The Center for Inclusive Education Presents

Graduate School Preview Day
The PhD: A Path to Success

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#GSPD16
Funding, Community & Professional Development

Center for Inclusive Education, the Graduate School
Meet the CIE Staff
Presentation Objectives

- What type of funding exists for students pursuing graduate education?
- What programs and activities are coordinated by the CIE?
- Why is mentoring and community building important?
Funding your Doctoral Degree
A Lexicon of Graduate School Funding

- **Tuition Scholarship** - covers the cost of tuition for your degree program
- **Stipend** - a form of salary provided to graduate students in exchange for teaching, research or administrative support
- **TA** - Teaching Assistantship: stipend in exchange for assisting in the teaching of a class or teaching a course
- **GA** - Graduate Assistantship: stipend in exchange for administrative support within a university office
- **RA** - Research Assistantship: stipend in exchange for assisting in research in the lab of a faculty member (commonly referred to as a Principal Investigator, or PI)

* Fees are a standard cost of graduate study and are rarely covered by an award package
- **Fellowship** - financial support given with no obligation for the student to engage in teaching or research in furtherance of the University’s mission; fellowship funding can be internal or external
- **Full Funding** - a financial award package consisting of tuition scholarship *plus* some combination of TA, GA or RA and possibly fellowship funds
- **Internal Funding** - funding provided by the University, also referred to as Institutional Money
- **External Funding** - funding provided by an external funding agency; agencies can be public (Department of Energy, National Science Foundation, etc.) or private (Gates Millennium Scholars); external money is often *portable*
Fact: You can and should play an active role in securing graduate school funding

- Funding opportunities should be part of the conversation you have with prospective graduate programs *during* the application process
- **You** are responsible for being aware of any deadline dates for eligibility for institutional and/or external funding. Deadlines will vary between institutions, and even between opportunities within a single institution
- Eligibility requirements often apply and can include: Being a US Citizen or Permanent Resident, degree being sought, full time enrollment, etc.
You can apply as early as your senior year of undergraduate study for external funding opportunities and portable money

- National Science Foundation Graduate Research Fellowship [http://www.nsfgrfp.org/](http://www.nsfgrfp.org/)
- Sloan Fellowships
- NASA Graduate Research Fellowships
- DOD SMART
- DOE Science Graduate Fellowships
- Ford Foundation Fellowship
- Fulbright Fellowship
- Javits Fellowship
National Fellowships

Dozens more...

- [www.pathwaytoscience.org](http://www.pathwaytoscience.org) to search for opportunities in STEM
- [www.h-net.org](http://www.h-net.org) for opportunities in the humanities and social sciences
- The Foundation Center: 79 5th Avenue New York, NY
- [https://www.grad.stonybrook.edu/CurrentStudents/external.php](https://www.grad.stonybrook.edu/CurrentStudents/external.php) for opportunities known by Stony Brook University
The Center for Inclusive Education at Stony Brook University

- An umbrella unit of the Graduate School
- Formally established in 2002 with one program; grew to three programs in 2009; today hosts seven programs, including SUNY Graduate Diversity Fellowship Program
- CIE programs have supported underrepresented SBU scholars since 1987
- Engages faculty, staff, campus leaders and national collaborators in developing programs to support the research, teaching and professional development of students and postdocs
Dr. W. Burghardt Turner Fellowship Program

Funding and Benefits
$50,000 over 5 years in addition to TA/GA/RA
Full tuition scholarship + up to $32,000 annually
Conference Travel + Research Funding
Funded by SUNY Office of Diversity, Equity and Inclusion

Eligibility
Exceptionally qualified UR doctoral applicants
US Citizen or Permanent Resident
Nomination Based
National GEM Consortium

Funding and Benefits
● Full tuition scholarship + full fees
● Industry experience
● Access to GEM network and job opportunities database
● Learn more at www.gemfellowship.org

Eligibility
● US Citizen or Permanent Resident
● STEM major
● Master or PhD student
● URM scholars who desire industry experience
NIH IMSD-MERGE

Funding and Benefits
Funding all 5 years (1 IMSD + 4 Departmental)
Academic and Professional Development
  ● Summer Boot Camp
  ● Peer-Led Team Learning
  ● Mentor Support
  ● Professional Preparation Series

Eligibility
US Citizen or Permanent Resident
URM scholar
Acceptance into PhD program in Biological/Biomedical Sciences
*No application
LSAMP BD: Bridge to the Doctorate

