



LECTURE 6

APPLYING TO GRANTS / FELLOWSHIPS

A sunset over the ocean with a white dashed border around the text.

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

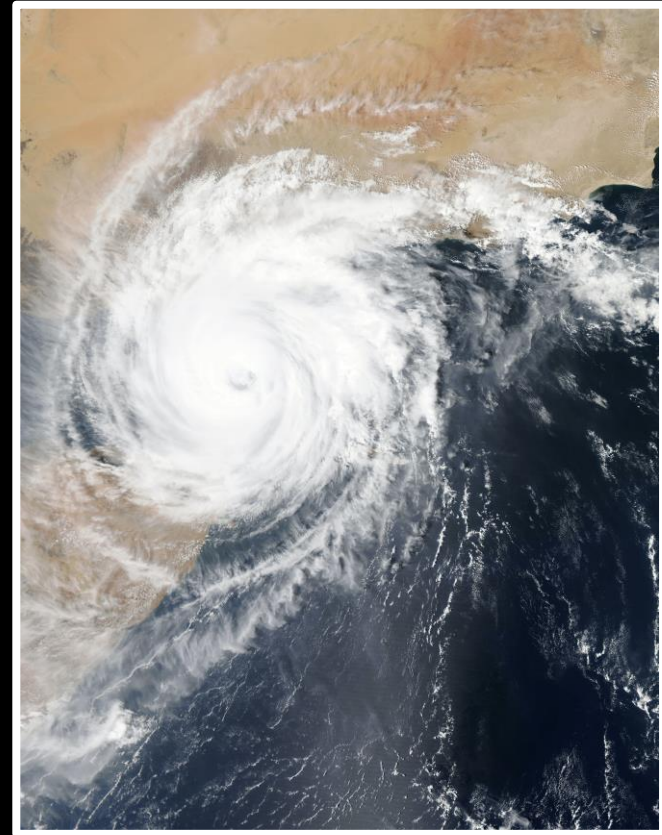
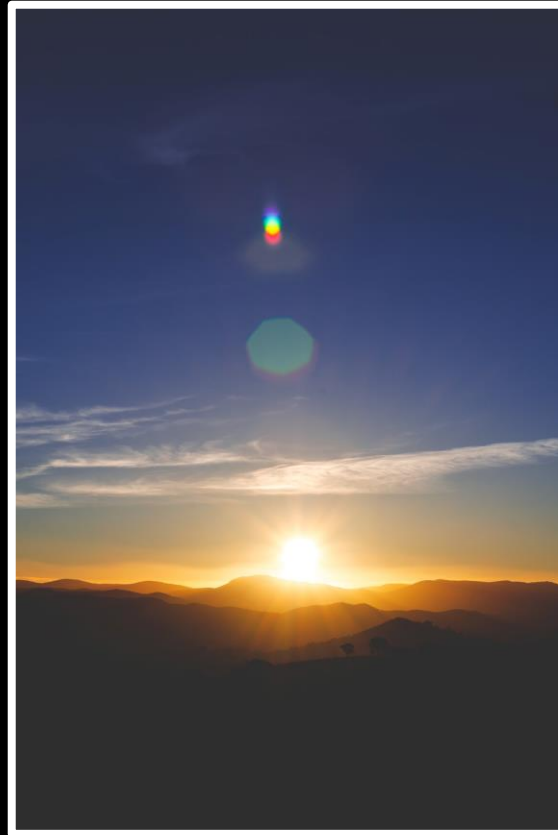
Contribute / Participate In Group Conversations

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

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Scholarships

Money to help pay for college

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Money to help pay for college

Work-Study Jobs

Paid position to earn money & gain experience

TYPES OF FINANCIAL AID

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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***

GRANTS & FELLOWSHIPS

*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**





**DURING
UNDERGRAD**



**AFTER
UNDERGRAD**



**FOR
GRAD SCHOOL**

**READ
THE FINE
PRINT**



**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



UCDC Program

“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.”

benefits.gov/benefit/2704



California Department of
Fish and Wildlife

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
INSTITUTE FOR
CONSERVATION
RESEARCH.

