

*This list has been compiled for ENT 791, Fellowship & Grant Writing in the Biological Sciences, offered Fall semester at NC State University. Information is provided in good faith and is not intended to replace program webpages for up to date changes in RFAs, deadlines, and requirements.*

*Please contact Hannah Burrack ([hjburrac@ncsu.edu](mailto:hjburrac@ncsu.edu)) with questions.*

**Why you should apply for a fellowship or grant (in no particular order)**

- It looks great on your CV.
- Fellowships may pay more than standard stipends, generally do not have requirements outside your research, and are not dependent on department or PI support.
- Forces you to clearly articulate your goals before beginning research.
- Provides an external review of your proposed research.
- Allows you to explore questions beyond your PI's interest and/or funding.
- Did I mention it looks great on your CV?

**How to apply for fellowships or grants**

- Find an appropriate fellowship.
- Start early! Writing takes more time than you think.
- Solicit reviews of your proposal from your PI, other faculty, students, post docs, and experts in your field.
- Edit! The most important part of writing is rewriting.
- If required, identify the best references and give them adequate notice.
- Submit before the deadline, if at all possible.
- If at first you don't succeed, try again!

**Graduate Student Fellowships & Grants, 2013**

*Early Career Graduate Students*

*Undergraduates, First year, or Second year graduate students unless otherwise noted*

<b>Agency</b>	<b>Title</b>	<b>Eligibility</b>	<b>Duration</b>	<b>Application specifics</b>	<b>Web link</b>	<b>Deadline</b>
National Science Foundation	Graduate Research	US citizen pursuing a research based master's or doctoral degree	3 years	2 sections - proposed	<a href="http://www.nsfgrfp.org/">http://www.nsfgrfp.org/</a>	November 8, 2013 (Life

(NSF)	Fellowship	in STEM		research and background		Sciences)
Department of Energy Office of Science	Graduate Fellowship Program (DOE SCGF)	US citizens applying or enrolled in MS or PhD program who have not already received a federal fellowship. Students who have been in their program for more than 3 years are not eligible. Research must align with DOE Office of Science missions.	3 years stipend, tuition, and research support	3 essays, GRE scores	<a href="http://scgf.ora.gov/index.html">http://scgf.ora.gov/index.html</a>	January 2014 (anticipated)
Paul and Daisy Soros	Fellowships for New Americans	Individuals under 30 years old who (1) are a resident aliens, i.e., hold a Green Card; or, (2) have been naturalized as a US citizen, or (3) are children of a US naturalized parent (other parent cannot be US born)	2 years	2 – 1000 word essays	<a href="http://www.pdsoros.org/forms/">http://www.pdsoros.org/forms/</a>	November 8, 2013
Ford Foundation	Predocctoral	US citizens & legal residents pursuing a PhD  Intended to increase diversity within the academy	Pre doc: 3 years  Dissertation & Post doc: 12 mo.	3 – 2 page statements	<a href="http://sites.nationalacademies.org/Pages/A/FordFellowship/index.htm">http://sites.nationalacademies.org/Pages/A/FordFellowship/index.htm</a>	November 20, 2013
Department of Defense (DOD)	National Defense Science & Engineering Graduate Fellowship (NDSEG)	Research must of interest to one of the branches of the military	3 years	See <a href="http://ndseg.asee.org/application_instructions">http://ndseg.asee.org/application_instructions</a>	<a href="http://ndseg.asee.org/">http://ndseg.asee.org/</a>	December 2013 (anticipated)
Natural Sciences and Engineering	NSERC	Canadian residents who have graduated from Canadian	2-3 years		<a href="http://www.nserc-crsng.gc.ca/Stude">http://www.nserc-crsng.gc.ca/Stude</a>	October 15, 2013

