

Opportunities Week of 9/8/17

Minority Health Symposium: Focused on specific health disparities in the following groups: Women, LGBT, Asian, African-American/Black and Latino/Hispanic populations, these lectures are designed to educate the Stony Brook healthcare community on the latest clinical and research advances in a framework that simultaneously addresses issues related to health disparities, diversity and cultural awareness. Faculty, students and staff are welcome.

September 11-15th, 12-1PM each day, Health Science Lecture Halls.

For more info, see <http://medicine.stonybrookmedicine.edu/hscdiversity/programs-events-resources>

Undergraduate Volunteer Research Assistant Position: The Shah Experimental Neurorehab Laboratory is currently looking for an undergraduate volunteer research assistant who is interested in data analysis, statistics, and programming. Experience with MatLab, Excel, macro writing in VBA, is preferred but not necessary; training will be provided. General programming skills and knowledge are required.

Interested applicants should contact samson.leung@stonybrook.edu for any questions and include a resume.

Find out more about our lab at <http://shahlab.com/>

Reminder NSF GRFP Info Sessions: There are two upcoming information sessions to attend if interested in learning more about the [NSF \(National Science Foundation\) Graduate Research Fellowship Program \(GRFP\)](#). This prestigious award supports outstanding students in NSF-supported science, technology, engineering, and mathematics disciplines who plan to pursue research-based Master's and doctoral degrees. Please review the [eligibility criteria](#) for this award carefully before doing signing up.

Writing to Win NSF GRFP Basics for Undergraduate Applicants: Interested undergraduates at all levels should attend this info session

Wednesday, September 13, 4:30 – 6:00 PM, Wang Center, Lecture Hall 2

Writing to Win: NSF GRFP Insider Tips Panel: Graduating seniors planning to apply this fall should also attend this info session

Wednesday, September 20, 4:00-5:30 PM, Wang Center Lecture Hall 1

Students can sign up for one or both of these sessions [here](#).

Coral Reef Biology and Ecology Winter Session Course: This winter session course is being offered in Roatan, Bay Islands of Honduras by SUNY Purchase College. This three-week, four-credit program is a hands-on, experiential educational opportunity, an alternative to the usual on-campus course, and total-immersion in the subject and environment. Study the biology and ecology of the living reef and live organisms.

Course runs December 30th2017-January 20th, 2018

For more info, see attached file

Application Boot Camp: Interested in earning a PhD? Come to an information session about how to apply to the CUNY Graduate Center Ph.D. programs in Biology, Biochemistry, Chemistry, and Physics. Learn how to prepare a competitive application, write an effective personal statement, and attend breakout sessions for biology, biochemistry, chemistry and physics Ph.D. programs featuring research highlights and program-specific answers.

Friday, October 13, 2017, Auditorium of CUNY Advanced Science Research Center, 85 St. Nicholas Terrace, New York, NY, 2:30-5:00 PM. Must RSVP by October 1st at <http://www.gc.cuny.edu/All-GC-Events/Calendar/Detail?id=41396>

For more info about the Graduate Center at City University of New York, see attached flyer or go to www.gc.cuny.edu

PennVet VMD-PhD Combined Degree: Earning a combined VMD-PhD degree at the University of Pennsylvania's School of Veterinary Medicine can prepare you for more than you think. As part of the University of Pennsylvania, Penn Vet is a premier veterinary college and a key partner in one of the world's great biomedical research centers. The crucial interrelationship between animal health and human health –**Many Species, One Medicine™** – is at the heart of our research tradition

