

Funding Opportunities to Increase Diversity

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NIH:

Advisory Committee to the Director Working Group on Diversity in the Biomedical Research Workforce

■ Report (6/13/12)

- <http://acd.od.nih.gov/Diversity%20in%20the%20Biomedical%20Research%20Workforce%20Report.pdf>

■ Executive Summary

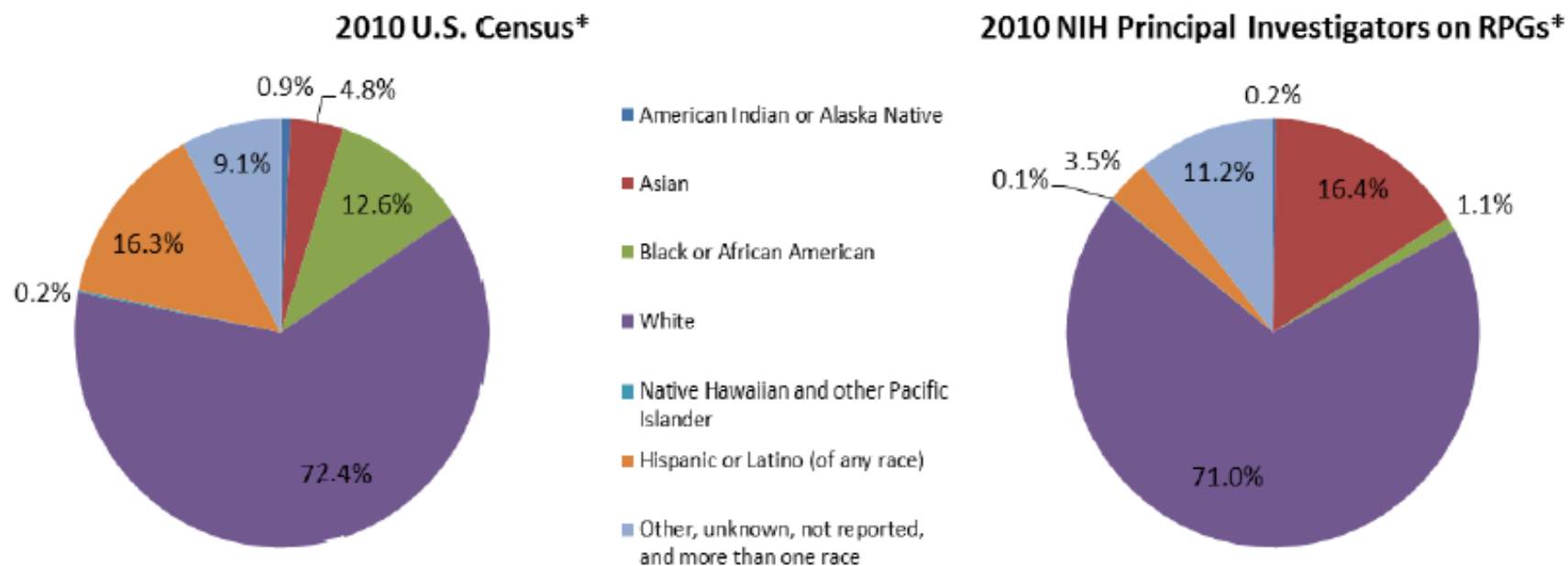
- http://acd.od.nih.gov/06142012_DBR_ExecSummary.pdf

NIH: WGDBRW Draft Report

13 recommendations (5 broad areas)

- Data Collection/Evaluation
- Mentoring/Career Preparation and Retention
- Institutional support
- Bias - related research and intervention testing
- NIH diversity strategy and infrastructure

Figure 1: Race and Ethnicity of the 2010 U.S. Population and the 2010 NIH Principal Investigators on RPGs

