

# Graduate fellowships

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# Jonathan Karr

- Fellow, Genetics & Genomic Sciences
- Recipient of multiple graduate fellowships
  - DHS
  - DoD NDSEG
  - NSF GFRP
  - Stanford University SGF
- Reviewer NSF GFRP program

# Apply for fellowships!

- Prestigious
- Funding (generally 3 years: \$120-250 k)
- Slight increase in stipend
- Relieves financial pressure on PI, freeing up funds for research, travel
- Fringe benefits: supercomputing time, travel support, networking events
- *Gives more freedom to select adviser*
- *Relieves teaching requirements*

# Reasons not to apply

- Unless you're ineligible, you should apply

# What happens once I win?

- Mount Sinai handles the logistics
- Submit yearly progress reports
- Generally if you receive more than one, you have to forfeit all but one

# Fellowships

- NSF GFRP: 11/4  
*Largest fellowship program; eligible up to grad year 2; US citizen, national or permanent resident*
- DoD NDSEG: 12/12  
*Eligible up to grad year 2; US citizen or national*
- DoE CSGF: Postponed pending federal budget  
*Only supports computational science; matriculating and first year students only; US citizen or permanent resident*
- DoE SCGF: No longer offered
- Hertz: 10/31  
*Matriculating and first year graduate students only*
- Soros: 11/1  
*Naturalized as US citizen, green card holder, citizen by birth AND parents are naturalized citizens, born outside US and adopted by US citizens, or granted deferred action under DACA*
- NIH F31: 12/13, 4/3, 8/13  
*Apply with adviser; eligible up to grad year 6*
- Ford Foundation: 11/19  
*Underrepresented minorities; US citizen, national, or permanent resident*

# Sinai statistics

Fellowship	Years	Fellows
Ford	2013-2014	0
Hertz	1965-2014	0
DoE CSGF	2011-2014	0
DoE SCGF	2010, 2012	0
NDSEG	2012-2014	0
NSF GFRP	2011-2014	0
Soros	1998-2014	$\geq 1$

# What happens if I don't win?

- Likely funded by NIH training grant or NIH research grant



# How to apply

- Courses, grades
- GRE scores
- Awards
- Research experience
- Publications, presentations
- Service and leadership
- Generally 1-3 essays
  - Previous research
  - Research interests
  - Long-term career goals
- Letters of recommendation

# How to win

- Read and follow the prompts carefully
- Tailor your application for each fellowship
  - NSF: highlight outreach efforts to address broader impacts criterion
- Address your application toward the funder agency's priorities
  - Hertz: talk about how great America is
  - DoE CSGF: focus on high performance computing
  - NSF: Stay away from clinical research, clinical trials, etc. Stick to hypothesis driven basic science
  - NDSEG: review military's scientific priorities and address application toward them  
Search for "Army research priorities", "Navy research strategic plan", "Air force", ...

# Resources

- NSF GFRP powerpoint

- [https://www.nsfgrfp.org/assets/File/GRFP%20Outreach%20PowerPoint\\_NSF\\_Aug%2014.pdf](https://www.nsfgrfp.org/assets/File/GRFP%20Outreach%20PowerPoint_NSF_Aug%2014.pdf)

- Advice

- <http://www.pgbovine.net/fellowship-tips.htm>
  - <http://www.alexhunterlang.com/nsf-fellowship>
  - <http://www.jenniferwang.org/nsf.html>

- Sample NSF essays

- <http://rachelcsmith.com/academics/nsf.htm>
  - [http://www.anat.stonybrook.edu/IDPAS/student\\_grants/pastapplications.html](http://www.anat.stonybrook.edu/IDPAS/student_grants/pastapplications.html)
  - [http://grads.astro.cornell.edu/sample\\_essays/](http://grads.astro.cornell.edu/sample_essays/)