

Abstract for an Invited Paper  
for the APR12 Meeting of  
The American Physical Society

**Nicholson Medal for Human Outreach Lecture: Increasing Diversity in Physics<sup>1</sup>**

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Two initiatives designed to increase diversity in physics, astronomy, and related fields will be described. First, the programs of the National Society of Hispanic Physicists (NSHP), including its partnership with the Society for the Advancement of Chicanos and Native Americans (SACNAS) and with the National Society of Black Physicists (NSBP) as well as others will be presented as well as a summary of the outcome of a recent planning meeting supported by the American Physical Society. The basic ingredients of the Fisk/Vanderbilt Master's to PhD Bridge Program will be presented. The program has made Fisk University the number one producer of Master's degrees in physics to African Americans, and Vanderbilt University the number one producer of PhD degrees in physics, astronomy, and materials science to African American students and soon to become the number one producer of PhD degrees in these areas to Hispanic students. Members are being sought for NSHP and partner institutions for the Bridge program.

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