GRADUATE SKILLS SEMINAR: EXTERNAL FUNDING STRATEGIES

AUSTIN STUDENT CHAPTER OF THE ACOUSTICAL SOCIETY OF AMERICA

FRIDAY 21 SEPTEMBER 2018
WHY EXTERNAL FUNDING?

• FLEXIBILITY
• SECURITY
• MONEY
FUNDING OPPORTUNITIES

SUBSTANTIAL FELLOWSHIPS

• SMART
• NDSEG
• NSF GRFP
• HERTZ
• UT CONTINUING

SMALLER, COMPLEMENTARY FELLOWSHIPS (FROM ASA WEBSITE)

• WINKER
• BERANEK
• MINORITY
• AND MORE…
SMART

• SCIENCE MATHEMATICS AND RESEARCH FOR TRANSFORMATION SCHOLARSHIP FOR SERVICE

• ELIGIBILITY
  • CITIZEN OF US, AUSTRALIA, CANADA, NEW ZEALAND, OR UK
  • INCOMING AND CURRENT GRADUATE STUDENT

• BENEFITS
  • UP TO $38,000/YEAR + TUITION FOR DEGREE DURATION
  • ALLOWANCE FOR HEALTH INSURANCE AND BOOKS
  • PAID SUMMER INTERNSHIP
  • POST-GRADUATION EMPLOYMENT (!)
NDSEG

- **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 (CONT.)

• BENEFITS:
  • COST OF ATTENDANCE FOR THREE YEARS.
  • TOTAL STIPEND OF $115,200 ($38,400/YEAR). UP FROM $102,000 ($34,000/YEAR).
  • YEARLY HEALTH INSURANCE REIMBURSEMENT OF $1,200

• APPLICATION
  • OPEN FROM SEPTEMBER 4 – DECEMBER 7, 2018
  • FORM INCLUDING CONTACT INFO, EDUCATION, WORK EXPERIENCE, REFERENCES, PROPOSED RESEARCH AREA, ETC.
  • PERSONAL STATEMENT
  • RESEARCH PROPOSAL
  • COMPLETION OF THREE REFERENCE FORMS BY REFERENCES
TIPS AND TRICKS FOR D.O.D.

• THE NAVY **NEEDS** ACOUSTICIANS
  • APPLY FOR OCEANOGRAPHY OR NAVAL ARCHITECTURE
  • USE BUZZ WORDS LIKE “SUPPORT OF THE NAVY”, “WARFIGHTER”, “MISSION CRITICAL”, ETC.
  • FOR SMART: THOROUGHLY INVESTIGATE SPONSOR FACILITY BEFORE COMMITTING
  • GO THROUGH BROAD AGENCY ANNOUNCEMENTS (BAAS) AND LOOK FOR OPPORTUNITIES FOR ACOUSTICS RESEARCH

• STAY ON TOP OF REFERENCES!
NSF GRFP

• 2,000 Awardees per year

• Eligibility:
  • Citizen or permanent resident of US
  • Incoming or 1st/2nd year PhD students may apply
    • Can only apply once while enrolled in graduate school
    • Must apply during first year or at beginning of second year

• Benefits
  • $34,000/year + $12,000 for tuition
  • Usable for any 36 months within a 5 year period
  • Can be combined with other (non-federal) fellowships (e.g. Hertz) and deferred.
TIPS AND TRICKS FOR NSF

• EXPLICITLY ADDRESS “BROADER IMPACT” & “INTELLECTUAL MERIT” IN STATEMENTS
  • PERSONAL STATEMENT: HIGHLIGHT IMPORTANT/RELEVANT EXPERIENCES THAT HAVE LED TO YOUR CAREER/RESEARCH PATH
  • RESEARCH STATEMENT: PICK A SPECIFIC DISSERTATION TOPIC AND OUTLINE WHY/HOW YOU WILL DO THE RESEARCH, WHY UT IS THE BEST PLACE AND YOU ARE THE BEST PERSON FOR THE RESEARCH
  • LOTS OF PAST STATEMENTS AND REVIEWER COMMENTS ARE AVAILABLE ONLINE!

• STAY ON TOP OF REFERENCES!
HERTZ

• SPONSORED BY THE HERTZ FOUNDATION

• EXTREMELY SELECTIVE (15 WINNERS)

• ELIGIBILITY:
  • CITIZEN OR PERMANENT RESIDENT OF US
  • INCOMING OR 1ST YEAR PHD STUDENTS MAY APPLY

• BENEFITS
  • $34,000/YEAR + TUITION
  • RENEWABLE UP TO 5 YEARS
  • CAN BE COMBINED WITH OTHER FELLOWSHIPS (E.G. NSF) OR GRA/TA
UT CONTINUING

• ONE-YEAR FELLOWSHIP FOR PHD STUDENTS WHO NEED SOME EXTRA TIME

• ELIGIBILITY
  • CURRENT GRADUATE STUDENT AT UT AUSTIN
  • MUST BE NOMINATED BY RESEARCH ADVISOR

• BENEFITS
  • $28,000 + TUITION FOR 12 MONTHS
  • STIPEND FOR HEALTH INSURANCE
WINKER SCHOLARSHIP

GENERAL
OFFERED BY ASA
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
OTHERS

• DOE COMPUTATIONAL SCIENCE GRADUATE FELLOWSHIP
• FORD FOUNDATION FELLOWSHIP
• NATIONAL PHYSICAL SCIENCE CONSORTIUM
IMPORTANT DATES

- NSF
  - OCTOBER 23\textsuperscript{RD}
- HERTZ
  - OCTOBER 24\textsuperscript{TH}
- UT CONTINUING
  - ADVISOR NOMINATIONS DUE MID-NOVEMBER (CAN VARY)
  - APPLICATION DUE MID-JANUARY
- SMART
  - DECEMBER 1\textsuperscript{ST}
- NDSEG
  - DECEMBER 7\textsuperscript{TH}
LINKS

• NSF
  HTTPS://WWW.NSFGRFP.ORG/

• HERTZ
  HTTP://HERTZFOUNDATION.ORG/FELLOWSHIPS/FELLOWSHIPAWARD

• UT CONTINUING
  HTTPS://GRAD SCHOOL.UTEXAS.EDU/FINANCES/FELLOWSHIPS/GRADUATE-SCHOOL/CONTINUING-FELLOWSHIPS

• SMART
  HTTPS://SMARTSCHOLARSHIPPROD.SERVICE-NOW.COM/SMART

• NDSEG
  HTTPS://WWW.NDSEGFELLOWSHIPS.ORG/
MORE LINKS

• EXCELLENT ARTICLE BY PHILLIP 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.MALLORYLADD.COM/NSF-GRFP-ADVICE.HTML
  HTTPS://WWW.PATHWAYSTOSCIENCE.ORG/PROGRAMS.ASPX?U=GRADPHDS_GRADU