African Americans in Physics

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Physics / STEM Bachelor Degrees

Source: IPEDS Completion Survey

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9-10% of BS degrees in physics are granted to underrepresented minorities.

52 PhDs awarded to minorities in 2010.

Sources: IPEDS Completion survey by race, US Census.
Fraction of Female African American Physics Majors by Institution Type

Source: IPEDS

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Percentage of African American Physics Majors from HBCUs

Source: IPEDS
Source: ETS, "Factors that can influence performance on the GRE General Test 2006-2007"

GRE Quantitative scores for US Citizens

Source: ETS, "Factors that can influence performance on the GRE General Test 2006-2007"

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27 – 29 June, American Center for Physics

• Bridge students, current a prospective bridge sites, interested faculty, researchers, NSF program officers

• Jim Duderstadt (former president of the University of Michigan)

• Logistics of running project components

• Larger issues surrounding minority participation in physics (admissions, GRE, mentoring, Implicit Bias, Stereotype Threat, etc.)

• Registration: apsbridgeprogram.org/conferences/
Getting Involved

• **Member Institution** (any institution)
  Free; receive information / updates; reduced fees for APS-BP conferences

• **Partnership Site** (Doctoral granting institutions)
  APS COM approval process; recommended site for Bridge Fellows (and others) to attend; demonstrate effective practices in graduate student support

• **Bridge Site** (MS or PhD granting)
  Receive significant funding from APS; build sustainable program; prepare 2+ students each year for graduate study; significant institutional commitment

[www.APSBridgeProgram.org](http://www.APSBridgeProgram.org)
Student Eligibility

• Bachelor’s degree in physics or closely related discipline

• US citizen or permanent resident

• Either:
  • Did not apply to graduate program this year
  • Applied but was not accepted

• Be committed to improving diversity in physics

• Meet individual requirements of the institution

Students may not be currently enrolled or have an existing physics graduate degree