

APR13-2013-020100

Abstract for an Invited Paper
for the APR13 Meeting of
the American Physical Society

DOE's Minority Serving Institutions Partnership Program: Building a Sustainable Pipeline

DIMITRI KUSNEZOV, Chief Scientist, National Nuclear Security Administration, Washington DC

We set out to build a sustainable pipeline between the Department of Energy sites and Minority Serving Institutions in areas of Science, Technology, Engineering, and Mathematics (STEM), starting this year with Historically Black Colleges and Universities. The program is built around the concept of sustainability. This program is targeted at the intersection of DOE site interests and MSI goals. It will be sufficiently flexible in its organization to reflect the unique regional priorities that Universities have in faculty research and developing STEM disciplines and skills, and DOE site targets for research and critical skill development. The main elements of the consortium approach will be outlined, from K-12, MSIs, DOE sites and Industrial partners, together with the potential metrics for measuring progress.