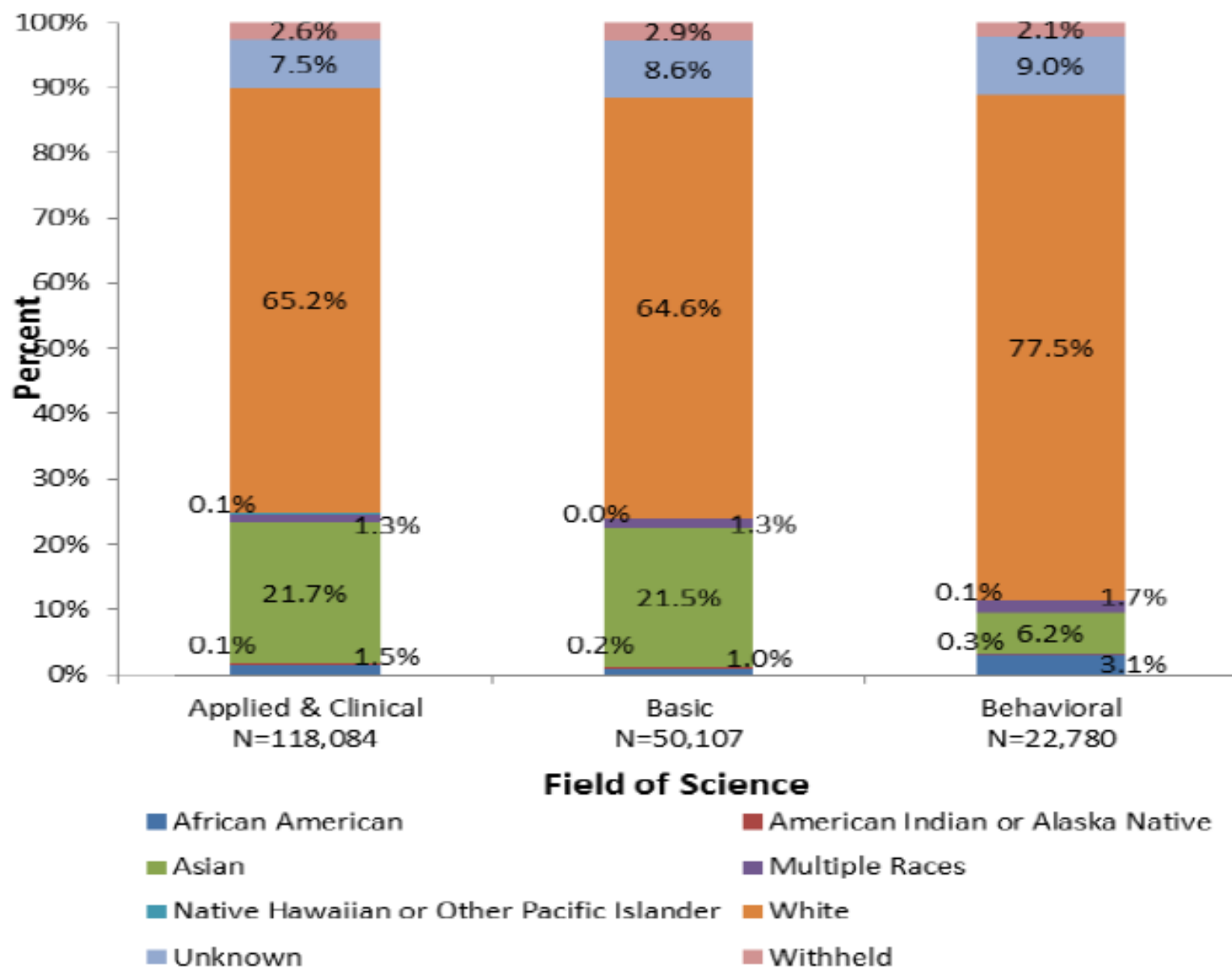


2010 U.S. Census Bureau Report, <http://2010.census.gov/2010census/data/2010> (left)

NIH Principal Investigators on RPGs, NIH IMPAC II (right)

*Total percentage is over 100 because those identified as Hispanic/Latino may also have identified as other races. PI information collected by NIH includes the option for an applicant to signify both race and ethnicity.