For more info, go to <http://www.pennvetphd.org/>

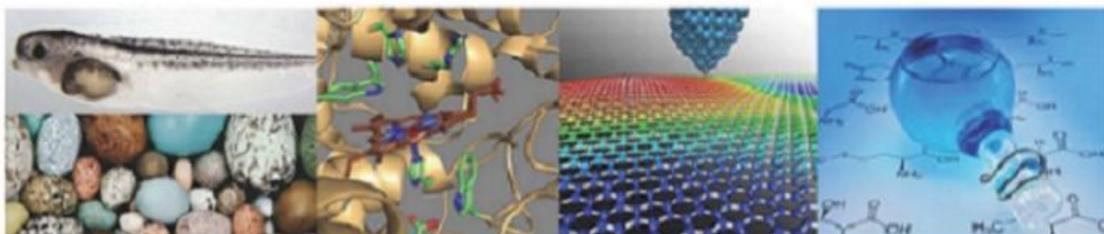
Thinking Caps Group Tutoring Positions: Thinking Caps is a unique tutoring company that provides individualized subject tutoring, test prep, and academic support services. There are several tutor positions open for highly qualified candidates. Currently looking for study skills tutors and test prep tutors (SAT/ACT). Looking for candidates with 3.3 minimum GPA, copies of transcripts are requested. Tutors should be able to start ASAP, and prefer committing to full academic year. You will track students' progress and write monthly progress reports. Compensation is \$20-30, depending on experience and education level.

To apply, email resume and cover letter to tutors@thinkingcapsgroup.com or see math and science tutor positions listed on Handshake at <https://stonybrook.joinhandshake.com/jobs/981935?ref=16-dashboard>

*Disclaimer: Undergraduate Biology does not endorse or take responsibility for any off-campus programs listed in Opportunities emails. While we do our best to vet any opportunity that is shared, please let us know immediately if you are suspicious of any employers/programs.

Application *Boot Camp* for Bench Science PhD Programs

Interested in earning a PhD?
Come and learn how to apply!



Friday, October 13, 2017
Auditorium

CUNY Advanced Science Research Center
85 St. Nicholas Terrace, New York, NY
2:30 – 5:00 pm

Information session about how to apply to The CUNY Graduate Center
Ph.D. Programs in **Biology, Biochemistry, Chemistry, and Physics**

www.rc.cuny.edu

Agenda:

- Preparing a competitive application.
- Writing an effective personal statement.
- Breakout sessions for Biology, Biochemistry, Chemistry, and Physics
PhD Programs: research highlights and program-specific answers.

RSVP by October 1 to <https://tinyurl.com/PhD-Bootcamp>

You must present a photo ID to enter the CUNY ASRC.



Coral Reef Biology and Ecology

Dec. 30, 2017 - Jan. 20, 2018

Winter Session Program

Roatan, Bay Islands of Honduras



- *Hands-on, experiential learning*
- *Total immersion education*
- *Living biology and ecology*
- *Tropical island environment*
- *Swim with dolphins and turtles*
- *Science and non-science majors*
- *Scuba diving*

PROGRAM DESCRIPTION

Coral reefs are among the largest, most diverse, beautiful, and endangered ecosystems on earth. One of the world's most impressive coral reef systems is in the western Caribbean, along the coast of Central America, and one of the most accessible parts of this reef is found close to shore on the island of Roatan, the largest of the three Bay Islands, 30 miles off the coast of Honduras.

This three-week, four-credit program is a hands-on, experiential educational opportunity, an alternative to the usual on-campus course, and total-immersion in the subject and environment.

Study the biology and ecology of the living reef and live organisms; learn about the organisms that form the reef and live on it; and experience an entire ecosystem firsthand – the living coral reef. Immerse yourself in the environment and culture of a tropical Caribbean island and swim with dolphins.

TOPICS INCLUDE

- Coral reef ecology
- Biology and identification of corals
- Reef fish and invertebrates
- Coral reef monitoring techniques
- Field sampling methods
- Human impacts and threats to coral reefs
- Sea turtles
- Dolphin behavior

- Marine algae, mangroves, sea grass ecology
- Bay Island culture

SCUBA DIVING

This course involves scuba diving. Most students learn during the program. It is also possible to learn in advance, or to complete the open-water certification for a scuba course taken at home.

STUDENT COMMENTS

“This was an amazing way to learn about the entire reef and all its inhabitants....” – Edith Chess (‘17)

“Diving changed the way I want to live my life. ... I could envision spending my whole life learning about and protecting our oceans.” –Merci Andrews (‘16)

"It was one of the best collections of memories I will ever have.... It is truly something I will never, ever forget." –Brianna Stasiak (‘14)

“I can’t even put into words how much that trip has changed who I want to be and how I see the world. Thank you for that once in a lifetime experience and wonderful memories.” – Alison Kraus (‘14)

“Truly the best way to learn. Nobody wanted to come back and everyone wants to go back.” --Michael Lew (‘13)