Funding and Benefits
- $32,000 annually (for first two years)
- Tuition, fees + health insurance
- Mentoring by advanced graduate students
- Participation in professional conferences and meetings

Eligibility
- Participated in LSAMP program
- US Citizen or Permanent Resident
- GPA 3.0 +
- Acceptance to STEM grad program at Stony Brook
- Want to pursue a doctoral degree in a STEM discipline
AGEP-T FRAME: Frontiers in Research and Academic Models of Excellence

Funding and Benefits
- Research and travel grants
- Research sabbaticals at other institutions
- Teaching and professional/career development

Eligibility
- US Citizen
- Enrolled in a STEM PhD program at SBU
- URM
Summer Research @ SBU

Nanotechnology for Health, Energy & the Environment (REU)
- Coordinated by the CIE
- 10 Weeks, $4,000 stipend + housing
- Full-time mentored research
- Professional and academic development workshops
- Poster Presentation and Symposium

Polymers and Engineered Interfaces (REU)
- Garcia Lab, Materials Science & Engineering
- 7 weeks
- Deadline in February
- Poster Presentation and Symposium

- Newly Awarded, details forthcoming
- 8.5 Weeks
CIE Programming: Academic Enrichment, Professional Development and Mentoring & Community Building

The Center for Inclusive Education designs and administers innovative programs and activities to promote the success of our underrepresented undergraduate, graduate and postdoctoral scholars across STEM and non-STEM disciplines.
Academic Enrichment

- Dissertation Writer’s Boot Camp
- Dissertation Writer’s Retreat
- Grantsmanship Workshop Series
- Writing to Win Workshop: How to prepare a NSF-GRFP application
- Research Grants
- Conference Travel Support
Professional Development

- College Teaching Seminar Series
- Conflict Resolution Workshop
- Faculty Career Week
- NYC Independent Schools Faculty Diversity Search
- Practical Professional Skills Series
- Speaker Series
- Topic Based Lunches (TBL) with Senior Leadership
Mentoring & Community Building

- Research Cafés
- Cultural Heritage Celebrations
- Safe Spaces Workshop
- Keeping It Real
- Summer Lunches with Continuing Students
- First Year Mixer
- Community of Student Mentors
- Monthly “Celebrate with Us” Socials
- Graduate Recognition Ceremonies
Creating the Best Mentoring Experience For You
What is mentorship?
- Mentorship is a professional development relationship where a more knowledgeable person provides guidance to a less knowledgeable person.

Why should mentorship matter to you?
- Effective mentoring is a critical component of pursuing an academic career.
Creating the Best Mentoring Experience For You

● Phases of mentoring relationship
  ○ Selection - Choosing a Mentor
  ○ Alignment - Coordinating Goals
  ○ Cultivation - Developing Your Relationship
  ○ Closure - Ending a Mentoring Relationship
Choosing a Mentor

- How do you decide who to enter into a mentoring relationship with and how to do it?
  - Look within
    - Be honest as to why you are looking for a mentor
    - Clarify your goals, skills, and areas of interest
      - Individual Development Plan (IDP)
      - LinkedIn
Choosing a Mentor

- How do you decide who to enter into a mentoring relationship with and how to do it?
  - Look outside
    - Research
    - Interviews
      - Possible mentors
      - Current and previous mentees
  - Tips
    - Be flexible
    - Be patient
    - Chemistry matters
Coordinating Goals

How do you make sure you start off on the same page?

- Goals, roles, and expectations
  - Have clear understanding of your goals and role you want your mentor to play
  - Communicate your expectations and listen to the expectations of your mentor
  - Be flexible and willing to adjust goals and expectations
  - Inform your mentor of your preferred learning style
Developing Your Relationship

- How do you make sure you stay on the same page as you move forward so that goals are met?
  - Follow through on tasks and meet deadlines
  - Actively listen and contribute to conversations
  - Accept and reflect on constructive criticism
  - Do not shy away from difficult conversations
  - Communicate your changing needs
  - Periodically evaluate progress and assess the relationship
Ending a Mentoring Relationship

- How do you identify the end of a mentoring relationship and properly move on?
  - Typical reasons for closing a mentoring relationship
    - Accomplished intended achievement
    - Lack of progress towards your goals
    - You or mentor leave institution
    - Shift in research focus
Ending a Mentoring Relationship

- Strategies for transitioning
  - Say thank you and give credit where credit is due
  - Provide mentor with updates after the formal relationship has ended
  - Give back and mentor others
Thank you!

- Contact the CIE
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