Figure 3: Distribution of Type 1 CSR Reviewed RPG Applications by Field of Science and Race of PI: Fiscal Years 2000 -2010

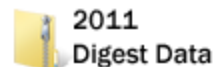
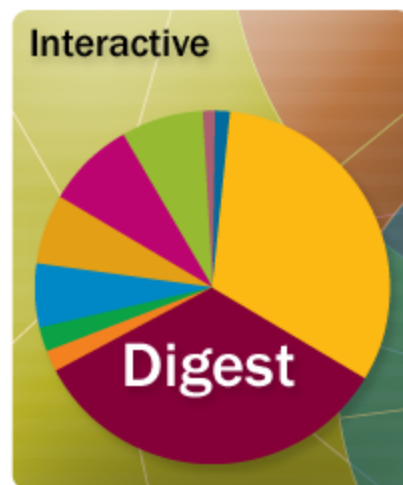


Women, Minorities, and Persons with Disabilities in Science and Engineering

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Women, Minorities, and Persons with Disabilities in Science and Engineering provides statistical information about the participation of women, minorities, and persons with disabilities in science and engineering education and employment. A formal report, now in the form of a digest, is issued every 2 years.

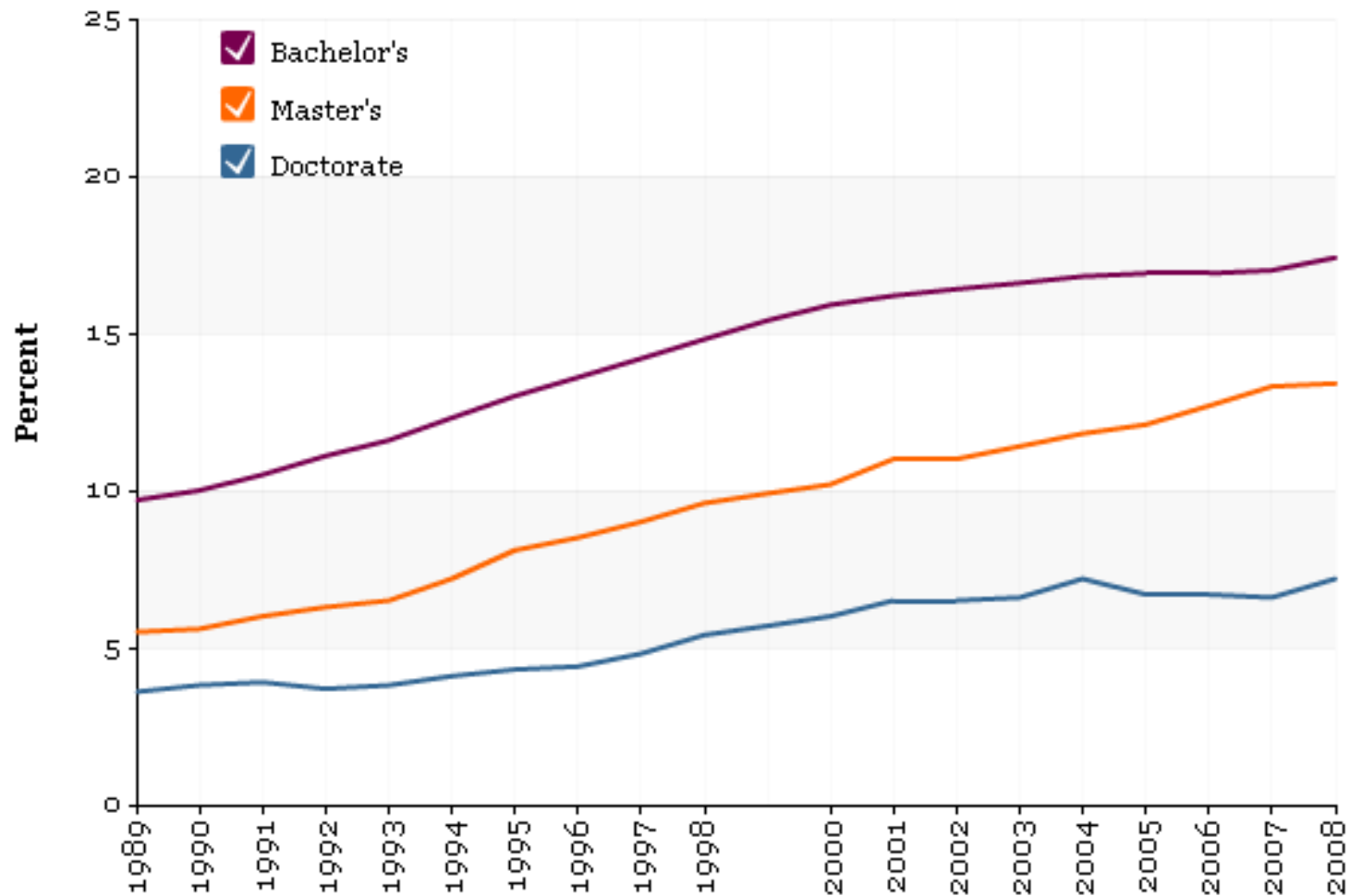


How do I...

<http://www.nsf.gov/statistics/wmpd/start.cfm>

Science and engineering degrees earned by underrepresented minorities: 1989–2008

View: [Chart](#) | [Table](#)

