LECTURE 6
APPLYING TO GRANTS / FELLOWSHIPS
NOTE TO PRIYA:
RECORD LECTURE & TURN ON CLOSED CAPTIONING
LECTURE 6
APPLYING TO GRANTS / FELLOWSHIPS
NO OFFICE HOURS NEXT WEEK
RULES OF ENGAGEMENT

Be Open & Encouraging

Communicate Effectively & Respectfully

Contribute / Participate In Group Conversations

Step Up / Step Back: Give people time/space to answer
ELECTIONS 2020
ACTIVITY – ABOUT YOU!

What’s your weather today?
LECTURE 6
APPLYING TO GRANTS / FELLOWSHIPS
APPLYING FOR GRANTS/FELLOWSHIPS
TYPES OF FINANCIAL AID

Grants

Money to help pay for tuition, room & board, and/or research
TYPES OF FINANCIAL AID

Grants
Money to help pay for tuition, room & board, and/or research

Scholarships
Money to help pay for college
TYPES OF FINANCIAL AID

**Grants**
Money to help pay for tuition, room & board, and/or research

**Scholarships**
Money to help pay for college

**Work-Study Jobs**
Paid position to earn money & gain experience
TYPES OF FINANCIAL AID

Grants: Money to help pay for tuition, room & board, and/or research

Scholarships: Money to help pay for college

Work-Study Jobs: Paid position to earn money & gain experience

Loans: Money that needs to be repaid
Source of Funding for Stipend, Tuition, Research, Training - generally for a set period of time
GRANTS v. FELLOWSHIPS

What is a **GRANT**?

Money for Stipend, Tuition, Research  
(similar to a **scholarship**)

What is a **FELLOWSHIP**?

Can include all or some of the above, but a fellowship often has a professional training / development component.
Some Fellowships Offer Grants to Recipients

FELLOWSHIP  →  GRANT

NSF  
GRFP  
GROW

NSF Graduate Research Opportunities Worldwide
DURING UNDERGRAD

AFTER UNDERGRAD

FOR GRAD SCHOOL
Provost Undergrad Fellowship – for research ($1000)

urc.ucdavis.edu/PUF

URC Undergrad Research Travel Award – for conferences ($500)

urc.ucdavis.edu/travel-awards
“spend a term ... working and studying in the Washington DC metropolitan area. As interns with Congress, the White House, cabinet agencies, advocacy groups, non-profit organizations, scientific laboratories, and the news media, students gain firsthand exposure to the American political process while attaining valuable work experience.”

ucdc.edu/uc-washington-center-home
Student Career Experience Program with Federal Agencies

“...paid student program, which offers you valuable work experience directly related to your academic field of study.”
US Fish & Wildlife PATHWAYS Internship

“designed to provide students ... with opportunities to work in agencies and explore Federal careers while still in school and ... getting paid for the work performed. Students ... may be eligible for ... a permanent job ...”

fws.gov/southeast/work-with-us/internships/
NOAA Hollings Scholarship

“provides … awards that include academic assistance (up to $9,500 per year) for two years of full-time study and a 10-week, full-time paid ($700/week) internship at a NOAA facility during the summer.”

noaa.gov/office-education/hollings-scholarship
NSF Research Experiences for Undergrads

“REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program.”

https://www.nsf.gov/crssprgm/reu/
San Diego Zoo Summer Student Fellowship

• Recovery Ecology
• Population Sustainability
• Community Engagement
• Conservation Genetics
• Plant Conservation
• Reproductive Sciences
• Disease Investigations

institute.sandiegozoo.org/opportunities/summer-student-fellowships
Smithsonian Short-term Fellowships

“allows selected candidates to come to [the Smithsonian Tropical Research Institute] at any time of the year ... awards are occasionally given to undergraduate candidates. These fellowships enable selected candidates to work in the tropics and explore research possibilities at STRI.”

stri.si.edu/academic-programs/fellowships
DoD Science, Mathematics, and Research for Transformation (SMART) Scholarship

“... combined educational and workforce development opportunity ... to gain technical skills in critical STEM fields and support the national security mission of DoD.”

smartscholarship.org/smart
Stanford University Innovation Fellowship

“empowers students around the world to become agents of change in higher education. Fellows create opportunities that help their peers unlock their creative potential and develop the design-centered mindset required to take on complex challenges in today’s world”

dschool.stanford.edu/university-innovation/university-innovation-fellows
DURING UNDERGRAD

AFTER UNDERGRAD

FOR GRAD SCHOOL
“designed to ... [support] **exceptional individuals around the world** ... who had no or little access to traditional funding and were **responding to major challenges with original and innovative projects** that advance human knowledge and well-being.”

[rolex.org/rolex-awards](http://rolex.org/rolex-awards)
Fulbright Fellowship

“...offers a range of research and professional exchange opportunities...”

globalaffairs.ucdavis.edu/fulbright
AmeriCorps Fellowship **

“… provides **fulfilling service opportunities** in communities around the US. You'll also **earn money for your education and gain professional skills** …”

nationalservice.gov/programs/americorps/americorps-programs
Teach for America Fellowship **

“find and nurture leaders who commit to expanding opportunity for low-income students, beginning with at least two years teaching in a public school”

teachforamerica.org
UC Davis Continuing undergrads fellowship FOR GRAD STUDENTS

Scholarship Application for Current and Continuing Undergraduates

The application period for 2020-2021 scholarships is closed, and scholarships have been awarded. Be sure to check your email to see if you’ve been awarded a scholarship. Our application for 2021-2022 scholarships is now open. Start your application now!

