett, C., **Kapp, P.**, Ducea, M., Chapman, J.B., and Ding, L., 2023, Episodic Late Cretaceous to Neogene crustal thickness variation in southern Tibet: **Terra Nova**, v. 36, p. 45-42, doi:10.1111/ter.12689.
121. Mallik, A., Rebaza, A.M., **Kapp, P.**, Li, L. Du, Y., Al Shams, A., and Cooperdock, E.H.G., 2023, Metabasic rocks as important nitrogen carriers to forearc depths: Implications for deep nitrogen cycling: **Geochimica et Cosmochimica Acta**, v. 361, p. 265-275, <https://doi.org/10.1016/j.gca.2023.10.007>.
120. Abell, J.T., Winckler, G., Pullen, A., Kinsley, C.W., **Kapp, P.A.**, Middleton, J.L., Pavia, F.J., McGee, D., Ford, H.L., and Raymo, M.E., 2023, Evaluating the drivers of Quaternary dust fluxes to the western North Pacific: East Asian dustiness and Northern Hemisphere gustiness: **Paleoceanography and Paleoclimatology**, v. 38, e2022PA004571, <https://doi.org/10.1029/2022PA004571>.
119. **Kapp, P.**, Jepson, G., Carrapa, B., Schaen, A.J., He, J.J.Y., and Wang, J.W., 2023, Laramide bulldozing of lithosphere beneath the Arizona transition zone, southwestern United States: **Geology**, v. 51, p. 952-956, <https://doi.org/10.1130/G51194.1>.
118. He, J.J.Y.* and **Kapp, P.**, 2023, Basin record of a Miocene lithosphere drip beneath the Colorado Plateau: **Nature Communications**, v. 14, 4433, <https://doi.org/10.1038/s41467-023-40147-7>.

117. Wang, J.W.*, Gehrels, G., **Kapp, P.**, and Sundell, K., 2023, Evidence for regionally continuous Early Cretaceous sinistral shear zones along the western flank of the Coast Mountains, coastal British Columbia: **Geosphere**, v. 19, no. 1, p. 139-162, <https://doi.org/10.1130/GES02502.1>.
116. Ding, L., **Kapp, P.**, Cai, F., Garzzone, C.N., Xiong, Z., Wang, H., and Wang, C., 2022, Timing and mechanisms of Tibetan Plateau uplift: **Nature Reviews: Earth & Environment**, v. 3, p. 652-667, doi:10.1038/s43017-022-00318-4.
115. Jepson, G., Carrapa, B., George, S.W.M., Reeher, L.J., **Kapp, P.A.**, Davis, G.H., Thomson, S.N., Amadori, C., Clinkscales, C., Jones, S., Gleadow, A.J.W., and Kohn, B.P., 2022, Where did the Arizona-plano go? Protracted thinning via upper- to lower-crustal processes: **Journal of Geophysical Research: Solid Earth**, v. 127, doi:10.1029/2021JB023850.
114. Huang, W., Lippert, P.C., Reiners, P.W., Quade, J., **Kapp, P.**, Ganerød, M., Guo, Z., and van Hinsbergen, D.J.J., 2022, Hydrothermal events in the Linzizong Group: Implications for Paleogene exhumation and paleoaltimetry of the southern Tibetan Plateau: **Earth and Planetary Science Letters**, v. 583, doi:10.1016/j.epsl.2022.117390.
113. Jepson, G., Carrapa, B., Gillespie, J., Feng, R., DeCelles, P.G., **Kapp, P.**, Tabor, C.R., and Zhu, J., 2021, Climate as the great equalizer of continental-scale erosion: **Geophysical Research Letters**, v. 48, doi:10.1029/2021GL095008.
112. Sundell, K.E., Laskowski, A.K., **Kapp, P.A.**, Ducea, M.N., and Chapman, J.B., 2021, Jurassic to Neogene quantitative crustal thickness estimates in southern Tibet: **GSA Today**, v. 31, p. 4-10, doi:10.1130/GSATG461A.1.
111. Clinkscales, C.*, **Kapp, P.**, Thomson, S., Wang, H., Laskowski, A., Orme, D.A., and Pullen, A., 2021, Regional exhumation and tectonic history of the Shanxi Rift and Taihangshan, North China: **Tectonics**, v. 40, doi:10.1029/2020TC006416.
110. Chen, Y.*, Wang, C., **Kapp, P.**, Shen, T., Zhang, P., Zhu, C., and Cao, K., 2020, Episodic exhumation and related tectonic controlling during Mesozoic in the Eastern Tian Shan, Xinjiang, northwestern China: **Tectonophysics**, v. 796, doi:10.1016/j.tecto.2020.228647.
109. Abell, J.T., Rahimi, S.R., Pullen, A., Lebo, Z.J., Zhang, D., **Kapp, P.**, Gloege, L., Ridge, S., Nie, J., and Winckler, G., 2020, A quantitative model-based assessment of stony desert landscape evolution in the Hami Basin, China: Implications for Plio-Pleistocene dust production in eastern Asia: **Geophysical Research Letters**, v. 47, doi:10.1029/2020GL090064.
108. Ma, A.*, Hu, X., **Kapp, P.**, Lai, W., Han, Z., and Xue, W., 2020, Mesozoic subduction accretion history in central Tibet constrained from provenance analysis of the Mugangri Subduction Complex in the Bangong-Nujiang suture zone: **Tectonics**, v. 39, doi:10.1029/2020TC006144.
107. Quade, J., Leary, R., Dettinger, M.P., Orme, D., Krupa, A., DeCelles, P.G., Kano, A., Kato, H., Waldrip, R., Huang, W., and **Kapp, P.**, 2020, Resetting Southern Tibet: The serious challenge of obtaining primary records of Palealtimetry: **Global and Planetary Change**, v. 191, doi:10.1016/j.gloplacha.2020.103194.
106. Pullen, A., Banaszynski, M.*, **Kapp, P.**, Thomson, S.N., and Cai, F., 2020, A mid-Cretaceous change from fast to slow exhumation of the western Chinese Altai mountains: A climate driven exhumation signal?: **Journal of Asian Earth Sciences**, v. 197, doi:10.1016/j.jseaes.2020.104387.
105. Clinkscales, C.*, **Kapp, P.**, and Wang, H., 2020, Exhumation history of the north-central Shanxi Rift, North China, revealed by low-temperature thermochronology: **Earth and Planetary Science Letters**, v. 536, doi:10.1016/j.epsl.2020.116146.