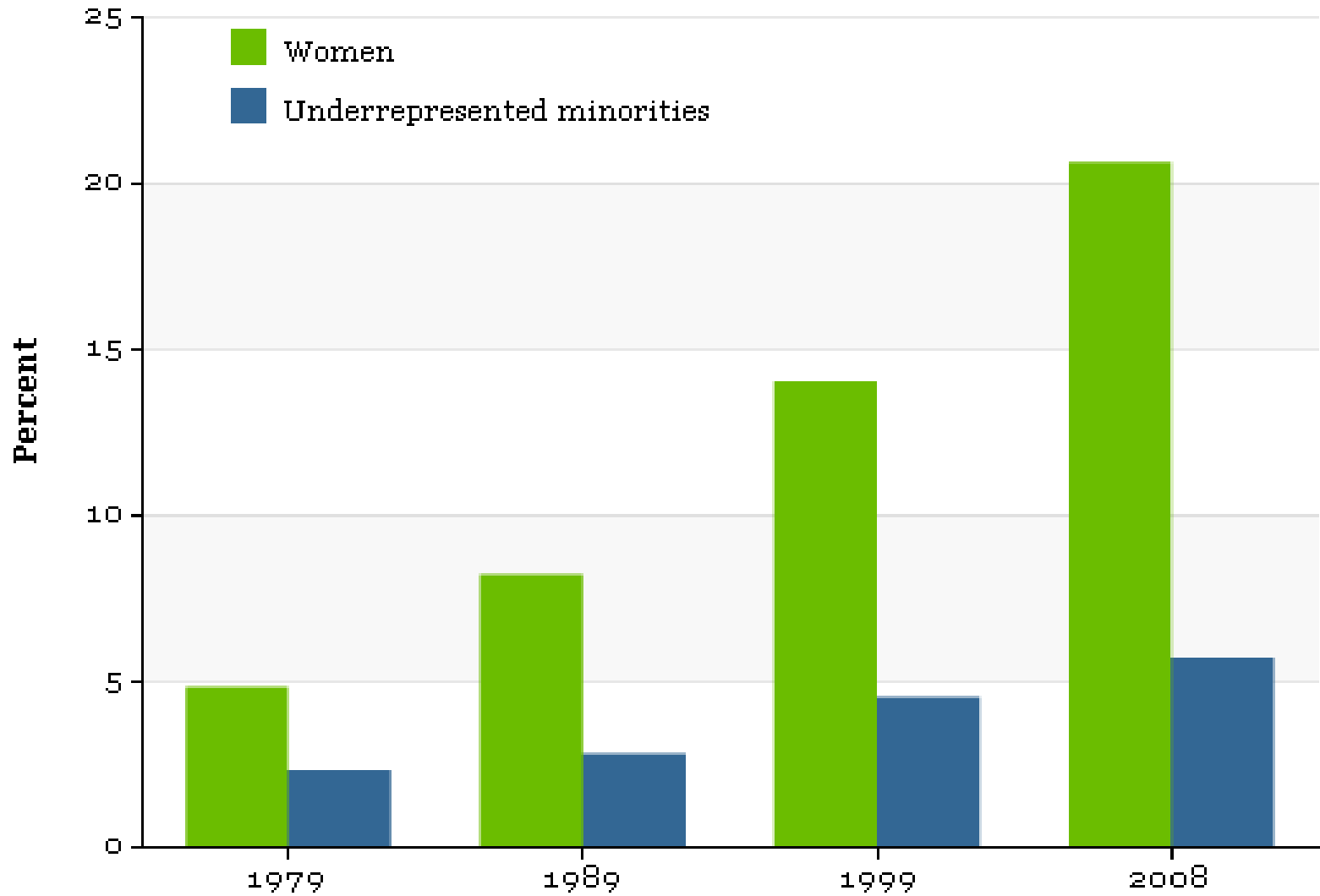


NOTE: Data not available for 1999.

SOURCE: *Women, Minorities, and Persons with Disabilities in Science and Engineering*.

Women and underrepresented minorities as a percentage of full-time, full professors with science and engineering doctorates: 1979–2008

View: [Chart](#) | [Table](#)



NIH Administrative Supplements

- To promote diversity in health-related research
 - Individuals from underrepresented racial and ethnic groups
 - Individuals with disabilities
 - Individuals from socially, culturally, economically, or educationally disadvantaged backgrounds that have inhibited their ability to pursue a career in health-related research
- To promote reentry into biomedical and behavioral research careers
 - Individuals who have interrupted their research careers to care for children or parents or to attend to other family responsibilities

Administrative Supplements

- NIH-wide program
- Supplemental funding to existing research grants-most R's, P's and U awards
(may be Institute dependent)
- Awarded administratively, i.e. not following a peer-review competitive process
- Funding for named individuals who meet specified criteria

Research Supplements to Promote Diversity in Health-Related Research (Admin Supp)

- <http://grants.nih.gov/grants/guide/pa-files/PA-12-149.html>