Research Council of Canada (NSERC)	Postgraduate Scholarships	Universities. Both M.S. and Ph.D See program information for further details.			nts-Etudiants/PG-CS/BellandPostgrad-BelletSuperieures_eng.asp	
Smithsonian Institute	Minority Internship Program	Undergraduates or early career graduate students from underrepresented groups. 3.0 GPA or higher expected. Evolution and systematic biology projects.	10 week internship		<a href="http://www.smithsonianof.com/internship-opportunities/minority-awards-program/">http://www.smithsonianof.com/internship-opportunities/minority-awards-program/</a>	February 1 or October 1
Smithsonian Institute	Graduate Student Fellowship	3.0 GPA or higher expected. Evolution and systematic biology projects.	10 week internship		<a href="http://www.smithsonianof.com/fellowship-opportunities/smithsonian-institution-fellowship-program/">http://www.smithsonianof.com/fellowship-opportunities/smithsonian-institution-fellowship-program/</a>	January 15, 2013
International Plant Nutrition Institute	Potassium Fellowship Program	Either M.S. or Ph.D. Up to \$70,000 per year for tuition, fees, salary, and research expenses	Up to 4 years	Projects should study K in agricultural systems	<a href="http://www.ipni.net/article/IPNI-3286">http://www.ipni.net/article/IPNI-3286</a>	April 2014 (anticipated)

### ***Graduate Students***

#### ***Early career graduate students and students who have advanced to candidacy***

<b>Agency</b>	<b>Title</b>	<b>Eligibility</b>	<b>Duration</b>	<b>Application specifics</b>	<b>Website</b>	<b>Deadline</b>
US State Department	Fulbright Graduate Student Fellowships	Both US and international student programs (applications and requirements differ)	1 year of international study		<a href="http://us.fulbrightonline.org/applicants">http://us.fulbrightonline.org/applicants</a>	October 15, 2013

Sigma Xi	Grants in Aid of Research	Undergraduate or graduate, no citizenship requirements	1 year	Up to \$1000 research grants to be used for travel or equipment (not standard supplies)	<a href="http://www.sigmaxi.org/programs/giar/">http://www.sigmaxi.org/programs/giar/</a>	October 15 & March 15 annually
National Science Foundation (NSF)	East Asia and Pacific Summer Institutes for U.S. Graduate Students (EAPSI)	U.S. citizen or permanent resident; Enrolled in a research-oriented Master's or Ph.D. degree program (including joint degree programs)	June through August (summer program)	Travel and research support to work in Asian/Pacific Institutions	<a href="http://nsf.gov/funding/pgm_summ.jsp?pims_id=5284&amp;org=BIO&amp;sel_org=BIO&amp;from=fund">http://nsf.gov/funding/pgm_summ.jsp?pims_id=5284&amp;org=BIO&amp;sel_org=BIO&amp;from=fund</a>	November 14, 2013 (anticipated)
Graduate Women in Science (GWIS)		Women scientists pursuing an MS or PhD  Funds to be used for research, not subsistence, travel, or tuition	1 year	4 page proposal, \$50 application fee, waived for members. \$10,000 maximum	<a href="http://gwis.org/national-fellowships-program/">http://gwis.org/national-fellowships-program/</a>	January 2014 (anticipated)
Acumen Fund	Global Fellows Program	Training and support to conduct development work, targeted at poverty alleviation.	1 year		<a href="http://acumen.org/leaders/global-fellows/">http://acumen.org/leaders/global-fellows/</a>	October 2013 (anticipated)
US Agency for International Development (USAID)	Borlaug Fellows in Global Food Security	US citizens, working internationally at qualified international research stations. Must have domestic and international mentors.	6 months to 2 years	\$15,000-\$40,000, dependent upon length of stay	<a href="http://www.purdue.edu/discoverypark/food/borlaugfellows/research-fellowship/rfa.php">http://www.purdue.edu/discoverypark/food/borlaugfellows/research-fellowship/rfa.php</a>	November 11, 2013

