“In the end, it’s the support the younger generation gets from us more ‘mature’ humans that will not only make a difference in their lives, but also in the world we all live in.” L. Lagos

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PROGRAM OVERVIEW
The DOE-FIU Science and Technology Workforce Development Program is designed to build upon the existing DOE-FIU relationship by creating a “pipeline” of minority scientists and engineers specifically trained and mentored to enter the DOE workforce in technical areas of need.

The main objective of the program is to provide interested students with a unique opportunity to integrate coursework, Department of Energy field work, and applied research at FIU into a well structured academic program that can potentially lead to entry into the Department of Energy’s workforce, or employment opportunities with DOE national laboratories or DOE contractors.

MAJOR ACCOMPLISHMENTS
- 120 FIU STEM minority students inducted as DOE Fellows since program inception in 2007.
- 8 DOE Fellows hired by DOE EM HQ (3), DOE national research laboratories (2), and private contractors for EM (3).
- 13 Fellows hired by other federal, state or local governments including: DoD, NASA, Dept. of Commerce, Florida Dept. of Environmental Protection, DERMA, Dept. of the Navy (NAVSEA).
- Over 56 DOE Fellows graduated FIU with BS or MS degrees and obtained employment in STEM industry. Hiring rate for DOE Fellows is over 99%.
- 95 internships completed at DOE sites and national labs (SRS, ORNL, DOE-ORO, PNNL, LLNL, Idaho and Hanford), DOE-HQ, and DOE contractors.
- Over 142 student presentations given at Waste Management Symposia (2008-2015), American Nuclear Society (ANS) and other conferences.
- Waste Management Symposia Best Student Posters awarded to DOE Fellows at WM15, WM14, WM11, WM10, and WM09. Best Overall Professional Poster awarded to a DOE Fellow at WM09.
- 45 Fellows have obtained or are currently pursuing Master’s or PhD degrees at FIU and other universities, including MIT, Michigan, Purdue, Stanford, Virginia Tech, U. of Tennessee, U. of S. Florida, and other institutions.
- Established the first American Nuclear Society (ANS) student chapter at FIU in January 2016.
- DOE Fellow selected to conduct a one-year internship at the International Atomic Energy Agency in Vienna, Austria starting Spring 2016.

DOE FELLOWS STEM DISCIPLINES
- Biomedical Engineering
- Civil/Structural Engineering
- Construction Engineering
- Environmental Engineering
- Environmental Sciences
- Electrical/Computer Engineering
- Industrial Engineering
- Mechanical Engineering
- Physics/Chemistry/Math/IT Majors

PROGRAM COMPONENTS
- 2-4 year developmental and mentoring program
- Hands on work and research experience
- Paid 10-week summer internships at DOE sites, national laboratories and contractors under the supervision of DOE scientists and engineers
- Assigned ARC scientists/engineers as mentors
- Tuition waiver for graduate students (Masters/PhDs)
- Paid 20-hour/week student research assistantship at ARC during the school year

DOE Fellow conducting research in the Analytical Laboratory