



Dr. Michael Rook

BAAAS

Office of the Director

Office of International Science & Engineering

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Michael is joining NSF as a AAAS Science and Technology Policy fellow in the Office of International Science and Engineering. Michael is a trained learning scientist. He has strong interests in the connections between education, human-centered design, and international science. Michael has worked on developing innovative pedagogy for higher education, designing and developing learning technologies, and teaching K-12 and higher education. Michael has taught K-12th grade computer science, mathematics, and music courses, as well as graduate-level courses on disruptive technologies in teaching and learning, and design thinking in the development of learning technologies. Some of his prior research has included studying the phenomenon of peer technological support in a prospective teacher professional development school, understanding the rationale behind the design of learning spaces, and building computational flexibility at the K-12 level to enable students to have the capacity to enter an increasingly digital STEM workforce. Prior to coming to NSF, Michael was the Postdoctoral Scholar in the Krause Innovation Studio at the Pennsylvania State University.