Margaret Mcnamara Memorial Fund	MMMF Grant	Female residents of developing countries currently enrolled in graduate studies in the United States who plan to return to their country of citizenship post graduation	1 year	\$12,000	<a href="http://www.mmmf-grants.org/grants-us.html">http://www.mmmf-grants.org/grants-us.html</a>	Fall 2013
National Security Education Program	Boren Fellowships	US citizens currently enrolled in a graduate program. Intended to add international research and language study to program.	3-24 months of international study	Up to \$30,000/year	<a href="http://www.borenawards.org/boren_fellowship/how_apply.html">http://www.borenawards.org/boren_fellowship/how_apply.html</a>	January 28, 2014
National Estuarine Reserve System	Graduate Research Fellowships	Enrolled in accredited graduate program	1 year	\$20,000 in support, requires a 30% (\$8,572 non federal match)	<a href="http://nerrs.noaa.gov/GRFDdefault.aspx?ID=23">http://nerrs.noaa.gov/GRFDdefault.aspx?ID=23</a>	November 2013 (anticipated)
P.E.O. International	P.E.O. International Peace Scholarship	Female non US citizens or permanent resident enrolled in a doctoral program with at least 1 year remaining. Must plan to return to their home country upon graduation	1 year	\$10,000 in support Eligibility form must be completed first.	<a href="http://www.peointernational.org/sites/www.peointernational.org/files/content/psa_policies_2012.03.23.pdf">http://www.peointernational.org/sites/www.peointernational.org/files/content/psa_policies_2012.03.23.pdf</a>	December 15, 2013
P.E.O. International	P.E.O. Scholar Awards	Female US citizens or permanent residents enrolled in a doctoral program with at least 1 year remaining.	1 year	Varies, based on applicant pool	<a href="http://www.peointernational.org/peo-projects/philanthropies">http://www.peointernational.org/peo-projects/philanthropies</a>	Chapter Nominations due November 2013

		Nomination must be made through local P.E.O. International Chapter ( <a href="http://www.peonc.org/">http://www.peonc.org/</a> )				(anticipated), Application due date varies
American Philosophical Society	The Lewis and Clark Fund for Exploration and Field Research	US citizens or permanent resident doctoral students	Field work travel award	Up to \$5,000	<a href="http://www.amphilsoc.org/grants/lewisandclark">http://www.amphilsoc.org/grants/lewisandclark</a>	February 3, 2014; Letters of support must be received by January 30, 2014
Department of Defence	SMART (Science, Mathematics, and Research for Transformation) Scholarship program	Currently enrolled graduate student with 3.0 GPA or greater. US citizens eligible for security clearance.		Tuition/fees, stipend, internship during grad school, post graduate assignment with the department as a civilian employee.	<a href="http://smart.asae.org/">http://smart.asae.org/</a>	December 16, 2013
NASA	Graduate Student Researchers Program	US citizens at any point in their graduate career. University and NASA center mentors required.	12 month award with 10 week research experience with NASA researchers		<a href="https://fellows.hips.nasaprs.com/gsrp/nav/">https://fellows.hips.nasaprs.com/gsrp/nav/</a>	March 2014 (anticipated)
National Institutes of Health (NIH)	Ruth L. Kirschstein National	US citizens & legal residents pursuing a health related PhD aligned with an NIH	Up to 5 years		<a href="http://grants.nih.gov/grants/guide/contacts/">http://grants.nih.gov/grants/guide/contacts/</a>	3 rolling dates

	Research Service Awards for Individual Predoctoral Fellows	center's mission			<a href="#">parent_F31.html</a>	
Environmental Protection Agency (EPA)	Science to Achieve Results (STAR)	US citizens & legal residents pursuing an MS or PhD	2 years (MS), 3 years (PhD)	1000 word personal statement, 4500 word proposal	<a href="http://www.epa.gov/ncer/rfa/2013/2013_star_gradfellow.html">http://www.epa.gov/ncer/rfa/2013/2013_star_gradfellow.html</a>	November 2013 (anticipated)
Environmental Protection Agency (EPA)	National Network for Environmental Management Studies (NNEMS)	US citizens & legal residents. Currently enrolled in a graduate program with minimum 3.0 GPA. For research conducted at EPA office or laboratory on specific projects (Note that there is an EPA office in RTP)	Up to 3 years	Up to \$10,000; Research grant	<a href="http://www.epa.gov/education/students.html">http://www.epa.gov/education/students.html</a>	January 2014 (anticipated)
Schulmberger Foundation	Faculty for the Future	Female applicants from developing countries that plan to return to your home country post graduation. Engaged in research in physical sciences, engineering, or technology or a biological sciences project which is multidisciplinary in nature. Must be applying to or currently enrolled in grad program.		Amount varies based on actual costs.	<a href="http://www.facultyforthefuture.net/content/grant-application-process">http://www.facultyforthefuture.net/content/grant-application-process</a>	November 13, 2013

