

Kristina L. Butler

PEER-REVIEWED PUBLICATIONS

*student mentee

†diversity, equity, inclusion research

[9] **Butler, K.L.**, Horton, B.K., Echarren, A., Folguera, A., Fuentes, F., 2020, Cretaceous-Cenozoic growth of the Patagonian broken foreland basin, Argentina: Chronostratigraphic framework and provenance variations during transitions in Andean subduction dynamics: *Journal of South American Earth Sciences*, v. 97 <https://doi.org/10.1016/j.jsames.2019.102242>

[8] Navarrete, C., Gianni, G., Massaferró, G., **Butler, K.L.**, 2020, The fate of the Farallon slab beneath Patagonia and its links to Cenozoic intraplate magmatism, marine transgressions and topographic uplift: *Earth Science Reviews*, v. 210 <https://doi.org/10.1016/j.earscirev.2020.103379>

[7] Navarrete, C., Hurley, M., **Butler, K.L.**, Liendo, I., Litvak, V., Folguera, A., *in press*, Jurassic volcanism of the Chon Aike silicic LIP in the northeastern Deseado Massif, Patagonia, Argentina: *Journal of South American Earth Sciences* <https://doi.org/10.1016/j.jsames.2020.102886>

[6] Gianni G.M., Likerman, J., Echarren, A., Navarrete, C., **Butler, K.L.**, Folguera, A., *in press*, Antepaís fragmentado Patagónico: Control estructural previo, mecanismos de deformación y sedimentación sintectónica. In: Giacosa et al. (Eds.), *Relatorio y recursos naturales de la Provincia de Chubut*. Congreso Geológico Argentino 2021, Puerto Madryn, Chubut.

[5] *Fernandes, A. M., Abeyta, A., Mahon, R. C., Martindale, R., Bergmann, K. D., Jackson, C. A., Present, T., Reano, D., Sawnsón, T., **Butler, K.L.**, Brisson, S., Mohrig, D., Johnson, C., 2020, “Enriching Lives within Sedimentary Geology”: Evaluating SEPM’s Role in Diversity, Equity, and Inclusion. <https://doi.org/10.31223/osf.io/y7v9e> [PDF]

[4] Gonzalez, M., Clavel, F., Christiansen, R., Gianni, G.M., Klinger, F.L., Martinez, P., **Butler, K.L.**, Suriano, J., Mardonez, D., and Diaz, M., 2020, The Inglesia basin in the southern Central Andes: A record of backarc extension before wedgetop deposition in a foreland basin: *Tectonophysics*, v., 792 <https://doi.org/10.1016/j.tecto.2020.228590>

[3] Navarrete, C., **Butler, K.L.**, Hurley, M., and Márquez, M., 2020, An early Jurassic graben caldera of Chon Aike silicic LIP at the southernmost massif of the world: The

Deseado caldera, Patagonia, Argentina: Journal of South American Earth Sciences, v. 101 <https://doi.org/10.1016/j.jsames.2020.102626>

[2] Folguera, A., Fernández Paz, L., Iannelli, S., Navarrete, C., Echaurren, A., Gianni, G., **Butler, K.L.**, Horton, B.K., Litvak, V., Encinas, A., Orts, D., 2020, The origin of the San Jorge Gulf Basin in the context of the Mesozoic-Cenozoic evolution of Patagonia: Journal of South American Earth Sciences, v. 97 <https://doi.org/10.1016/j.jsames.2019.102422>

[1] Gianni, G.M., Navarrete, C., Echaurren, A., Díaz, M., **Butler, K.L.**, Horton, B.K., Encinas, A., Folguera, A., 2020, Northward propagation of Andean genesis: Insights from Early Cretaceous synorogenic deposits in the Aysén-Río Mayo basin: Gondwana Research, v. 77, p. 238-259 <https://doi.org/10.1016/j.gr.2019.07.014>