104. Ma, A.*, Hu, X., **Kapp, P.**, BouDagher-Fadel, M., and Lai, W., 2020, Pre-Oxfordian (>163 Ma) ophiolite obduction in Central Tibet: **Geophysical Research Letters**, v. 47, doi:10.1029/2019GL086650.
103. Worthington, J.R.*, Ratschbacher, L., Stübner, K., Khan, J., Malz, N., Schneider, S., **Kapp, P.**, Chapman, J.B., Goddard, A.S., Brooks, H.L., Lamadrid, H.M., Steele-MacInnis, M., Rutte, D., Joncheeere, R., Pfänder, J., Hacker, B.R., Oimahmadov, I., and Gadoev, M., 2020, The Alichur dome, South Pamir, western India-Asia collisional zone: detailing the Neogene Shakh dara-Alichur syn-collisional gneiss-dome complex and connection to lithospheric processes: **Tectonics**, v. 39, doi:10.1029/2019TC005735.
102. Abell, J.T., Pullen, A., Lebo, Z.J., **Kapp, P.**, Gloege, L., Metcalf, A.R., Nie, J., and Winckler, G., 2020, A wind-albedo-wind feedback driven by landscape evolution: **Nature Communications**, v. 11, doi:10.1038/s41467-019-13661-w.
101. Clinkscales, C.*, and **Kapp, P.**, 2019, Structural style and kinematics of the Taihang-Luliangshan fold belt, North China: Implications for the Yanshanian orogeny: **Lithosphere**, v. 11, p. 767-783, doi:10.1130/L1096.1.
100. **Kapp, P.**, and DeCelles, P.G., 2019, Mesozoic – Cenozoic geological evolution of the Himalayan-Tibetan orogen and working tectonic hypotheses: **American Journal of Science**, v. 319, p. 159-254, doi:10.2475/03.2019.01.
99. Metcalf, K.*, and **Kapp, P.**, 2019, History of subduction erosion and accretion recorded in the Yarlung Suture Zone, southern Tibet: *in* Treloar, P.J., and Searle, M.P., eds., Himalayan Tectonics: A Modern Synthesis, **Geological Society of London Special Publication 483**, p. 517-554, doi:10.1144/SP483.12.
98. DeCelles, P.G., Leary, R.J., and **Kapp, P.**, 2018, Cenozoic basin evolution in the Indus-Yarlung suture zone and High Himalaya: *in* Ingersoll, R.V., Lawton, T.F., and Graham, S.A., eds., Tectonics, Sedimentary Basins, and Provenance: A Celebration of William R. Dickinson's Career: **Geological Society of America Special Paper 540**, p. 1-34, doi:10.1130/2018.2540(30).
97. He, J.*, **Kapp, P.**, Chapman, J.B.*, DeCelles, P.G., and Carrapa, B., 2019, Structural setting and detrital zircon U-Pb geochronology of Triassic-Cenozoic strata in the eastern Central Pamir, Tajikistan: *in* Treloar, P., and Searle, M.P., eds., Himalayan Tectonics: A Modern Synthesis, **Geological Society of London Special Publication 483**, p. 605-630, doi:10.1144/SP483.11.
96. Ma, A.*, Hu, X., **Kapp, P.**, Han, Z., Lai, W., and BouDagher-Fadel, M., 2018, The disappearance of a Late Jurassic remnant sea in the southern Qiangtang Block (Shamuluo Formation, Najiango area): Implications for the tectonic uplift of central Tibet: **Palaeogeography, Palaeoclimatology, Palaeoecology**, v. 506, p. 30-47, doi:10.1016/j.palaeo.2018.06.005.
95. Pelletier, J.D., **Kapp, P.**, Abell, J.*, Field, J.P., Williams, Z.C., and Dorsey, R., 2018, Controls on yardang development and morphology: 1. Field observations and measurements at Ocotillo Wells, California: **Journal of Geophysical Research: Earth Surface**, v. 123, p. 694-722, doi:10.1002/2017JF004461.
94. Laskowski, A.K.*, **Kapp, P.**, and Cai, F.*, 2018, Gangdese culmination model: Oligocene-Miocene duplexing along the India-Asia suture zone, Lazi region, southern Tibet: **Geological Society of America Bulletin**, v. 130, p. 1355-1376, doi:10.1130/B31834.1.
93. Chapman, J.B.*, Scoggin, S.H., **Kapp, P.**, Carrapa, B., Ducea, M.N., Worthington, J.*, Oimahmadov, I., and Gadoev, M., 2018, Mesozoic to Cenozoic magmatic history of the Pamir: **Earth and Planetary Science Letters**, v. 482, p. 181-192, doi:10.1016/j.epsl.2017.10.041.
92. Chapman, J.B.*, Robinson, A.C., Carrapa, B., Villarreal, D., Worthington, J.*, DeCelles, P.G., **Kapp, P.**, Gadoev, M., Oimahmadov, I., and Gehrels, G., 2018, Cretaceous