- US Citizen/Permanent Resident
- \$5,000 - \$100,000; depending on career level of candidate
- Career Level
 - High School Students
 - Undergraduate Students
 - Baccalaureate and Master's Degree Holders
 - Graduate (Predoctoral) and Health Professional Students
 - Individuals in Postdoctoral Training
 - Investigators Developing Independent Research Careers
 - Short-term research support
 - Long-term research support

Other NIH Programs

Career Development (K) Awards

■ K01

- NCI: Mentored Research Scientist Development Award to Promote Diversity
- NHLBI: Mentored Career Development Award to Promote Faculty Diversity/Re-Entry in Biomedical Research
- NINDS: Faculty Development Award to Promote Diversity in Neuroscience Research

Career Development (K) Awards

■ K08

- NCI: Mentored Clinical Scientist Research Career Development Award to Promote Diversity

■ K23

- NCI: Mentored Patient-Oriented Research Career Development Award to Promote Diversity

■ K22

- NCI: Transition Career Development Award to Promote Diversity
- NINDS: Advanced Postdoctoral Career Transition Award to Promote Diversity in Neuroscience Research

NIH's Extramural Loan Repayment Program

Extramural Programs

- Clinical Researchers from Disadvantaged Backgrounds
- Health Disparities Research
- Clinical Research
- Pediatric Research
- Contraception and Infertility Research