All continuing UC Davis undergraduates should reapply for UC Davis Scholarships yearly. The online Continuing Undergraduate Scholarship Application is available each year, from October to early January. To be eligible, you must have a UC Davis cumulative 3.25 GPA and a letter of recommendation.

If you’ve missed the application for 2020-2021 scholarships, check out our outside scholarships section for additional scholarship opportunities.

https://www.ucdc.edu/uc-washington-center-home

Specifically for graduate students who just completed their undergrad degrees at UC Davis

financialaid.ucdavis.edu/scholarships/campus
Bridge to PhD programs

Designed to give students skills / experience to make them competitive for and successful in graduate school

augsburg.edu/stem/doctorate
“prepares promising students for advanced education in science, technology, mathematics and engineering (STEM). The program is designed to identify upper-division undergraduate students with the potential to succeed in these disciplines”
USGS Science to Action Fellowship

“Support graduate students in developing a policy-relevant product related to the impacts of climate change on fish, wildlife, their habitats, and users”

usgs.gov/ecosystems/climate-adaptation-science-centers/science/science-action-fellowship?qt-science_center_objects=0#qt-science_center_objects
Get a State / Federal job & have them pay for grad school!
Ford Foundation Fellowship

“Ford Foundation seeks to increase the diversity of the nation’s college and university faculties by increasing their ethnic and racial diversity, maximize the educational benefits of diversity, and increase the number of professors who can and will use diversity as a resource for enriching the education of all students”

nationalacademies.org/our-work/ford-foundation-fellowship-programs
Hertz Fellowship

“The Hertz Fellowship is awarded annually to the nation’s most promising graduate students in science and technology”

hertzfoundation.org/the-fellowship
NSF GRFP Fellowship

“recognizes and supports outstanding graduate students in NSF-supported STEM disciplines who are pursuing research-based master's and doctoral degrees at accredited US institutions”

nsfgrfp.org
NDSEG Fellowship

“serves as a means of increasing the number of United States citizens trained in science and engineering disciplines of military importance. This program is designed to encourage Baccalaureate recipients to enter Graduate school and ultimately gain Doctorates which align to the DoD services ... in research and development.”

ndseg.sysplus.com
NOAA Dr. Nancy Foster Scholarship

“provides support for **master’s and doctoral degrees in oceanography, marine biology, or maritime archaeology** ... and particularly encourages **women and members of minority groups** to apply ... research proposal aligns closely with NOAA’s mission, with **particular emphasis on meeting the science needs of the NOAA Office of National Marine Sanctuaries**”

fosterscholars.noaa.gov
P.D. Soros Fellowship for New Americans

For immigrants / first-generation immigrants

“identifying the most promising New Americans who are poised to make significant contributions to the nation through their work.

pdsoros.org/fellowship
Internal University Fellowships

ASK GRAD STUDENTS IN YOUR NEW LAB!

grad.ucdavis.edu/financial-support/internal-fellowships
WEST COAST

CASTORANI LAB

- Student funding opportunities (graduate & undergraduates)
  - Coastal Geology of America Grants to Malacology
  - Chesapeake Bay National Estuaries Research Reserve Graduate Research Fellowship (Virginia)
  - Chesapeake Bay Trust Grants
  - Department of Defense Science, Mathematics And Research For Transformation Scholarship-For-Service Program
  - Department of Energy Office of Science Graduate Fellowship
  - Dolores Zohreh Zollmann Fund
  - The Explorers’ Club Student Grants
  - Ford Foundation Fellowships
  - Garden Club of Virginia Conservation and Environmental Studies Fellowship
  - Graduate Education for Minorities Fellowship
  - Graduate Women in Science National Fellowships
  - Khalid bin Sultan Living Oceans Foundation Fellowship
  - Lewis and Clark Fund for Exploration and Field Research
  - Mid-Atlantic Sea Grant Regional Research Grants
  - National Aeronautics and Space Administration Earth and Space Science Fellowship
  - National Aeronautics and Space Administration Harriet G. Jenkins Predoctoral Fellowship
  - National Defense Science and Engineering Graduate Fellowship
  - National Geographic Scholarship Grants
  - National Oceanic and Atmospheric Administration Coastal Management Fellowship
  - National Oceanic and Atmospheric Administration Dr. Nancy Foster Scholarship
  - National Oceanic and Atmospheric Administration Fisheries/Sea Grant Fellowships
  - National Science Foundation Graduate Research Fellowship

EAST COAST

RESEARCH

- Castorani.evsc.virginia.edu/opportunities/

des.ucdavis.edu/faculty/baskett/links/academia.html#Grants
TIPS FOR GRANT/FELLOWSHIP APPLICATIONS

What are your strengths?
• What experiences/stories showcase them best?

What do you care about?
• Describe how the award’s aims align with your values.

Use Power Verbs that convey your excellence
• insights.dice.com/power-verbs-for-your-resume-and-cover-letter/

Edit! Edit! Edit!
• Leave time for friends/colleagues/advisors to review your application before you submit!
NEXT WEEK

APPLYING TO GRAD SCHOOL
To go to grad school ... you need to contact a potential adviser!

The Contemplative Mammoth
ice age ecology, early career academia, and diversity in STEM

So, you want to go to grad school? Nail the inquiry email

By Jacquelyn Gill on April 8, 2013 • ( 240 Comments )

BEFORE CLASS NEXT WEEK

Complete Assignments 5 & 6

Explore one of the grants listed above!

Email a prospective grad school adviser / employer!