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Dr. Bruno Azeredo is the Fulton Development Associate Professor in the [School of Manufacturing Systems and Networks](#) at Arizona State University where he currently serves as Assistant Director of the Manufacturing Innovation Labs. He is also a member of the graduate faculty in Manufacturing, Mechanical, and Materials Engineering. Prior to joining ASU, Dr. Azeredo earned his B.S. in engineering mechanics in 2010, M.S. in theoretical and applied mechanics in 2013, and Ph.D. in mechanical engineering in 2016, all from the University of Illinois at Urbana-Champaign. His research focuses on scalable nanomaterial synthesis and its size-dependent properties with an eye at exploiting them in the production of multi-scale and multi-material structures.

He has graduated 9 MS and 4 PhD students, co-authored +25 journal articles and patents, delivered 18 invited talks, and serves on various roles at ASME's Manufacturing Engineering Division, SME's NAMRC Scientific Committee and the Materials Research Society. He is an associate editor for ASME's Journal of Manufacturing Science and Engineering, and member of the editorial advisory board for npj Advanced Manufacturing. For his contributions to scalable nanomanufacturing, he is recipient of awards such as the 2018 Bisgrove Scholars Award from the Science Foundation Arizona, the 2020 National Science Foundation CAREER award, the 2022 SME Sandra L. Bouckley Outstanding Young Manufacturing Engineer Award and the 2023 US Frontiers of Engineering Symposium Participant, National Academy of Engineering (USA).