STANFORD ADVISORS

- Reinhold Dauskardt, Postdoctoral Faculty Sponsor
- Reinhold Dauskardt, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- "Direct evidence of interfacial crystallization preventing weld formation during fused filament fabrication of poly(ether ether ketone)" *Additive Manufacturing* 2022; 51.
- "Best practices and recommendations for accurate nanomechanical characterization of heterogeneous polymer systems with atomic force microscopy" *Progress in Polymer Science* 2021; 119.
- "Distribution of rubber particles in the weld zone of fused filament fabricated acrylonitrile butadiene styrene and the impact on weld strength" *Additive Manufacturing* 2021; 41.
- "Temperature effects on the nanoindentation characterization of stiffness gradients in confined polymers" *Soft Matter*.

Bio

**David Collinson**
Postdoctoral Scholar, Materials Science and Engineering
2019; 15 (3): 359-370

- AFM-based Dynamic Scanning Indentation (DSI) Method for Fast, High-resolution Spatial Mapping of Local Viscoelastic Properties in Soft Materials *MACROMOLECULES*
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