- shortening and exhumation history of the South Pamir terrane: **Lithosphere**, v. 10, p. 494-511, doi:10.1130/L691.1.
91. Wang, H.-Q.*, Ding, L., **Kapp, P.**, Cai, F.-L., Clinkscales, C.*, Xu, Q., Yue, Y.-H., Li, S., and Fan, S.-Q., 2018, Earliest Cretaceous accretion of Neo-Tethys oceanic subduction along the Yarlung Zangbo Suture Zone, Sangsang area, southern Tibet: **Tectonophysics**, v. 744, p. 373-389, doi:10.1016/j.tecto.2018.07.024.
 90. Wang, B., Zhai, Y., **Kapp, P.**, de Jong, K., Zhong, L., Liu, H., Ma, Y., Gong, H., and Geng, H., 2018, Accretionary tectonics of back-arc oceanic basins in the South Tianshan: Insights from structural, geochronological, and geochemical studies of the Wuwamen ophiolitic mélange: **Geological Society of America Bulletin**, v. 130, p. 284-306, doi:10.1130/B31397.1.
 89. Chapman, J.B.*, and **Kapp, P.**, 2017, Tibetan magmatism database: **Geochemistry, Geophysics, Geosystems**, v. 18, p. 4229-4234, doi:10.1002/2017TC007217.
 88. Pullen, A., **Kapp, P.**, and Chen, N., 2018, Development of stratigraphically controlled, eolian-modified unconsolidated gravel surfaces and yardang fields in the wind-eroded Hami Basin, northwestern China: **GSA Bulletin**, p. 630-648, doi:10.1130/B31734.1.
 87. Hu, C., Chen, N., **Kapp, P.**, Chen, J., Xiao, A., and Zhao, Y., 2017, Yardang geometries in the Qaidam Basin and their controlling factors: **Geomorphology**, v. 299, p. 142-151, doi:10.1016/j.geomorph.2017.09.029.
 86. Metcalf, K.*, and **Kapp, P.**, 2017, The Yarlung suture mélange, Lopu Range, southern Tibet: Provenance of sandstone blocks and transition from oceanic subduction to continental collision: **Gondwana Research**, v. 48, p. 15-33, doi:10.1016/j.gr.2017.03.002.
 85. Huang, W., Lippert, P.C., Jackson, M.J., Dekkers, M.J., Zhang, Y., Li, J., Guo, Z., **Kapp, P.**, and van Hinsbergen, D.J.J., 2017, Remagnetization of the Paleogene carbonates in the Gamba area of southern Tibet: implications for reconstructing the lower plate in the India-Asia collision: **Journal of Geophysical Research: Solid Earth**, v. 122, doi:10.1002/2016/JB013662.
 84. Laskowski, A.K.*, **Kapp, P.**, Ding, L., Campbell, C.*, and Liu, X.H., 2017, Tectonic evolution of the Yarlung suture zone, Lopu Range region, southern Tibet: **Tectonics**, v. 36, p. 108-136, doi:10.1002/2016TC004334.
 83. Worthington, J.R.*, **Kapp, P.**, Minaev, V., Chapman, J.B.*, Mazdab, F.K., Ducea, M.N., Oimahmadov, I., and Gadeov, M., 2017, Birth, life, and demise of the Andean syn-collisional Gissar arc: Late Paleozoic tectono-magmatic-metamorphic evolution of the southwestern Tian Shan, Tajikistan: **Tectonics**, v. 36, p. 1861-1912, doi:10.1002/2016TC004285.
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 80. 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, p. 574-582, doi:10.1130/L544.1.
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- ages and Hf isotopes of detrital zircons in modern rivers: **Geosphere**, v. 12, doi:10.1130/GES01315.1.
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2. Gehrels, G.E., and **Kapp, P.A.**, 1998, Detrital zircon geochronology and regional correlation of metasedimentary rocks in the Coast Mountains, southeastern Alaska: **Canadian Journal of Earth Sciences**, v. 35, p. 269-279.
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Replies

