NASA Workshop for Community College STEM faculty
Sep 22-26, 2014

➔ Workshop at BMCC* on pedagogy & implementing a Methods of Science Research course to:
  ➔ Improve STEM recruitment & retention
  ➔ Engage & retain underrepresented students
  ➔ Prepare students for summer research internships

➔ Faculty fellowships for full workshop participation
➔ Travel grants available
➔ Space is limited! Apply today: paglione@york.cuny.edu

The best way to recruit & retain minority STEM students is to engage them in real research, but most first and second year college students require more preparation for research. We implemented a Methods of Science Research course, which has improved STEM retention, to help students build these required competencies. Key skills developed include scientific, analogical, and proportional reasoning; basic computer skills (rudimentary programming and troubleshooting); and general research skills such as data quality judgment, fundamental data analysis, and statistics. Professional development workshops train CC faculty in the techniques and philosophy of the MSR, enabling them to institute it on their campuses. Participants are expected to leave with a local implementation plan besides the MSR techniques, knowledge, philosophy, and inspiration.

* Borough of Manhattan Community College, City University of New York