

Peer reviewed publications

- Roberts, N. M.**, B. Tikoff, J. R. Davis, and T. Stetson-Lee (2018), The utility of statistical analysis in structural geology, *Journal of Structural Geology (in Press)*.
- Tikoff, B., J. Newman, V. Chatzaras, **N. M. Roberts** (2018), Big data in microstructure analysis: Building a universal orientation system for thin sections, *Journal of Structural Geology (in Press)*.

Conference presentations

- Roberts, N. M.**, C. Idzikowski, R. Key, B. Tikoff (2018), A Kinematic Record of Progressive Emplacement of the 3.47-3.23 Ga Mt Edgar Granitic Complex, East Pilbara Craton, Western Australia, *American Geophysical Union Fall 2018*, Poster.
- Roberts, N. M.**, and B. Tikoff (2017), Dome-side-up sense of shear and uniform magnetic fabrics in the Mt Edgar dome, East Pilbara craton, Western Australia, *The specialist group in tectonics and structural geology biannual workshop, Denmark, Australia*. Oral presentation.
- Tikoff, B., **N. M. Roberts**, V. Chatzaras, J. Newman, J. D. Walker, Randolph Williams (2017), The StraboSpot digital data system for field and microstructural data: Application to the Mt Edgar dome, Pilbara Craton, *Poster, The specialist group in tectonics and structural geology biannual workshop, Denmark, Australia*. Poster.
- Roberts, N.**, J. R. Davis, S. J. Titus, and B. Tikoff (2015), Harnessing Multivariate Statistics for Ellipsoidal Data in Structural Geology, in *American Geophysical Union Fall 2015 Meeting*, Poster.
- Davidson, C., J. Garver, and **N. Roberts** (2013), Hf isotope signatures of detrital Precambrian zircon suggest a southern Laurentian source for the Upper Cretaceous flysch of the Chugach-Prince William terrane, Alaska, in *2013 GSA Annual Meeting in Denver*, Poster.
- Roberts, N.**, C. Davidson, J. Garver (2013), Provenance of the Chugach-Prince William Terrain, Alaska using U-Pb and Hf isotopes, *Talk at the 2013 North American Cordillera Workshop, Kingston, Canada*, Oral presentation.