- Huang, W., Garzanti, E., Moore, T.C., **Kapp, P.**, DeCelles, P.G., and Niu, S., 2024, Continuity of the Sangdanlin Paleocene section and rejection of a large Greater India in the Early Cretaceous: **PNAS**, v. 121, e2402456121, doi:10.1073/pnas/2402456121.
- Huang, W., Lippert, P.C., Reiners, P.W., Quade, J., **Kapp, P.**, Ganerød, M., Guo, Z., and van Hinsbergen, D.J.J., 2023, Reply to comment by Zhao et al. on “Hydrothermal events in the Linzizong Group: Implications for Paleogene exhumation and paleoaltimetry of the southern Tibetan Plateau”: **Earth and Planetary Science Letters**, v. 603, 117973, doi:10.1016/j.epsl.2022.117973.
- Huang, W., Lippert, P.C., Jackson, M.J., Dekkers, M.J., Zhang, Y., Li, J., Guo, Z., **Kapp, P.**, and van Hinsbergen, D.J.J., 2017, Reply to comment by Z. Yi et al. on “Remagnetization of the Paleogene Tibetan Himalayan carbonate rocks in the Gamba area: Implications for reconstructing the lower plate in the India-Asia collision”: **Journal of Geophysical Research: Solid Earth**, doi:10.1002/2017JB014353.
- Zhang, L.-Y., Ding, L., Pullen, A., and **Kapp, P.**, 2015, Reply to comment by W. Liu and B. Xia on “Age and geochemistry of western Hoh-Xil-Songpan-Ganzi granitoids, northern Tibet: Implications for the Mesozoic closure of the Paleo-Tethys ocean”: **Lithos**, v. 212-215, p. 457-461.
- van Hinsbergen, D.J.J., Lippert, P.C., Dupont-Nivet, G., **Kapp, P.**, DeCelles, P.G., and Torsvik, T.H., 2012, Reply to comment by Ali and Aitchison on “Restoration of Cenozoic deformation in Asia, and the size of Greater India”: **Tectonics**, v. 31, TC4007, doi:10.1029/2012TC003144.

Kapp, P., 2001, Blueschist-bearing metamorphic core complexes in the Qiangtang block reveal deep crustal structure of northern Tibet, **Reply: *Geology***, v. 29, p. 91.

Kapp, P., Manning, C.E., and Yin, A., 2001: Blueschist-bearing metamorphic core complexes in the Qiangtang block reveal deep crustal structure of northern Tibet, **Reply: *Geology***, v. 29, p. 664.

ACTIVE GRANTS AND CONTRACTS:

2024-2027 EAR-2346565 Collaborative Research: RUI: Continental-Scale Study of Jura Cretaceous Basins and Melanges Along the Backbone of the North American Cordillera: A Test of Mesozoic Subduction models (Kapp PI; co-PI Gehrels), NSF Tectonics, \$161,467.