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

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**



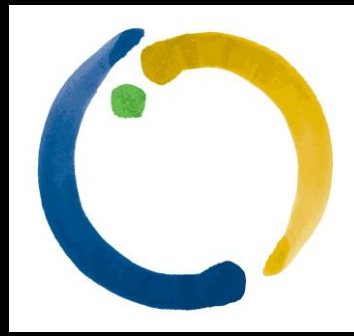
**FOR
GRAD SCHOOL**



Rolex Fellowship

“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



Fulbright Fellowship

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

globalaffairs.ucdavis.edu/fulbright



AmeriCorps

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/ameriacorps/ameriacorps-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



**DURING
UNDERGRAD**



**AFTER
UNDERGRAD**



**FOR
GRAD SCHOOL**

UC Davis Continuing undergrads fellowship FOR GRAD STUDENTS

Scholarship Application for Current and Continuing Undergraduates

Financial Aid and Scholarships > Scholarships > Undergraduate Scholarships > 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.

Continuing Undergraduate Scholarship Application

The application is now open and closes January 11, 2021

APPLY NOW!



Financial Aid Forms & Appeals



Consumer Information

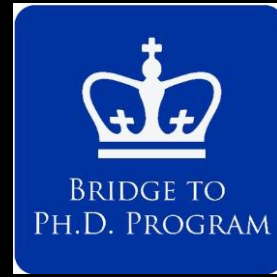


Important Dates

<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

augsborg.edu/stem/doctorate

UNIVERSITY Office
OF of the
CALIFORNIA President

UC Leadership Excellence through Advanced DegreeS (UC LEADS)

“**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”

ucop.edu/graduate-studies/initiatives-outreach/uc-leads.html



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”

