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Any opinions, findings and conclusions, or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the American Museum of Natural History.
Thanks for attending our workshop! In this packet, you will find resources to help you navigate funding and mentoring opportunities. We also link you to some media resources from students, scientists, and professionals that are actively engaging in discussions on graduate studies and beyond.

Be sure to check out our Facebook page, “SCCS Careers in Conservation” to access or share resources with current and past participants.

Please feel free to contact us with any questions or thoughts about the workshop:

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I. Some Great Articles

Making the Most of an REU (a student's perspective)
http://astrobites.org/2011/06/14/its-reu-season-heres-how-to-make-the-most-of-it/

How to Get a Job in Conservation (and love your work)

So Long, and Thanks for the Ph.D.: How to Succeed in Graduate School
http://www.cs.unc.edu/~azuma/hitch4.html

10 Things You Should Know Before Starting a Ph.D.
http://www.nextscientist.com/graduate-school-advice-series-starting-phd/

How to Fully Fund your Ph.D.
http://www.profellow.com/fellowships/how-to-fully-fund-your-phd/

Why You Shouldn’t Pursue a Ph.D.
II. Interesting Resources/Tools

Graphics for Conservation: How to Illustrate Your Story
http://scalar.usc.edu/works/graphics-for-conservation/index

CitSciScribe
http://citsciscrIBE.org/

GlobalGiving
https://www.globalgiving.org/nonprofits/

Writing a Journal Article
https://writingajournalarticle.wordpress.com/

III. Courses/Trainings

Training: Conservation with an Online or Field Based Training
http://www.doc.govt.nz/get-involved/training/

Biodiversity Indicators

United for Wildlife Free Online Courses
https://learn.unitedforwildlife.org/

Environmental Science
https://www.conted.ox.ac.uk/about/environmental-science

Biological Diversity
https://www.coursera.org/learn/biological-diversity

Durrell Conservation Academy Courses
https://www.durrell.org/wildlife/academy/courses/
IV. Some Great Mentoring Resources for Under-represented Students


Entering Mentoring: A Seminar to Train a New Generation of Scientists.
The Wisconsin Program for Scientific Teaching.

MentorNet: e-Mentoring for diversity in engineering and science
http://www.mentornet.net/

Center for Diversity & the Environment
http://cdeinspires.org/

ESA SEEDS: Diverse People for a Diverse Science
http://www.esa.org/seeds/

McNair Scholars Program
http://mcnairscholars.com/

Minority Postdoc Web Portal
http://www.minoritypostdoc.org/

The Leadership Alliance
http://www.theleadershipalliance.org/

National Center for Faculty Development and Diversity
http://www.facultydiversity.org/?

Green 2.0: Green Diversity Initiative
http://www.diversegreen.org/leadership/#

Roger Arliner Young (RAY) Marine Conservation Program
http://rayconservationfellows.org

Doris Duke Conservation Scholars
Summer Internship for Indigenous Peoples in Genomics Workshop-
http://sing.igb.illinois.edu/

Power Shift
https://powershift.org/

InDEEP Initiative
https://www.indeepinitiative.org/news

III. Funding Resources

**Undergraduate Students Only**

**Gates Millennium Scholarship** - covers unmet financial need and aid throughout undergraduate education; leadership and development program through graduation
http://www.gmsp.org

**Louis Stokes Alliance for Minority Participation (LSAMP) & Bridge to the Doctorate** -
https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13646

**National Science Foundation Research Experience for Undergraduates** – funds undergraduate research at a number of institutions across the U.S. and a few abroad:
http://www.nsf.gov/crssprgm/reu/

**Doris Duke Conservation Scholars Program** is a multi-year research and mentoring program run at several universities: the University of Washington, Northern Arizona University, the University of Florida, and several others. Google the program name to find all your options!