"This program was unquestionably the best experience of my life...." --Amanda Stigliano (‘13)

“It’s been one of the best experiences of my life... I learned a ton....” --Greg Smith (‘12)

“This trip has forever changed my life. I never thought I’d ever learn this much about marine biology....” --Elizabeth Frankini (‘12)

“I’m so glad I got the chance to go diving in such beautiful places....” --Molly Pelavin (‘12)

“It has been so unbelievable.... I’ll never forget this trip....” --Kelly Garrison (‘12)

FACILITIES

The educational program takes place at the Roatan Institute for Marine Science (RIMS), which has

modern classrooms, laboratories, and boats specially equipped for scuba diving, with experienced captains and divemasters.

ACCOMMODATIONS

Students live and eat at Anthony's Key Resort (on the same grounds as RIMS). Rooms are simple but comfortable cabins with decks and hammocks, on the water or on the hillside with an ocean view. All meals are included, and the food is excellent, with choices at every meal (vegetarians/vegans are accommodated). Recreational opportunities include kayaking and horseback riding.

ELIGIBILITY

Open to students in good standing with a 2.5 GPA; above average maturity; physically capable and healthy enough for scuba diving; must be able to swim, comfortable in the water, willing to scuba dive in the ocean and from boats; must be certified to scuba dive (or become certified during the program). Instruction is in English, which is spoken in Roatan; Spanish is not required.

Counts as upper-level elective for Purchase Biology and Environmental Studies majors.

Satisfies the SUNY General Education requirement in Natural Science, and counts toward the required 30 Gen. Ed. credits.

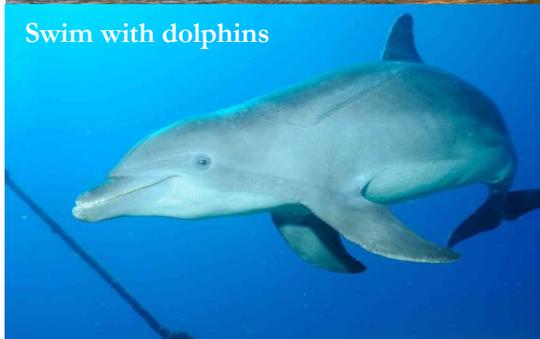
Credits easily transferrable.

COST

Program cost for 2017 was \$5331 (cost for 2018 TBD), which includes airfare, room and board, all meals, in-state tuition (4 credits), program fee, health and evacuation insurance, and excursions. Scuba instruction and equipment rental are not included. Space is limited to 15 students, so complete your application as early as possible. It may be possible to apply existing financial aid awards; some students use supplemental loans; see the Financial Aid office on your campus.



Student housing



Swim with dolphins



Biology of corals



Sea turtles



INFORMATION AND APPLICATIONS

Apply now! Students are accepted as applications are completed, and the course will be closed when the limited spaces are filled. Apply online as early as possible.

Course Description and Application:

[Program web page and application](#)

For Help with Application Process Contact:

914-251-6032; study.abroad@purchase.edu

For Academic Questions Contact:

Jan Factor, Program Director

jan.factor@purchase.edu



Dolphin behavior



Tropical fish



2017 Minority Health Symposium

Join us for this important week-long event hosted by Stony Brook Medicine

**Focused on specific health disparities
in the following groups:**

Women, LGBT, Asian, African-American/Black and Latino/Hispanic populations, these lectures are designed to educate the Stony Brook healthcare community on the latest clinical and research advances in a framework that simultaneously addresses issues related to health disparities, diversity and cultural awareness.

Faculty, students and staff are welcome.

Monday to Friday, Sept. 11 – 15
noon to 1 pm each day
Health Science Lecture Halls

Topics: Monday, Sept. 11	Cardiovascular Care of Women
Tuesday, Sept. 12	Colon Cancer Racial Health Disparities
Wednesday, Sept. 13	Prevalence Testing of Hepatitis B & C in Asians
Thursday, Sept. 14	LGBT Health & Cultural Sensitivity
Friday, Sept. 15	Cytogenetics: An Overview (Health Disparities)

Sponsored by a Stony Brook University Presidential Mini-Grant for Departmental Diversity

For more information visit:

stonybrookmedicine.edu/minority_health_symposium