Southern Region Sustainable Agriculture Research and Education (SARE)	Graduate Student Grant in Sustainable Agriculture	Full time graduate student at Southern Region university (other regions have similar programs)	Up to 3 years	Up to \$11,000 in research funding	<a href="http://www.southernregion.org/Grants/Types-of-Grants/Graduate-Student-Grants">http://www.southernregion.org/Grants/Types-of-Grants/Graduate-Student-Grants</a>	June 2014 (anticipated)
Smithsonian Tropical Research Institute	Short-term Fellowships	Support to conduct research in residence at the STRI in Panama.	Up to 3 months		<a href="http://www.stri.si.edu/english/education_fellowships/fellowships/index.php">http://www.stri.si.edu/english/education_fellowships/fellowships/index.php</a>	January 15, April 15, July 15, and October 15
		Students must have completed one year of graduate study.			<a href="http://www.nescent.org/science/GraduateFellowships.php">http://www.nescent.org/science/GraduateFellowships.php</a>	

***Advanced to Candidacy***

<b>Agency</b>	<b>Title</b>	<b>Eligibility</b>	<b>Duration</b>	<b>Application specifics</b>	<b>Website</b>	<b>Deadline</b>
Ford Foundation	Dissertation	US citizens & legal residents pursuing a PhD  Intended to increase diversity within the academy	12 months	3 – 2 page statements	<a href="http://sites.nationalacademies.org/PGA/FordFellowships/PGA_048203">http://sites.nationalacademies.org/PGA/FordFellowships/PGA_048203</a>	November 2013 (anticipated)
National Science	Doctoral Dissertation	Applicants must have advanced to candidacy	Up to 2 years	Up to \$15,000	<a href="http://www.nsf.gov/funding/pgm_">http://www.nsf.gov/funding/pgm_</a>	October 10, 2013



Foundation (NSF)	Improvement Grant			(research or travel grant)	summ.jsp?pims_id=5234	(anticipated)
National Institute of Food and Agriculture (NIFA)	NIFA Fellowships Grants Program	Applicants must have advanced to candidacy (pre doc)  Projects must be multidisciplinary <b>research, education, extension, and integrated</b> projects	2 years	Pre doc: \$75,000 cap  Application follows typical USDA format	<a href="http://www.nifa.usda.gov/funding/rfa/afri.html">http://www.nifa.usda.gov/funding/rfa/afri.html</a>	Letter of intent, November 2013  Proposal, January 2014 (anticipated)
American Association of University Women (AAUW)	Dissertation Fellowship	Women US citizens & legal residents pursuing a PhD who have advanced to candidacy  Also awards fellowships for international scholars.	12 months	\$20,000 fellowship; Budget required, \$40 filing fee	<a href="http://www.aauw.org/what-we-do/educational-funding-and-awards/american-fellowships/american-fellowship-application/">http://www.aauw.org/what-we-do/educational-funding-and-awards/american-fellowships/american-fellowship-application/</a>	November 15, 2013
Smithsonian Institute	Molecular Evolution Fellowships	Students at or near the end of their PhD.	12-24 months of study with Smithsonian scientist(s)		<a href="http://www.smithsonianofi.com/fellowship-opportunities/molecular-evolution-fellowship-program/">http://www.smithsonianofi.com/fellowship-opportunities/molecular-evolution-fellowship-program/</a>	January 2014 (anticipated)
Smithsonian Institute	Smithsonian Institute Predoctoral Fellowship	Natural history/systematics projects are good fit.	3-12 months		<a href="http://www.smithsonianofi.com/fellowship-opportunities/smithsonian-institution-fellowship-program/">http://www.smithsonianofi.com/fellowship-opportunities/smithsonian-institution-fellowship-program/</a>	January 15, 2014
Resources for	Joseph L. Fisher	Students in the last year of their	1 year	\$18,000, For	<a href="http://www.rff.o">http://www.rff.o</a>	February

the Future	Doctoral Dissertation Fellowship	PhD working on issues related to the environment, natural resources, and/or energy. RFAs are geared to social sciences. Proposals for work in the biological sciences should have near term application to policy.	stipend	use in the final year of graduate program	rg/rff/About/Fellowships_and_Internships/Fisher/Joseph-L-Fisher-Doctoral-Dissertation-Fellowships.cfm	2014 (anticipated)
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***Post Doctoral***

