AUSTIN ASA STUDENT CHAPTER GRADUATE SKILLS SEMINAR:
FUNDING AND FELLOWSHIPS FOR GRADUATE STUDENTS
OUTLINE

• Why do you want external funding?
• Funding opportunities (with guest presenters)
• Advice and comparisons
WHY EXTERNAL FUNDING?

- Flexibility
- Security
- Monetary (comparable to GRA but more than TA)
FUNDING OPPORTUNITIES

Substantial Fellowships

• SMART Scholarship
• NDSEG Scholarship
• NSF GRFP
• Hertz Graduate Fellowship
• NPSC Science, Engineering, and Math Fellowship

Smaller, Complementary Scholarships (From the ASA Website)

• Winker Scholarship
• Beranek Scholarship
• Minority Scholarship
• More...
SMART SCHOLARSHIP

Science, MAtematics & Research for Transformation Scholarship for Service

Eligibility:
- U.S. Citizen
- Incoming/Current Graduate Student

Benefits:
- Cost of attendance for degree
- Stipend up to $38,000 per year
- Paid summer internships
- Health insurance allowance
- Post-graduation employment*
NDSEG FELLOWSHIP (1/2)

• Background
  • National Defense Science and Engineering Graduate Fellowship
  • Offered through the Department of Defense (DoD) and sponsoring agencies (ONR, ARO, AFRL)

• Eligibility:
  • U.S. Citizen
  • Incoming/Current Graduate Students
    • “Must apply before completing second year.”
  • Be in one of the supported disciplines
  • “Ultimately gain a doctorate in a STEM field.”
NDSEG FELLOWSHIP (2/2)

• Benefits:
  • Cost of attendance for **four years**. Up from three.
  • Total stipend of $153,600 ($38,400/year). Up from $102,000 ($34,000/year).
  • Yearly health insurance reimbursement of $1,500

• Application
  • Open from September 1 – **December 31, 2017**
  • Form including contact info, education, work experience, references, proposed research area, etc.
  • Upload project description (typically short in comparison to NSF)
  • Completion of three reference forms by references
NSF GFRP
NATIONAL SCIENCE FOUNDATION
GRADUATE RESEARCH FELLOWSHIP PROGRAM

• Eligibility
  • U.S. citizen, national, or permanent resident
  • Enrolled in graduate program
  • First year graduate student***

• Benefits
  • Cost of attendance up to $12,000 per year
  • Stipend of $34,000 per year (3 years)
  • Can be combined with other Fellowships (i.e. Hertz) and deferred.
HERTZ FELLOWSHIP

- Sponsored by the Hertz Foundation
- Extremely selective (15 winners)

Eligibility:
- U.S. Citizen or permanent resident
- Incoming/current PhD students
  - Must apply before completion of first year of graduate school.

Benefits:
- Cost of attendance for up to five years
- Stipends up to $38,000 per 9 months (renewable for 5 years)
- Can be combined with NSF or other Fellowship, or TA
**NATIONAL PHYSICAL SCIENCE CONSORTIUM**
**SCIENCE, MATHEMATICS, & ENGINEERING FELLOWSHIP**

- **Eligibility:**
  - U.S. Citizen
  - Incoming/Current Graduate Student
  - Must be available to accept 2 summers of paid internship

- **Benefits:**
  - Expense allowance of $20,000 per year
  - 2 paid summer internships
  - 2-6 year duration depending on sponsor
  - Covers full tuition/fees

Note: 503 graduate fellowships. 82% percent of have been minority, female, or both.
WINKER SCHOLARSHIP

GENERAL
• Offered by ASA
• Last year was first year
• Application posted in December

ELIGIBILITY
• US citizen
• Don’t have to be a member of ASA
• Eligible research topics:
  • Architectural acoustics
  • Noise control
  • Engineering acoustics

APPLICATION
• DEADLINE: 3/31 last year
• 3 references, 1000 word essay

$$??
• $3,000

OTHER ASA SCHOLARSHIPS
• Beranek Scholarship
  • Architectural Acoustics / Noise Control $30k
• Minority Fellowship
• Stetson Scholarship
  • Phonetics / Speech Science
• Robert W. Young Award
  • Undergraduate research $500
• Congressional Science and Engineering Fellowship
ADVICE (FOR SMART AND NDSEG)

- Navy NEEDS acousticians!
  - make application for Oceanography or Naval Architecture
- DoD loves buzz words:
  - “In support of the Navy”
  - “Give the warfighter every advantage”
  - “Mission critical”
- For SMART, be sure to thoroughly investigate sponsoring facility before committing.
- Stay on top of your references!
IMPORTANT DATES

- SMART
  - Due December 1
- NDSEG
  - Due by December 31
- NSF GRFP
  - Application due October 24 (for engineering)
  - References due November 2
- HERTZ [http://hertzfoundation.org/fellowships/fellowshipaward](http://hertzfoundation.org/fellowships/fellowshipaward)
  - Application due October 27
  - References due October 30
- NPSC - [http://www.npsc.org/index.html](http://www.npsc.org/index.html)
  - Start application by November 30
  - Finish it by December 8th
FELLOWSHIP LINKS

• SMART - https://smart.asee.org/
• NDSEG - http://www.ndsegfellowships.org/
• NSF GRFP - https://www.nsfgrfp.org/
• HERTZ http://hertzfoundation.org/fellowships/fellowshipaward
• NPSC - http://www.npsc.org/index.html
• ASA - http://acousticalsociety.org/funding_resources/fellowships_scholarships
MORE LINKS

● This excellent article by Philip Guo:
  ● http://www.pgbovine.net/fellowship-tips.htm

● More articles:
  ● https://www.profellow.com/tips/5-tips-to-create-a-stand-out-fellowship-application/
  ● http://www.pathwaystoscience.org/programs.aspx?u=GradPhDs_Graduate+Students+%28PhD%29&r=&s=&i=&sa=either&p=YesPortable&o=either&c=either&f=&dd=&ft=&submit=y&adv=adv