11-week program stipend = $4000 Full time summer job

This talented team of student field researchers will:
• Participate in extensive field, lab work, career & grad school prep
• Collaboratively examine the ecotoxicology of microplastics in the Potomac River watershed by examining the effects on aquatic organisms, mechanisms of fragmentation, and vectors.

Students experience ALL, but will specialize in ONE research area:
• Molecular Biology: use PCR and sequencing methods to characterize bacteria on microplastics
• Experimental Aquatic Ecology: examine the uptake and resulting residues of microplastics in macroinvertebrates feeding on microbial biofilms containing plastics
• Environmental Chemistry: use advanced analytical methods to quantify persistent organic pollutants on microplastics (LC/MS) and characterize microplastic fragmentation (micro-FTIR, SEM, and static laser light scattering–SLS)

6 positions, working in the above 3 teams. Please note your interest in your cover letter.

Questions? Contact: Dr. Amy Fowler afowler6@gmu.edu or Dr. Benoit van Aken bvanaken@gmu.edu

Applications due March 15, 2020
To apply visit https://careers.gmu.edu/handshake
Handshake position: 3553336
Successful applicants will be paired with a faculty mentor and be based at the Potomac Science Center.