<b>Agency</b>	<b>Title</b>	<b>Eligibility</b>	<b>Duration</b>	<b>Application specifics</b>	<b>Website</b>	<b>Deadline</b>
Life Sciences Research Foundation	Post Doctoral Fellowship Program	US citizens and foreign nationals working in US laboratories. Completed or will complete degree by start of fellowship.	3 years	5 page proposal with letters from sponsor and 3 references	<a href="http://www.lsrff.org/pages/welcome.htm">http://www.lsrff.org/pages/welcome.htm</a>	October 1, 2013; Letters of Support, November 1
National Institute of Food and Agriculture (NIFA)	NIFA Fellowships Grants Program	Applicants must have completed degree within 3 years  Projects must be multidisciplinary research, education, extension, and integrated projects	Up to 2 years	Post doc: \$130,000 cap  Application follows typical USDA format	<a href="http://www.nifa.usda.gov/funding/rfa/afri.html">http://www.nifa.usda.gov/funding/rfa/afri.html</a>	Letter of intent, November 2013 Proposal, January 2014 (anticipated)
National Science Foundation (NSF)	Post Doctoral Fellowships in Biology	Graduate student or recent graduate; US Citizens/permanent residents	Up to 3 years, typically 1 to 2		<a href="http://nsf.gov/funding/pgm_summ.jsp?pims_id=503622&amp;org=BIO&amp;sel_org=BIO&amp;from=fund">http://nsf.gov/funding/pgm_summ.jsp?pims_id=503622&amp;org=BIO&amp;sel_org=BIO&amp;from=fund</a>	October 8, 2013
National Science	NSF Science, Engineering, and	US Citizen with a PhD who has not worked more than 36	Up to 3 years		<a href="http://www.nsf.gov/funding/pgm">http://www.nsf.gov/funding/pgm</a>	November 26, 2013

Foundation (NSF)	Education for Sustainability Fellows (SEES Fellows)	in their field of study following graduation. Project must be multidisciplinary.			<a href="http://summ.jsp?pims_id=504673">summ.jsp?pims_id=504673</a>	
Ford Foundation	Postdoctoral Fellowships	US citizens & legal residents pursuing a PhD  Intended to increase diversity within the academy	12 months	3 – 2 page statements	<a href="http://sites.nationalacademies.org/PGA/FordFellowships/PGA_048203">http://sites.nationalacademies.org/PGA/FordFellowships/PGA_048203</a>	November 2013 (anticipated)
Society for Conservation Biology	David H. Smith Conservation Research Fellowships	Postdoctoral scholars of any nationality	2 years	Two year annual salary of \$50,000, research funds of more than \$32,000 and an \$8,000 travel budget	<a href="http://www.conbio.org/mini-sites/smith-fellows/apply/proposal-guidelines">http://www.conbio.org/mini-sites/smith-fellows/apply/proposal-guidelines</a>	September 20, 2013
Smithsonian Institute	James Smithson Fellowship Program	Postdoctoral Fellowships; Natural history/systematics projects are good fit.			<a href="http://www.smithsonianof.com/fellowship-opportunities/james-smithson-fellowship-program/">http://www.smithsonianof.com/fellowship-opportunities/james-smithson-fellowship-program/</a>	January 15, 2014
Smithsonian Institute	Post Doctoral Fellowship Program	Natural history/systematics projects are good fit.	3-24 months		<a href="http://www.smithsonianof.com/fellowship-opportunities/smithsonian-institution-fellowship-program/">http://www.smithsonianof.com/fellowship-opportunities/smithsonian-institution-fellowship-program/</a>	January 15, 2014

