

## Publications

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- Rowe, C. D., Ross, C., Swanson, M. T., Pollock, S., Backeberg, N. R., Barshi, N. A., ... & Harrichhausen, N., 2018. Geometric complexity of earthquake rupture surfaces preserved in pseudotachylite networks. *Journal of Geophysical Research: Solid Earth*.
- Rasmussen, C., Stockli, D.F., Ross, C.H., Pickersgill, A., Gulick, S.P., Schmieder, M., Christeson, G.L., Wittmann, A., Kring, D.A., Morgan, J.V. and IODP 364 Science Party, 2019. U-Pb memory behavior in Chicxulub's peak ring—Applying U-Pb depth profiling to shocked zircon. *Chemical Geology*.
- Jiang, H., Lee, C. T. A., Morgan, J. K., & Ross, C. H., 2015. Geochemistry and thermodynamics of an earthquake: A case study of pseudotachylites within mylonitic granitoid: *Earth and Planetary Science Letters*, v. 430, 235-248.

### *In preparation:*

- Ross, C., Rasmussen, C. Stockli, D., Gulick, S.P... & IODP 364 Science Party (2019). Geochronologic Constraints on Carboniferous Arc Magmatism in the Chicxulub Impact Crater. In prep for *EPSL*.