NIH's Extramural Loan Repayment Program

- Up to \$35,000 a year towards educational loan debt
- Conduct qualified research activities for at least 50% of their effort (or less than 20 hours per week) for a minimum of 2 years
- Qualifying educational loan debt equals or exceeds 20% of the applicant's institutional base salary

NIH's Extramural Loan Repayment Program

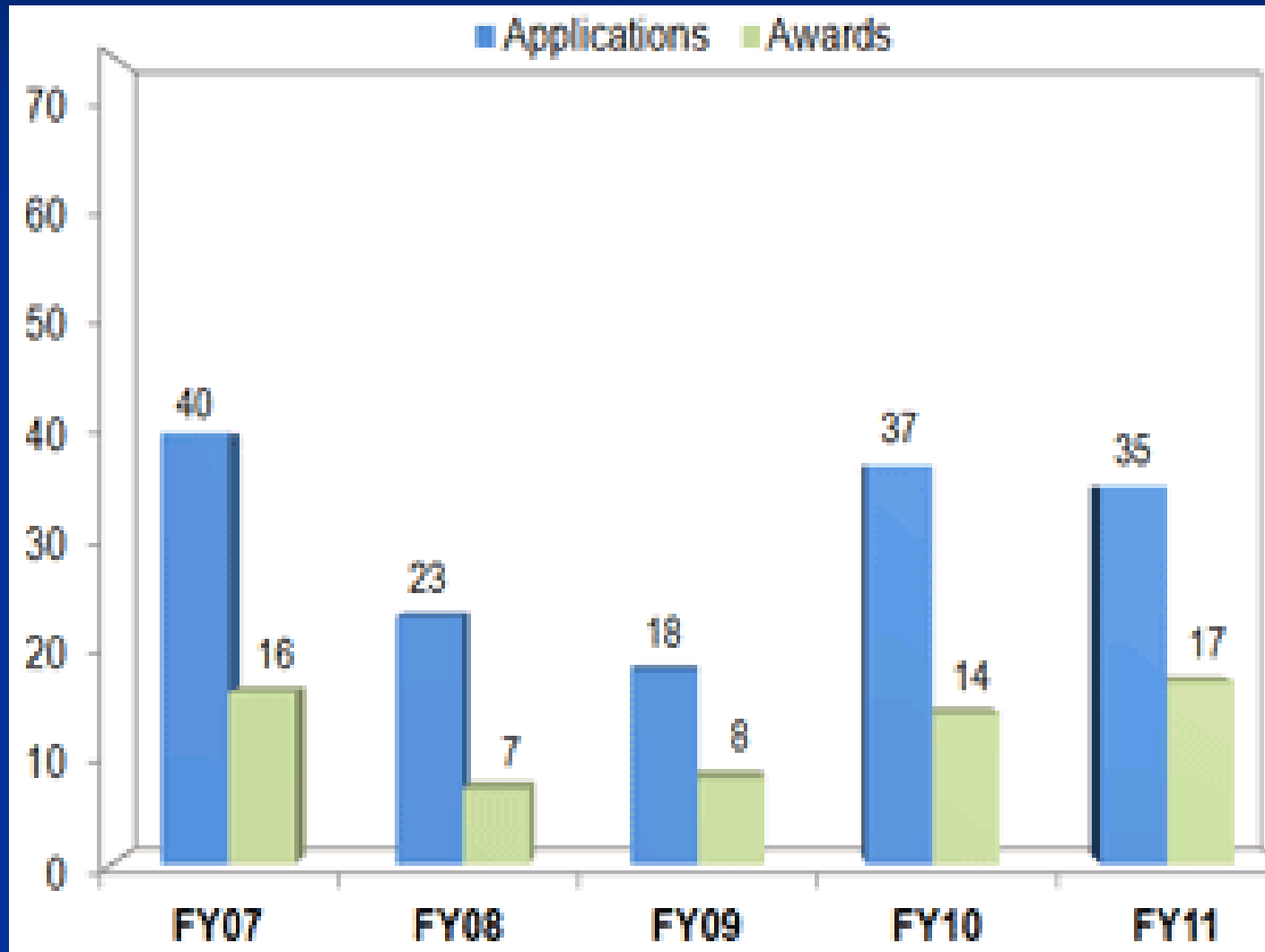
- May competitively apply for renewal
- Repayments represent taxable income and are paid in addition to loan