University of Washington: http://www.coenv.washington.edu/conservationscholars/
University of Florida: http://programs.ifas.ufl.edu/DDCSP/
Northern Arizona University: http://nau.edu/LCI/DDCSP/

**McNair Scholars Program** – funds undergraduate research, conference attendance, university visits, and graduate school applications for students from underrepresented groups at select universities
http://mcnairscholars.com/

**Udall Scholarship for Environmental Studies** - 50 scholarships of up to $5000 for sophomore and junior undergraduates with demonstrated commitment to environment or tribal public policy
http://udall.gov
Women Divers Hall of Fame Scholarships and Training Grants - Multiple scholarships that support research, internships, or tuition and fees related to conservation, marine biology, underwater archaeology, information technology, marine education, and journalism, graphic arts, or photography
http://www.wdhof.org/

Beneath the Sea Marine Careers Scholarships - Multiple scholarships that support diving training and education, as well as conservation and biological studies
http://www.beneaththesea.org/scholarships/44619

Beinecke Scholarship - for college juniors applying to graduate school. Successful applicants receive $4000 upon entering graduate school and a total of $30,000 while attending
http://fdnweb.org/beinecke/

Hudson River Human Diversity Network For Environmental Opportunities (HREON)- Internships and job opportunities at all levels!
http://www.esf.edu/nfi/diversity/

Roger Arliner Young (RAY) Marine Conservation Program- a program for recent undergraduates that supports mainstream environmental organizations in increasing and providing supported career pathways for people of color within the field
http://rayconservationfellows.org

Graduate Students Only

NSF Graduate Research Fellowship - funds around $30,000 of living expenses and $12,000 towards tuition, requires short research proposal and personal statement
https://www.nsfgrfp.org

Barry M. Goldwater Scholarship - http://www.act.org/goldwater/

The Mindlin Foundation Undergraduate Mentored Research Program- This program is intended to support promising undergraduates in the sciences or engineering, in a mentored research project that introduces the student to academic research.
https://mindlinfoundation.org/funding-opportunities/undergraduate-research-rfa/

American Indian Graduate Center Scholarships- the Nation's oldest and largest provider of scholarship and fellowships to American Indian and Alaska Native graduate and professional students.
http://www.aigcs.org/scholarships/

Pathways to Science- here is a link with lots of scholarship and fellowship opportunities at the
Master’s level:

**Pathways to Science** - here is a link with lots of scholarship and fellowship opportunities at the Doctorate level
http://pathwaystoscience.org/programs.aspx?u=GradPhDs_Graduate+Students+(PhD)&r=&s=&i=&link=&sm=&sd=&sy=&endm=&endy=&sa=either&p=YesPortable&o=either&c=either&f=&dd=&ft=&submit=y&adv=adv

**Russell E. Train Fellowships** - WWF supports individuals pursuing a master’s or doctoral degree in conservation
http://www.worldwildlife.org/projects/russell-e-train-fellowships

**Commonwealth Scholarships** - for Master’s and PhD study in the UK are offered for citizens of developing Commonwealth countries.
http://cscuk.dfid.gov.uk/apply/shared-scholarships/info-candidates/

**Global Trees Campaign Student Grant** - for MSc students undertaking research projects focused on the in situ conservation of a threatened tree species
http://globaltrees.org/news-blog/global-trees-campaign-launches-grant-scheme-for-masters-students/

**BIODIV Scholarships** - for the BIODIV doctoral program
http://biodiv.pt/call-2016-17

**MPhil in Conservation Leadership** - a full-time, 11-month, masters course, aimed at graduates of leadership potential with at least three to five years of relevant experience
http://www.geog.cam.ac.uk/graduate/mphil/conservation/

**David Suzuki Fellowship** - empowers emerging scholars to tackle complex environmental problems in their last year of a PhD program or in a postdoc

**Ford Foundation Fellowship Programs** - the Ford Foundation seeks to increase the diversity of the nation’s college and university faculties by increasing their ethnic and racial diversity, to maximize the educational benefits of diversity, and to increase the number of professors who can and will use diversity as a resource for enriching the education of all students
http://sites.nationalacademies.org/pga/fordfellowships/index.htm
Both Undergraduate & Graduate Students

Always check with your institution! **University Awards** can provide up-to-full funding for your course of study!