Smithsonian Institute	Biodiversity, Genomics, and Bioinformatics Fellowship Program	Support for research in residence at SI facilities on biodiversity, genomics, and bioinformatics.	12 to 24 months		<a href="http://www.smithsonianofifi.com/fellowship-opportunities/smithsonian-biodiversity-genomics-and-bioinformatics-postdoctoral-fellowship-program/">http://www.smithsonianofifi.com/fellowship-opportunities/smithsonian-biodiversity-genomics-and-bioinformatics-postdoctoral-fellowship-program/</a>	January 2014 (anticipated)
Smithsonian Institute	Mpala Postdoctoral Fellowship	Support to conduct research at or relevant to Mpala Research Center, Kenya.	12 to 24 months		<a href="http://www.smithsonianofifi.com/fellowship-opportunities/mpala-postdoctoral-fellowship/">http://www.smithsonianofifi.com/fellowship-opportunities/mpala-postdoctoral-fellowship/</a>	January 2014 (anticipated)
Smithsonian Institute	Stable Isotope Interdisciplinary Post Doctoral Fellowship	Support to conduct research that involves stable isotopes (SI) at one of two pan-institutional SI facilities.	12 months, at least 4 of which in residence at SI research facility		<a href="http://www.smithsonianofifi.com/fellowship-opportunities/stable-isotope-interdisciplinary-post-doctoral-fellowship/">http://www.smithsonianofifi.com/fellowship-opportunities/stable-isotope-interdisciplinary-post-doctoral-fellowship/</a>	January 2014 (anticipated)
American Philosophical Society	Post Doctoral Fellowship in Biological Sciences	Stipend to support innovative research in the biological sciences.	2 years		<a href="http://www.amphilsoc.org/grants/biologicalscience">http://www.amphilsoc.org/grants/biologicalscience</a>	March 2014 (anticipated)
American Philosophical Society	Franklin Research Grants	Research grants for travel or field/laboratory research. Targeted to recent graduates.		Up to \$6000	<a href="http://www.amphilsoc.org/grants/franklin">http://www.amphilsoc.org/grants/franklin</a>	October 1 or December 1, 2014

Simons Foundation	Simmons Collaboration on the Origins of Life Post Doctoral Fellowship	Applicants must have completed their PhD within 5 years of application. Funds for “origins related” fields, including chemistry, biology, genetics, astrobiology, etc.	1 year with potential for up to 2 years renewal funding	\$50,000 stipend plus benefits and research funding	<a href="https://www.simonsfoundation.org/funding/funding-opportunities/life-sciences/simmons-collaboration-on-the-origins-of-life/simmons-collaboration-on-the-origins-of-life-postdoctoral-fellowship-request-for-applications/">https://www.simonsfoundation.org/funding/funding-opportunities/life-sciences/simmons-collaboration-on-the-origins-of-life/simmons-collaboration-on-the-origins-of-life-postdoctoral-fellowship-request-for-applications/</a>	May 2014 (anticipated)
NIMBioS	Postdoctoral fellowship in mathematical biology	Supports research projects that integrate math and biology. Housed at University of Tennessee/Oak Ridge Labs. No citizenship restrictions.	2 year postdoctoral position	\$51,000 salary plus travel support and access to research facilities	<a href="http://www.nimbios.org/postdocs/">http://www.nimbios.org/postdocs/</a>	Sept 1 and Dec 11, annually
National Evolutionary Synthesis Center	NESCent Postdoctoral fellowship	Projects on Evolutionary Medicine, Synthetic Biology and Origins of Life, Evolution and the Social Sciences, and K-12 Minority Education in Evolution highly encouraged. Housed at NESCent in Durham. No citizenship restrictions.	2 year postdoctoral position	\$41,000 salary plus \$5000 in research expenses	<a href="http://www.nescent.org/science/postdoctoral.php">http://www.nescent.org/science/postdoctoral.php</a>	

					<a href="http://www.aspcar.edu/pdf/pd_announcement.php">http://www.aspcar.edu/pdf/pd_announcement.php</a>	
					<a href="http://sites.nationalacademies.org/PGA/policyfellows/index.htm">http://sites.nationalacademies.org/PGA/policyfellows/index.htm</a>	
					<a href="http://sites.nationalacademies.org/PGA/RAP/PGA_050491">http://sites.nationalacademies.org/PGA/RAP/PGA_050491</a>	

*In addition to programs specifically intended for graduate students/post docs, non faculty members can also serve as principal investigators (PIs) on competitive grants with the approval of their department head and college administration.*

***Information to add:***

***[http://www.nsfgrfp.org/additional\\_resources/other\\_funding\\_opportunities](http://www.nsfgrfp.org/additional_resources/other_funding_opportunities)***

***<http://www.fic.nih.gov/FUNDING/NONNIH/Pages/predoctoral-graduate.aspx>***