

Undergraduate Research at Emory College

Since this document was created and is maintained by the Center for Science Education, it does not emphasize opportunities available through non-science College departments. You can find a listing of all College academic departments at <http://www.emory.edu/COLLEGE/departments/index.html>, and consult the Office for Undergraduate Education (<http://college.emory.edu/about/undergrad/>) for opportunities in all areas.

Opportunities are available year-round, with summer opportunities usually affording more time to concentrate on your work and requiring a larger time commitment. Opportunities may be paid, unpaid, or for-credit. Volunteer and paid opportunities are regularly advertised on LearnLink; these usually appear in the "Emory Classifieds" and in various class and departmental conferences. Departments usually have a designated undergraduate research coordinator who can outline opportunities available to you, and help you identify a mentor or program.

For advice in finding a science research mentor, see http://www.cse.emory.edu/sciencenet/undergrad/finding_mentor.html.

Undergraduate Science Research Coordinators by Department:

Anthropology: Debbie Keyes, dkeyes@emory.edu, 404-727-4123

<http://www.emory.edu/COLLEGE/ANTHROPOLOGY/UNDERGRAD/>

Biology: Dr. Rachele Spell, rachele.spell@emory.edu, 404-727-5828

http://www.biology.emory.edu/html/education_ugrad.html (scroll down to undergraduate research opportunities)

Chemistry: Dr. José Soria, jdsoria@emory.edu, 404-727-6148

http://www.chemistry.emory.edu/undergraduate/undergrad_research.html

Environmental Studies: Dr. John Wegner, jwegner@emory.edu, 404-727-4206

<http://www.envs.emory.edu/undergrad/research.html>

Math and Computer Science: Dr. Emily Hamilton, emh@mathcs.emory.edu, 404-727-0885

<http://www.mathcs.emory.edu/research.php>

Neuroscience and Behavioral Biology (NBB): Dr. Keith Easterling, keaster@emory.edu, 404-727-4743

<http://www.nbb.emory.edu/research/index.html>

Physics: Dr. Eric Weeks, eric.weeks@emory.edu, 404-727-4479

<http://www.physics.emory.edu/undergrad/research.html>

Psychology: Dr. Barbara Strock, bstrock@emory.edu, 404-727-2999

<http://www.emory.edu/PSYCH/Office/handbook.html>

Funding for Undergraduate Research Science* Projects:

*Sciences defined as: biology, chemistry, physics, math and computer sciences, and depending on the nature of the project, anthropology, psychology, environmental studies and public health.

	FUNDING SOURCE / DESCRIPTION	ELIGIBILITY		RESEARCH AREA	AVAILABILITY			APPLICATION DEADLINE	CONTACT PERSON / WEBSITE
		Emory Under-Graduates	Non-Emory Under-Graduates		Fall	Spring	Summer		
Grant Supplements	National Institutes of Health; National Science Foundation funding for undergraduate involvement in existing research grants; possibly others.	YES	No	Areas funded by NSF and NIH	YES	YES	YES	Year-round	How it works: your mentor would file a supplemental request to an existing grant. <u>NSF</u> : funds all students. http://www.nsf.gov/pubs/2007/nsf07569/nsf07569.htm . <u>NIH</u> : funds minority and disadvantaged students. http://grants.nih.gov/grants/guide/pa-files/PA-08-190.html <u>Other Funding Agencies</u> : Consult your mentor
International Research Experience in Science (IRES)	Office for Undergraduate Education, CIPA, Center for Science Education	YES	No	Sciences*	No	No	YES	October	http://college.emory.edu/current/achievement/research/SIRE/summer/ires.html
Other part-time work	Not related to financial aid need	YES	YES	All areas	YES	YES	YES	Variable	http://www.emory.edu/FINANCIAL_AID/student_employment/types-

									of-employment.php
Scholarly Inquiry and Research Experience (SIRE) – Research Partners	Office for Undergraduate Education, Emory College Eligibility: second and third-year students	YES	No	All areas	YES	YES	YES	<ul style="list-style-type: none"> • May for Summer session • March for academic year 	Dr. Leah Roesch, leah.roesch@emory.edu , Office of Undergraduate Education See http://college.emory.edu/current/achievement/research/SIRE/partners/index.html
Scholarly Inquiry and Research Experience (SIRE) – Research Grants	Office for Undergraduate Education, Emory College Eligibility: for advanced students with independent projects	YES	No	All areas	YES	YES	YES	<ul style="list-style-type: none"> • March for Summer session • July for Fall session • October for Spring session 	Dr. Leah Roesch, leah.roesch@emory.edu , Office of Undergraduate Education See http://college.emory.edu/current/achievement/research/SIRE/grants/index.html
Summer Study Abroad Travel Grant	Center for International Programs Abroad (CIPA), Emory University, for students accepted to a summer study abroad program	YES	No	All Areas	No	No	YES	March (see application online)	See http://www.cipa.emory.edu/summer/start/index.cfm
Summer Fellowships And Internships	Various	YES	YES	Various	YES	YES	YES	Use internet search engines and your institution's website to identify programs that allow hands-on learning. See our summer program listing at: http://cse.emory.edu/sciencenet/undergrad/Summer_Research/Browse.cfm	Don't forget to consult your

Summer Fellowships And Internships	Various	YES	YES	Various	YES	YES	YES	Use internet search engines and your institution's website to identify programs that allow hands-on learning. See our summer program listing at: http://cse.emory.edu/sciencenet/undergrad/Summer_Research/Browse.cfm Don't forget to consult your department's undergraduate research coordinator for discipline-specific opportunities!!
Summer Undergraduate Research Experience (SURE)	Howard Hughes Medical Institute, other grants	YES	YES	Sciences*	No	No	YES	<ul style="list-style-type: none"> • Emory: 2nd week February • Non-Emory: 1st week February Dr. Cathy Quiñones, cquinon@emory.edu, Center for Science Education See http://www.sci

For-Credit (Unpaid) Opportunities for Science Majors That May Include Research:

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		Emory Under-Graduates	Non-Emory Under-Graduates		Fall	Spring	Summer		
Semester or Year Study Abroad Program	Study Abroad opportunity offered by the Center for International Programs Abroad (CIPA), Emory University	YES	No	Various	YES	YES	No	<ul style="list-style-type: none"> • March 15 for Fall session • October 15 for Spring 	See http://www.emory.edu/CIPA/PROGRAMS/Programs.htm
Non-Emory Programs to Study Abroad	Study Abroad opportunity offered by the Center for International Programs Abroad	YES	No	Various	YES	YES	YES	See CIPA website	See http://www.emory.edu/CIPA/PROGRAMS/Programs.htm

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	(CIPA), Emory University								
Research for Credit, Independent Research, Internships	Research completed under faculty supervision	YES	<i>No</i>	All Departments	YES	YES	YES	Registration deadline	Contact your academic advisor and departmental undergraduate research coordinator.