All students should also check out STEM resources for underrepresented students, provided by **Pathways to Science**. There are a variety of scholarships, internship opportunities, and helpful tips on how to apply.  [http://www.pathwaystoscience.org/index.aspx](http://www.pathwaystoscience.org/index.aspx)

**The Explorers Club Grants** - supports students working on a research project under a faculty mentor.  

**Boren Awards for International Study** - up to $20,000 for study & research abroad in languages of critical interest to U.S. national security  
[http://www.borenawards.org](http://www.borenawards.org)

**Foreign Language and Area Studies Fellowship** - tuition and living expenses scholarships of up to $15,000 for undergraduate students interested in pursuing language and area studies  

**The Marshall Scholarship & Fellowship** - funds study and living expenses at a UK institution -- highly competitive, but highly prestigious  

**The Mitchell Scholarship & Fellowship** - funds study and living expenses at an Irish institution  

**USFWS Directorate Resource Assistant Fellows Program** - provides a fellowship opportunity for undergraduate and graduate students to participate in a rigorous internship program with the U.S. Fish and Wildlife Service  
[https://www.fws.gov/workforwildlife/dfp.html](https://www.fws.gov/workforwildlife/dfp.html)

**Conservation Leadership Programme Team Awards** - funding $12,500 to teams of early-career conservationists to conduct projects on species that are categorised as Data Deficient, Vulnerable, Endangered or Critically Endangered on the IUCN Red List  

**EDGE Fellow** - provides structured training to early-career conservation biologists to undertake an applied research or conservation project on a local EDGE species  
**Latino Heritage Intern** - The Latino Heritage Intern Program is a component of an overarching service-wide strategy to address and correct the lack of Latino employment opportunities in the National Park Service
http://www.latinoheritageintern.com/

**Mosaic Internship** - Science internship that focuses on career exploration and building fundamental natural resource science skills
http://www.mosaicsinscience.org/internships/

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**Post-Doctoral**

**Collegiate Postdoctoral Fellowship Program** - a program aimed at supporting promising scholars who are committed to diversity in the academy and to prepare them for possible tenure track positions at University of Michigan’s College of Literature, Science, and the Arts (LSA). Applications for study in any of the field at LSA are welcome!
http://lsa.umich.edu/lsa/about/diversity-equity-and-inclusion/lsa-collegiate-postdoctoral-fellowship-program.html

**National Science Foundation Postdoctoral Fellowships**

**AAAS Science & Tech Policy Fellowships**
https://www.aaas.org/program/science-technology-policy-fellowships

**SCB’s David H. Smith Conservation Research Fellowships**
http://conbio.org/mini-sites/smith-fellows

**National Postdoctoral Association**
http://www.nationalpostdoc.org/

**International Postdoc Survival Guide**

**National Center for Faculty Development and Diversity**
http://www.facultydiversity.org/

**Willburforce Fellowship** - Year-long program providing leadership and science communication training, along with coaching and support, to scientists from a wide range of affiliations, career stages, and disciplines.
http://www.wilburforce.org/grants/fellowship/
Environmental Fellows Program- to enable recent doctorate recipients to use and expand Harvard's extraordinary resources to tackle complex environmental problems
http://environment.harvard.edu/environmental-fellows-program

International Scholarship Programme- for postgraduate studies to outstanding students from select developing countries
http://cscuk.dfid.gov.uk/apply/shared-scholarships/info-candidates/

UMBC’s Postdoctoral Fellowship- 2-year in residence fellowship that supports promising scholars who are committed to diversity in the academy and to prepare those scholars for possible tenure track appointments at UMBC.
http://facultydiversity.umbc.edu/postdocs/

David Suzuki Fellowship- empowers emerging scholars to tackle complex environmental problems in their last year of a PhD program or in a postdoc.

