



**Dr. Daphney Jean**

AAAS Fellow

Directorate for Engineering  
Division of Engineering Education &  
Centers Class of 2014-2015

Daphney Jean, current AAAS fellow, will be working under the guidance of Donna Riley in the Engineering Education and Centers division of the Directorate for Engineering at NSF. Daphney pursued her doctoral studies in neuroscience at Drexel University focusing on the cellular role of a neurodevelopmental protein known as Doublecortin. During her graduate training, Daphney spent some of her free time volunteering at an afterschool program where she tutored elementary school children in various subjects including math and grammar. Upon graduating, Daphney earned a post-doctoral training fellowship that supported her work at Drexel to develop a cellular model of Alzheimer's disease and explore potential therapeutic target that could prevent or treat this neurodegenerative disorder. As a post-doc, Daphney was highly engaged in efforts that sought to enhance the professional training experience of both students and post-docs. To that end, she co-chaired the Drexel Post-doctoral Association committee where she planned and organized professional events that brought Drexel's post-doc community together. She also served on the "careers beyond the bench" committee to help organize a one day event that provided students and post-docs the opportunity to explore various career options outside of academia. Daphney aspires to work for a non-profit scientific organization, thus, she hopes to develop her professional skills while learning about the process of grant management during this fellowship year.