



Dr. Emily Aurand

AAAS Fellow

Division of Chemical, Bioengineering, Environmental, and Transport System

Directorate for Engineering

Class of 2016-2017

Emily Aurand joins NSF as a 2016-2017 AAAS Science and Technology Policy Fellow in the Chemical, Bioengineering, Environmental, and Transport Systems Division of the Directorate for Engineering. During her fellowship, she is working with the BIO cluster to assist in the development of research directions and integration of cross-agency policy groups on engineering biology and advanced bio-manufacturing. Prior to joining the fellowship program, Emily was a post-doctoral researcher at the International School for Advanced Studies in Trieste, Italy, working primarily on in vivo characterization of nanomaterials with the central nervous system. She holds a Ph.D. in Neuroscience from the University of Colorado - Anschutz Medical Campus, with a focus on bioengineered materials for neural tissue engineering, and a B.S. in Biomedical Sciences from Colorado State University. She is an advocate for cross-disciplinary research and for the recruitment and retention of women in STEM fields. Outside of her job, she enjoys yoga and hiking, and considers herself a part-time foodie and a full-time animal lover.