



Jason Sebastian, Ph.D.

Executive Vice President, Market Operations
QuesTek Innovations LLC

As EVP of QuesTek Innovations LLC, Jason T. Sebastian, Ph.D., is focused on overall company growth and management, and on the entire spectrum of commercial- and government-sponsored alloy modeling, development and deployment activities. Since Jason joined QuesTek in 2006, his technical activities have focused on the development of high strength steels for structural and power transmission applications; precipitation-strengthened cobalt-based alloys; alloys for additive manufacturing; non-toxic, high-strength/low-friction copper-based alloys to replace lead-containing bronzes; a low-cost, castable titanium alloy; a highly-processable nickel-based superalloy; advanced soft magnetic alloys; and other computationally-designed alloys.

Jason is a summa cum laude graduate of the University of Illinois at Urbana-Champaign where he earned a B.S. in Ceramic Engineering and a B.A. in Philosophy. After a year of postgraduate study at Cambridge University (Churchill College) with the support of a Winston Churchill Foundation Scholarship, he went on to earn a Ph.D. in Materials Science and Engineering from Northwestern University under the supervision of Prof. David Seidman and with the support of a Department of Defense National Defense Science and Engineering Graduate Fellowship.

Professional Associations

- Member – External Scientific Advisory Board, Center for Complex and Active Materials (CCAM), **UC Irvine**
- Member – Board of Directors, Advanced Casting Research Center (ACRC), **UC Irvine**
- Chair – Scientific Advisory Committee, AT SCALE, **Pacific Northwest National Laboratory**
- Member, Board of Trustees, **ASM International (2018-2021)**
- Chair, Chicago Regional Chapter, **ASM International (2016-2017)**