



Joseph Bonivel

Joseph Bonivel, Jr. '10 Awarded AAAS Fellowship

Joseph Bonivel, Jr., Ph.D. '10, has been awarded a prestigious AAAS Science & Technology Policy Fellowship. For one year beginning in August, he will work for the U.S. Agency for International Development (USAID)'s Global Development Lab, as a Big Data & Analytics (BD&A) Specialist in Washington, DC. The aim of the AAAS Science & Technology Policy Fellowship program is to foster scientifically informed, evidence-based policy and practice by involving scientists and engineers from a broad range of disciplines, backgrounds and career stages, and to build leadership for a strong S&T enterprise that benefits all people. Fellows use their knowledge and analytical skills while learning first-hand about policymaking and implementation at the federal level.

Since its founding in 1973, the AAAS Science & Technology Policy Fellowships have established a strong reputation for the expertise the fellows bring to policymaking. The program has sent more than 2300 early-through late-career scientists and engineers to work for one to two years in Congress and executive branch departments and agencies. Scores have stayed on to build high-impact careers in government, while others have gone on to leadership positions in education, private enterprise, and non-governmental organizations.

During his AAAS fellowship tenure, Bonivel will be granted a sabbatical from his position as a Senior Research Engineer at United Technologies Research Center (UTRC) in Connecticut. He has been involved in outreach during the National Society of Black Engineers (NSBE) Annual National Conference, and with ManyMentors, a federally registered 501(c)(3) not-for-profit organization focused on K-12 STEM mentoring. Bonivel was recently profiled in *Black Enterprise Magazine*.

Bonivel earned his Ph.D. in Engineering Science in the area of Materials Science within the Department of Mechanical Engineering. His major professor was Ashok Kumar, professor in the Department of Mechanical Engineering. Previously, he received both a B.S. and M.S. from the University of South Carolina-Columbia, and a M.S. in Materials Science from Carnegie-Mellon University. During his doctoral program, Bonivel was supported by the NSF GK-12 STARS

fellowship, NSF Florida-Georgia Louis Stokes Alliance for Minority Participation (FGLSAMP) activity, and Alfred P. Sloan Foundation Minority PhD program.

[AAAS Science & Technology Policy Fellowship Program](#)

[Black Enterprise Magazine](#)