Eligibility:

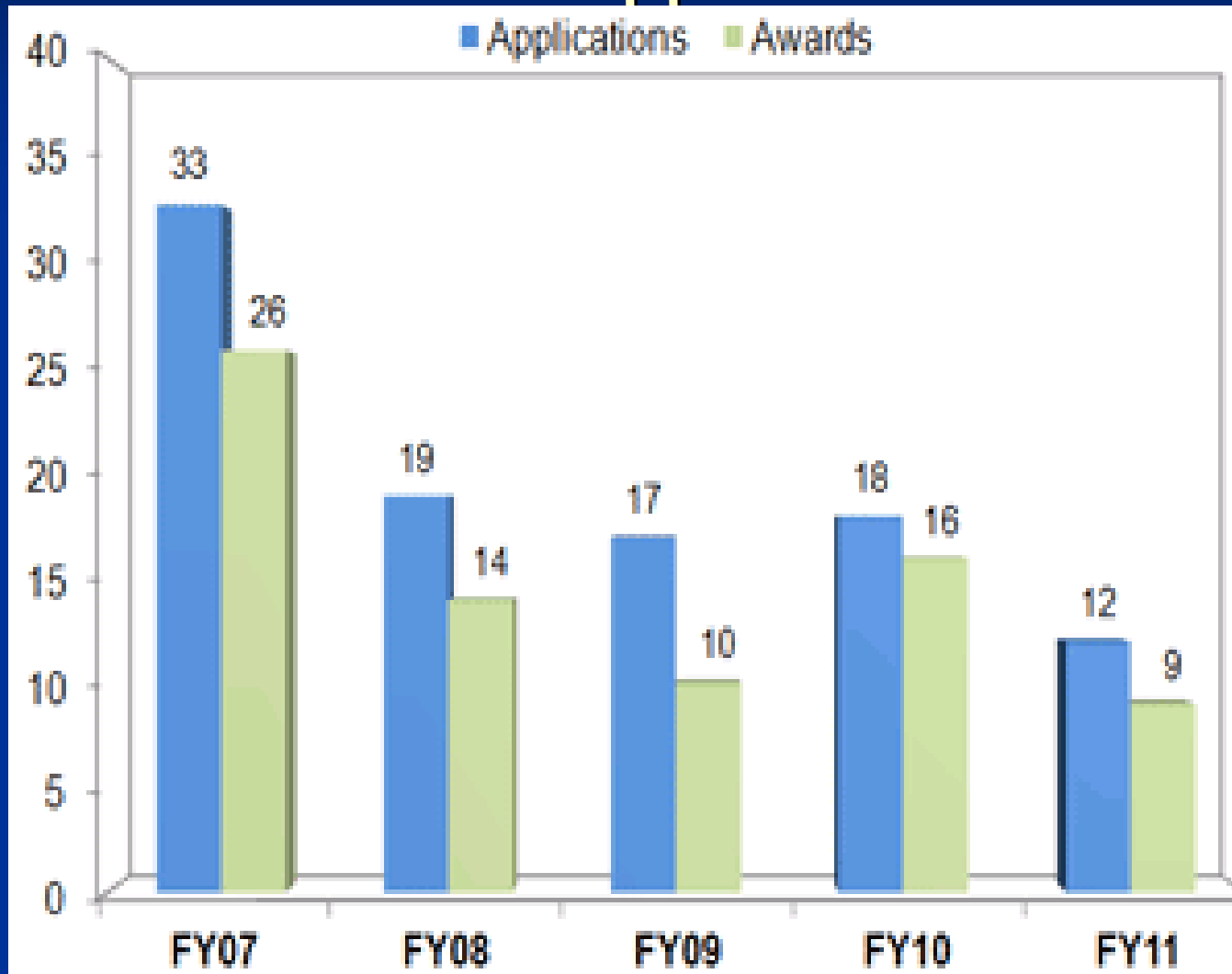
- U.S. citizen/Permanent residence
- Recipient of M.D., Ph.D., D.D.S. D.M.D., or other specified equivalent doctoral degree

