

The University of Texas Health Science Center at Houston

NEW INVESTIGATOR DEVELOPMENT PROGRAM

GRANTS 101

JANUARY 10-11, 2022

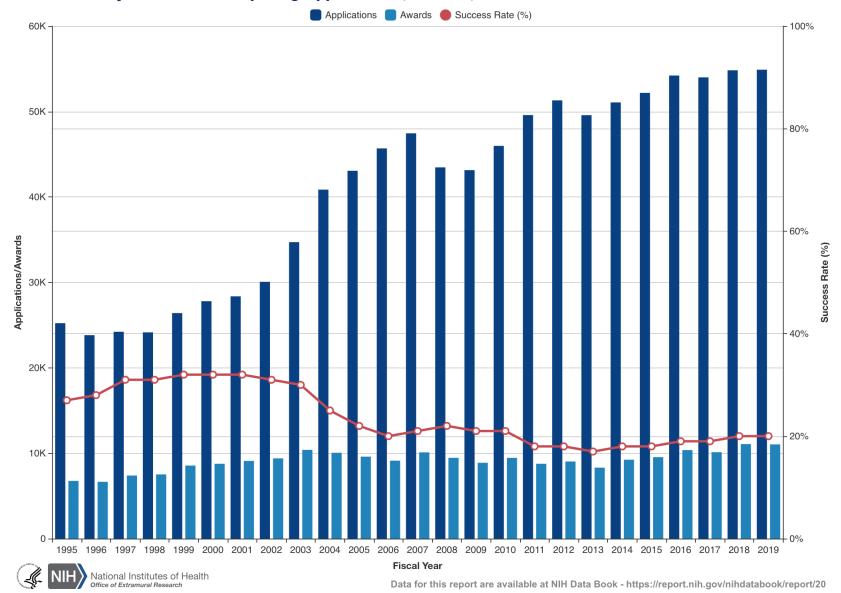
Kevin A. Morano, PhD

Director, New Investigator Development Program Associate Vice President of Faculty Affairs and Development Associate Dean for Faculty Affairs, McGovern Medical School Professor, Microbiology and Molecular Genetics

Figure 1. National Institutes of Health (NIH) Funding, FY1994-FY2020

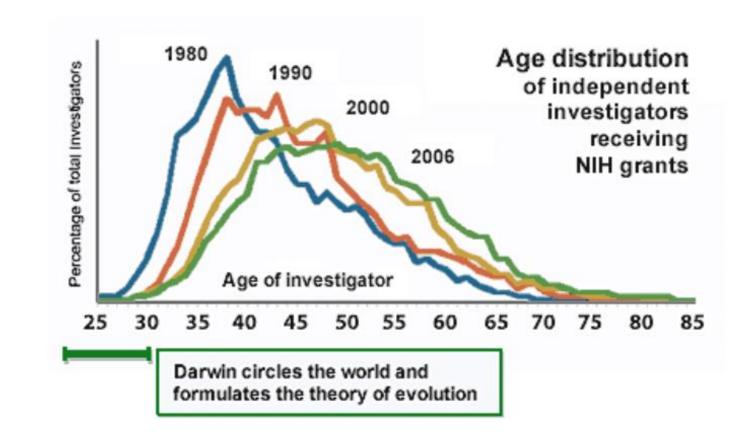
Current Dollars (billions) FY09 and FY10 \$50 ARRA supplement \$41.9 \$36.7 \$35.5 \$40 \$30 \$30.9 \$29.6 \$20 \$10 \$O FY04 FY05 FY06 FY07 FY08 FY96 FY98 FY99 FY00 FY01 FY02 FY03 FY09 FY10 FY15 FY20 FY95 FY97 FY11 FY12 FY13 FY14 FY16 FY18 FY19 FY94 FY17 Constant FY2020 Dollars (i.e., inflation adjusted; billions) FY09 and FY10 \$50 ARRA supplement \$44.8 \$44.9 \$40 \$38.4 \$41.9 \$36.8 \$30 \$20 \$10 \$O FY95 FY96 FY98 FY99 FY00 FY05 FY06 FY08 FY09 FY10 FY15 FY18 FY94 FY97 FY01 FY02 FY03 FY04 FY07 FY11 FY12 FY13 FY14 FY16 FY17 FY19 FY20

Program Level Funding in Current and Projected Constant (FY2020) Dollars.



Research Project Grants: Competing Applications, Awards, and Success Rates

The average age of first-grant PIs is increasing



<u>New Investigator Development Program: NIDP</u>

Initiated in 2004 by the UT-HSC Office of Research

- Develop and refine grant-writing skills
- Succeed in securing external funds

www.uth.edu/nidp



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NIDP Courses

Grants 101: Overview of UTHealth policies/procedures *Grants 102:* In-depth 6-month grant-writing workshop with mentored review process. Goal to submit grant application must be met!

- How to formulate a competitive grant application
- Monthly seminar/discussion sessions
- Grant writing broken down stepwise
- Mentored experience

Workbook: Grant Writers ' Seminars and Workshops, LLC (GWSW)



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Grants 102

- Mentored preparation of a research grant
- Step-by-step advice from experienced and FUNDED faculty
- Assembly, editing, streamlining
- Responding to critiques
- >314 participants
- >\$140M in funding



Health Science Center at Houston