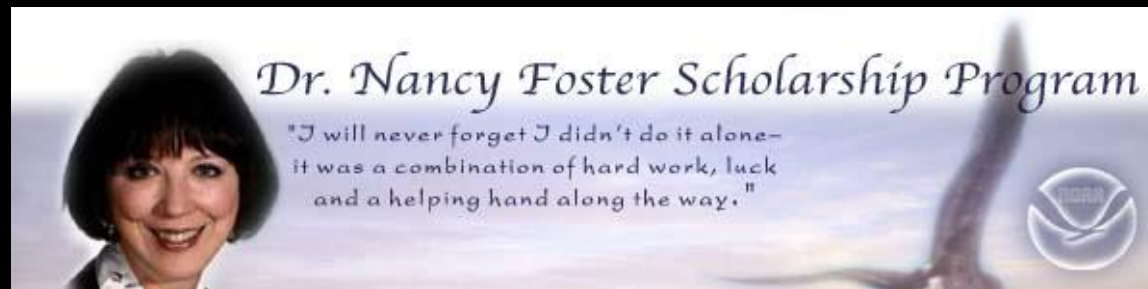
nsfgrfp.org



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

PAUL & DAISY
SOROS
FELLOWSHIPS FOR
NEW AMERICANS

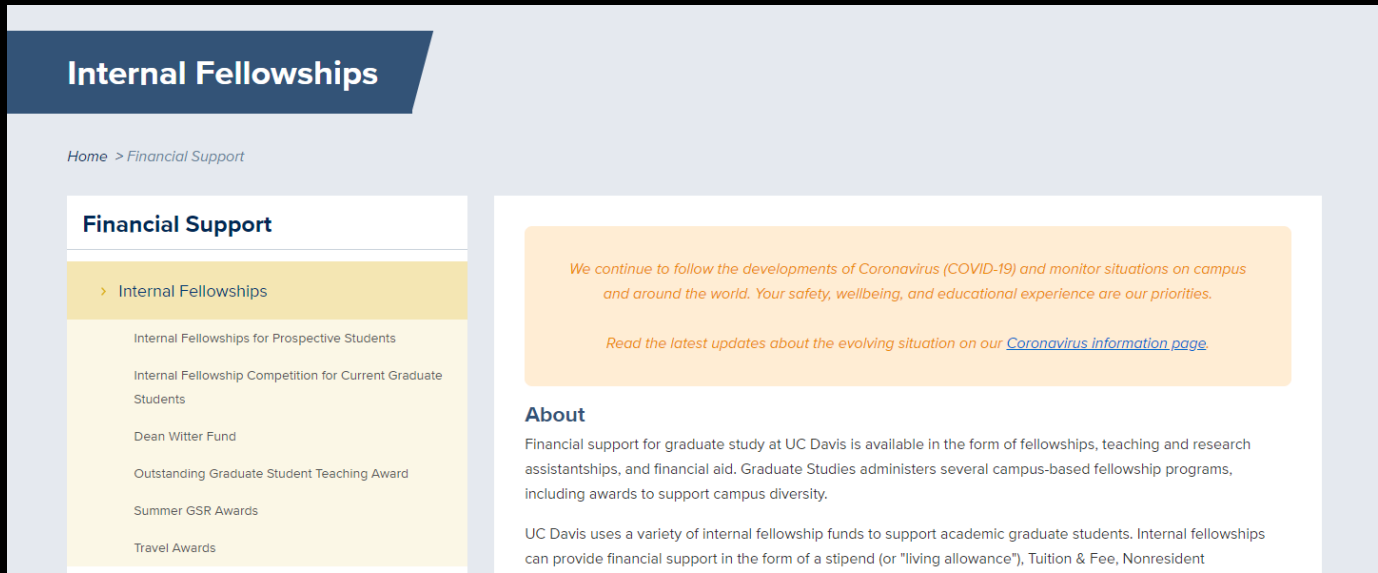


P.D. Soros Fellowship for New Americans

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

Grad funding		
Databases	Governmental	Topical
Cornell Graduate School Fellowships Database	National Science Foundation Doctoral Dissertation Improvement Grants, Biological Sciences and Graduate Research Fellowship Program (see also here as well as the UM resources on the NSF GREP) Environmental Protection Agency Science To Achievement Results (EPA STAR) and National Network for Environmental Management Studies Fellowship Program National Defense Science and Engineering Graduate Fellowship Department of Homeland Security Science and Technology Fellowships Department of Energy Science Graduate Fellowship Program Smithsonian Institution NRC Research Associate Programs USDA National Institute of Food and Agriculture (NIFA) Fellowships (predoctoral and postdoctoral) National Academy of Sciences Research Associateship Programs	Environmental/non-profit: Welder Wildlife Foundation Fellowships The Teresa Heinz Scholars for Environmental Research Wildlife Conservation Society Research Fellowship Program Switzer Environmental Fellowship Program American Museum of Natural History Grants and Fellowships American Philosophical Society Lewis & Clark Fund for Exploration and Field Research Marine/aquatic: National Sea Grant West Coast Sea Grant Steven Berkeley Marine Conservation Fellowship (AES) International Society for Reef Studies/The Ocean Conservancy Fellowship Living Oceans Foundation PADL Foundation Project AWABE Cen Cal California Marine Sciences Scholarship Theory/computational: ACM SIGCHP Intel Computational & Data Science Fellowships Mozilla Fellowship (open science/data sharing in the natural sciences)

Research/field work support	Underrepresented groups
Sigma Xi Explorers Club The Lewis and Clark Fund for Exploration and Field Research National Geographic Waite Grants Rafe Sagarin Fund for Innovative Ecology (graduate students and postdocs)	Harriett G. Jenkins Predoctoral Fellowship Program Ford Foundation Diversity Fellowships Graduate Women in Science Association for Women in Science American Association of University Women L'Oreal Dr. Nancy Foster Scholarship Program (NOAA - marine) Soros Fellowship for New Americans (international students) Graduate Women International See the Learn How To Become scholarship list for more

des.ucdavis.edu/faculty/baskett/links/academia.html#Grants

EAST COAST

CASTORANI LAB NEWS PEOPLE RESEARCH PUBLICATIONS DATA TEACHING

▲ Student funding opportunities (graduate & undergraduate)

- Conchologists of America Grants to Malacology
- Chesapeake Bay National Estuarine 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 Zohrab Liebmann 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
- Khaled 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 Harriett G. Jenkins Predoctoral Fellowship
- National Defense Science and Engineering Graduate Fellowship
- National Geographic Society 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

castorani.evsc.virginia.edu/opportunities/

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)

<https://contemplativemammoth.com/2013/04/08/so-you-want-to-go-to-grad-school-nail-the-inquiry-email/>

BEFORE CLASS NEXT WEEK

Complete Assignments
5 & 6

Explore one of the grants
listed above!

Email a prospective grad
school adviser / employer!



A sunset over the ocean with the word "QUESTIONS?" in a dashed white box. The sky is a mix of orange, red, and blue, and the water is dark with some ripples. The text is in a bold, white, sans-serif font.

QUESTIONS?