Grants

CBOT Endangered Species Fund

IUCN Small Grants
https://portals.iucn.org/best/?q=node%2F939

TWAS Grants for Scientific Meetings Held in Developing Countries
https://twas.org/opportunity/twas-grants-scientific-meetings-held-developing-countries

Reforestation Grants
https://www.worldwildlife.org/projects/reforestation-grants

Whitley Awards
http://whitleyaward.org/apply-for-conservation-funding/how-to-apply/

ARCOS’ Small Grant Programme

Holohil Grant Programs
http://www.holohil.com/grant-program/
FASEB Excellence in Science Award

Women in Research Travel Grant Competition
https://hub.wiley.com/community/society-resources/pages/resources-for-societies?elq_mid=15878&elq_cid=3931948

IV. Some Great blogs and other social media

Graduate School and Academia

#HOPEJAHRENSURECANWRITE about things.
http://hopejahrensurecanwrite.com/

How Not to Suck at Graduate School
https://www.mcgill.ca/connectionslab/blogs

Tenure, She Wrote
http://tenureshewrote.wordpress.com/

The Professor is In
http://theprofessorisin.com/pearlsofwisdom/

Education and Science
http://isisthescientist.blogspot.com

Women in Science and Engineering: 12 Must-read Bloggers
http://sites.nationalacademies.org/PGA/cwsem/PGA_050396

Women in Science
STEMINIST
http://steminist.com/

VanguardSTEM - Conservations with Women of Color in STEM
http://vanguardstem.com/

Pipettes and Paintbrushes- The gender pay gap and academia
https://sowhataboutseaweed.wordpress.com/tag/gender-equality/
Lack of Diversity in STEM is Dangerous for our Students

Under-represented Groups/Diversity in Science

Scientific American- The Urban Scientist
http://blogs.scientificamerican.com/urban-scientist/

Minority Postdoc
http://www.minoritypostdoc.org/

Diversity in Science carnival
http://www.minoritypostdoc.org/view/bloggers.html#carnival

Outdoor Afro
http://www.outdoorafro.com/

Fairer Science Weblog
http://www.fairerscience.org/fs-blogs/index.html

The Hill-Conservation Efforts Must Reckon with Diversity
http://thehill.com/blogs/pundits-blog/energy-environment/349694-conservation-efforts-must-reckon-with-diversity-and

Diversity: A Nature & Scientific American Special Issue
http://www.nature.com/news/diversity-1.15913

Conservation Zines
https://issuu.com/osi_aplaceforlife/stacks/7bedba579129467693a2c935ee88640f

Xojnae- Where Are All The Disabled Scientists?

LGBTQ
National Organization of Gay and Lesbian Scientists and Technical Professionals Inc.
http://www.noglstp.org/

Orion Magazine- How to Queer Ecology: One Goose at a Time
http://www.orionmagazine.org/index.php/articles/article/6166

Diversity in Science Carnival- “It’s here! The DiS Carnival #17 - PRIDE!”
http://scientopia.org/blogs/gertyz/2012/07/05/its-here-the-dis-pride-carnival/
Denim and Tweed- Diversity in Science Carnival: Pride Month 2011

Gravity’s Rainbow- “Where are the other queer ecologists?”
http://sarcozona.org/2011/06/23/where-are-the-other-queer-ecologists/

Boingboing- Coming out in the Sciences Part II: Your stories, today

Twitter
Increasingly, conservation scientists are joining Twitter to discuss and promote their research and even advertise opportunities. Many of the science bloggers listed above are on twitter and you might even find that authors on some of your favorite/most cited scientific articles are as well. In addition to “following”, there are other ways to network and engage with conservation scientists on Twitter. Groups of students, professors, and professionals are fostering dialogue around issues in the field through Twitter hashtag (#) conversations, allowing for a more inclusive dialogue that only requires a Twitter account! Examples include: #BLACKandSTEM #WomenInScience #POCinScience #VanguardSTEM #DiversifyEEB