LRP: Clinical Research for Individuals from Disadvantaged Backgrounds

- New Applications -



LRP: Clinical Research for Individuals from Disadvantaged Backgrounds – Renewal Applications –



Other NIH Programs

**National Institute of Diabetes and Digestive
and Kidney Diseases (NIDDK)**

Training Grant (T32) Minority Supplement Program

- Predoctoral slots
- Postdoctoral slots
- Medical students

National Heart, Lung, and Blood Institute (NHLBI)

Programs to Increase Diversity Among Individuals Engaged in Health-Related Research (**PRIDE**)

- Summer training for junior faculty over 2 summers
 - Behavioral & Sleep Medicine (SUNY Downstate)
 - Cardiovascular Genetic Epidemiology (Washington Univ)
 - Cardiovascular-Related Research (SUNY Downstate)
 - Comparative Effectiveness Research (Columbia)
 - Functional & Applied Genomics of Blood Disorders (Georgia Health Sciences Univ)
 - Mentoring Researchers in Latino Health Disparities (San Diego State Univ)

Other Programs

Robert Wood Johnson Foundation:

Harold Amos Medical Faculty Development Program

- To increase the number of academic physicians and dentists from historically disadvantaged backgrounds
- 2012 Call for Applications:
 - Nine 4-year awards
 - Annual stipend of up to \$75,000 each
 - Support of research activities: \$30,000
- Program defines “historically disadvantaged” to mean the challenges facing individuals because of their race, ethnicity, socioeconomic status or similar factors

American Society of Hematology (ASH)

ASH-AMFDP Award

- Partnership between the American Society of Hematology and the Harold Amos Medical Faculty Development Program (AMFDP) of the Robert Wood Johnson Foundation
- Goal is to increase the number of underrepresented minority scholars from the field of hematology with academic and research appointments
- ASH is committed to funding at least one hematology scholar per year
- Each scholar spends at least 70% percent of her/his time in mentored research activities

UNCF • Merck Science Initiative

Postdoctoral Science Research Fellowships

- 10 mentored postdoctoral fellowships to be awarded
- Awards up to \$92,000
 - Stipend of up to \$77,000
 - 12-24 months of fellowship tenure
 - Maximum of \$55,000 may be received in any 12 month period
 - Research Grant of up to \$15,000
- Eligibility Criteria
 - African American (Black)
 - Ph.D. or equivalent degree in a life or physical science
 - US citizen/ Permanent Resident

Alzheimer's Association

New Investigator Research Grant to Promote Diversity (NIRGD)

Mentored New Investigator Research Grant to Promote Diversity (MNIRGD)

- Anticipates funding 1-2 awards/program
- Assistant Professors who have less than 10 years of research experience after terminal degree
- NIRGD: \$100,000 for up to 2 years
- MNIRGD: \$170,000 for up to 3 years

American Diabetes Association

Mentor-Based Postdoctoral Minority Fellowship Award

- Supports minority postdoctoral fellows working with established diabetes investigators
- Awards: \$45,000 per year for 2 - 3 years
- Eligible minorities include: African American, Spanish, Hispanic or Latino, American Indian or Alaskan Native, and Native Hawaiian or Pacific Islander
- US citizen or Permanent Resident