2022-2026 EAR-2127229 Collaborative Research: Do subduction-complex metamorphic rocks record the thermal evolution of a subduction zone or periods of anomalous tectonic activity? Baja California (PI, Kapp), NSF Tectonics, \$305,251.

2025-2026 BSF Manifestation of Middle to Late Quaternary climate patterns in the hyper-arid southern Negev through stable and cosmogenic isotope geochemistry of carbonates

GRADUATE DEGREES AWARDED: 9 MS, 11 PhD.

Christopher Clinkscales (PhD, now consulting geologist)

Jerome Guynn (PhD, now at ExxonMobil)

John He (MS, PhD 2024, now Asst. Prof. at UCLA)

Shundong He (MS, now at Chevron)

Andrew Laskowski (PhD 2016, now Assoc. Prof. at Montana State U)

Kathryn Metcalf (MS & PhD, 2018, now Asst. Prof. at CSU Fullerton)

David Pearson (PhD, now Assoc. Prof at U. Idaho)

Alex Pullen (MS & PhD, now Assoc. Prof. at Clemson U)

Alexander Rohrmann (MS, 2009, now Research Scientist at Freie Universitat Berlin)

Abijah Simon (PhD, 2025, UCLA, after initial advising by An Yin '23)

Kelly Umlauf (MS, now at ExxonMobil)

John Volkmer (MS & PhD, now Associate Support Engineer at Acquia)

Ross Waldrip (MS, now instructor at Pima Community College)

Jordan Wang (MS, 2021, PhD, 2025, now Postdoc at UCLA)

James Worthington (PhD, 2017, now Postdoc at UC San Diego)

POSTDOCS ADVISED: Fulong Cai (2015; now professor at ITPR), Peter Lippert (2011-2013; now Assoc. Prof. at U. Utah), Houqi Wang (2016; now professor at ITPR), Liyun Zhang (2015, now professor at ITPR)

VISITING PROFESSORS HOSTED: Ninghua Chen (Zhejiang U, China, 2015), Zhang Bo (Peking U. 2016-2017), Kai Cao (CUG, Wuhan, 2017), Zhihui Cai (Inst. Geology, CAGS, 2019)

VISITING STUDENTS HOSTED: Linglin Zhong (2016-2017 from Nanjing U.), Anlin Ma (August, 2017 and 2018-2019 from Nanjing U.), Yue Chen (2019 from CUG, Wuhan)

CURRENT ADVISEES: Luke Basler (co-advisor with Barbara Carrapa as primary advisor); Emma Boeman (co-advisor with Barbara Carrapa as primary advisor); Will McCraine (co-advisor with Jonny Wu)

COURSES TAUGHT: Structural Geology; Physical Geology; Regional Structural Geology; Regional Tectonics; Geochronology & Thermochronology; Summer geology field camp; various seminars in tectonics.

SERVICE/OUTREACH:

2024-2025: Pursuing the possibility of developing a B.S. dual degree program with China University of Geosciences Beijing, which would bring their students to our department for the last 2 years of their degree.

2024: Co-organizer of special session at GSA Connects, Anaheim

2024: Community workshop organizing committee member: "Miocene Climate Workshop: Exploring New Directions in Miocene Earth System Connections" April 24-26, 2024, Tucson, AZ.

2023: Co-developed a new B.S. degree in Planetary Geoscience at the U. Arizona, offered jointly by the departments of Geosciences and Planetary Sciences.

2021 – 2024: Editorial Board, *Fundamental Research*

2019 – 2021: Editorial Board, *Geology*

2019: Lead Session Organizer (Structural Geology & Tectonics), GSA National Meeting + Session convener

2009 – 2015: Associate Editor, *Tectonics*

2002 – Present: Co-supervisor for undergraduate geology club

2002 – Present: Research advisor for undergraduate students (ranging from 2-6/year). Primary advisor to 8 students (6 Ph.D. and 2 undergraduate) who now hold faculty positions in geoscience.

Public Outreach: (1) Tibet's Rise to the roof of the world, Arizona Daily Star, http://azstarnet.com/news/science/tibet-s-rise-to-roof-of-the-world/article_db8764ed-b8fd-5a20-b80f-42fa81193723.html; (2) Kapp and Guynn (2004, *Geology*) and Kapp et al. (2011, *GSA Today*): highlighted in dozens of media releases (including US News & World Report and NBC News) and KUAT public radio interview; 3) Radio Interview: Robyn Williams (Australia ABC); Kapp et al. (2015; *Geology*) – Science Daily, Nature World News.

PROFESSIONAL AFFILIATIONS:

American Geophysical Union, Arizona Geological Society, Geological Society of America, National Association of Geoscience Teachers, AAAS