

## Opportunities Week of 3/9/18

### **Reminder: Stony Brook UG Biology Scholarships**

**Michel Colbert Endowed Scholarship:** The goal of this scholarship award is to enhance successful completion of degree, preferably in the biological sciences, for a student confronted with significant and unanticipated financial difficulties. Although there is no strict requirement for the year of study, students are typically selected as Michel Colbert Fellows prior to their senior year and receive a full tuition scholarship to support their studies through to graduation as long as they maintain good academic standing and full-time status.

#### **Deadline March 21, 2018**

**Edward J. Mardovich '81 Memorial Scholarship:** The scholarship is available to any U.S. citizen Junior or Senior Biology major, with a GPA greater than 3.0. Selection will be based on both the academic record and a personal statement that addresses the importance of their studies to their long-term career plans and how receipt of the scholarship support will enhance these plans. Awards to cover \$1,000 of educational expenses per semester will be given for a full academic year, with a possibility of renewal for students who receive the Scholarship as a Junior. Recipients will be expected to maintain continuous full-time enrollment with a minimum GPA of 3.0 for the entire scholarship period.

#### **Deadline March 21, 2018**

For more info on both scholarships and application process, please see attached files or visit

<http://www.stonybrook.edu/commcms/biology/scholarships/index.php>

**Reminder: IMSD-MERGE Undergraduate Research Scholar:** The Stony Brook University Initiative for Maximizing Student Development: Maximizing Excellence in Research for Graduate Education (IMSD-MERGE) Program aims to increase the number of underrepresented and disadvantaged students (URM) completing highly productive biological and biomedical science degrees at Stony Brook University, and prepare them for seamless advancement into successful research careers. IMSD-MERGE is currently accepting applications for the 2018-2019 academic year. Applicants must be available to participate in a summer research internship from May 29<sup>th</sup> through August 3<sup>rd</sup>, 2018.

#### **Priority deadline for applications is March 15<sup>th</sup>, 2018**

For more info and to apply, see <http://www.stonybrook.edu/commcms/cie/imsd/undergraduate-track/application-process>

**University of Nevada, Las Vegas Research Experience for Undergraduates:** The University of Nevada, Las Vegas is offering an REU: Mechanisms of Evolution. This NSF supported program provides students with an opportunity to perform independent research under the guidance of a faculty mentor. Participants receive a \$5,750 stipend (\$575 per week), travel subsidy and complimentary housing in a UNLV dormitory. Program dates are May 30 to Aug 3, 2018.

#### **Application deadline is Saturday, April 7<sup>th</sup>, 2018**

For more info and eligibility requirements, see <https://www.unlv.edu/lifesciences/moereu/>

**Siemens Foundation-PATH Fellowships:** The program engages STEM students in innovative, hands-on assignments that serve society by accelerating high-impact, low-cost solutions to some of the world's most pressing health needs. Based in PATH's Seattle, Washington, office, fellows are provided a meaningful research and lab experience and exposed to career opportunities in global health. PATH is currently seeking a cohort of 6 community college, undergraduate, and graduate school students to join this competitive program.

For more info, see attached flyer and visit [bit.ly/PATHsiemensfellowships](http://bit.ly/PATHsiemensfellowships)

**University of Florida, College of Vet Medicine:** At the University of Florida, College of Veterinary Medicine we are offering a few exciting online undergraduate courses in the upcoming Summer semester that are specifically geared towards students interested in Veterinary Medicine. Students at other Colleges and Universities can sign up for these classes. Fall courses include "The Dog," "The Horse,"

and “Manatee Health and Conservation.”

For more info, see attached flyer

**Kaplan “Wanna Be a Doctor Week”:** From 3/26-3/29, the Wanna Be a Doctor Week lets students get an inside look of how to successfully apply to medical school. Free, interactive, live online sessions.

To register, see <http://welcome.kaptest.com/prepforthewin?user=17HF0F&test=MCAT#aphb>

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\*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.



**Stony Brook University**  
**College of Arts and Sciences**  
*Undergraduate Biology*

**Michel Colbert Scholarship Application**  
**Deadline: Wednesday March 21 2018**

The Michel Colbert Endowed Scholarship was established to honor the memory of Michel Colbert, a Biology graduate from the class of 1986 who was killed in the September 11, 2001 attack on the World Trade Center. The goal of this scholarship award is to enhance successful completion of the Bachelor of Science in Biology for a student confronted with significant and unanticipated financial difficulties. Although there is no strict requirement for the year of study, students are typically selected as Michel Colbert Fellows prior to their senior year and receive a full tuition scholarship to support their studies through to graduation as long as they maintain good academic standing and full-time status.

The criteria for selection of a Michel Colbert Fellow are:

- A Stony Brook undergraduate with a strong record of achievement, preferably in the biological sciences with a clear plan for completion of a Bachelor's degree program.
- Unanticipated financial challenges that are likely to interfere with timely completion of the undergraduate degree program at Stony Brook.
- A personal statement to be shared with the Colbert family that explains your course of study and how this education will impact on your career development and future plans.

**APPLICATION:**

**Part I**

Name (Last, First):

Stony Brook ID #:

E-mail address:

Telephone number:

Current full mailing address:

**Part II**

Please provide a short statement describing the financial challenges that have emerged and that threaten timely completion of your undergraduate degree program. Note, by submitting this application you are authorizing the Selection Committee to verify information submitted to the Office of Financial Aid and Scholarship Services.

**Part III**

A personal statement of 500 words or less describing your course of study, including successes and achievements related to your major as well as research, internship and other extracurricular experiences outside of the classroom that have influenced your career plans. Comment on how these experiences have influenced your career development and future plans.

Completed applications can be submitted to Kira Schultheiss in the Undergraduate Biology Office, Room 107, CMM/BLL Building, Stony Brook University, Stony Brook, NY 11794-5110. Applications can also be submitted electronically by e-mail to [kira.schultheiss@stonybrook.edu](mailto:kira.schultheiss@stonybrook.edu) with the subject line: 2018 Colbert Scholarship application.



# Stony Brook University

## College of Arts and Sciences

### *Undergraduate Biology*

#### **Edward J. Mardovich '81 Memorial Scholarship Application**

**Deadline: Wednesday March 21 2018**

The Edward J. Mardovich '81 Memorial Scholarship in Undergraduate Biology was established by family, friends and fellow alumni of Eddie to provide a permanent source of scholarship support to Stony Brook undergraduate students majoring in Biology. Eddie earned degrees at Stony Brook in Biology and Sociology. He was a former employee at Euro-Brokers, Inc. and was tragically killed in the terrorist attack on the World Trade Center on September 11, 2001. The scholarship is available to any Junior or Senior majoring in Biology with a GPA greater than 3.0. The scholarship is restricted to United States citizens. Selection will be based on both the academic record and a personal statement that addresses the importance of their studies to their long-term career plans and how receipt of the scholarship support will enhance these plans. Awards to cover \$1,000 of educational expenses per semester will be given for a full academic year, with a possibility of renewal for students who receive the Scholarship as a Junior. Recipients will be expected to maintain continuous full-time enrollment with a minimum GPA of 3.0 for the entire scholarship period.

The criteria for selection of an Edward J. Mardovich '81 Scholarship are:

- A Biology major who is a United States citizen and who will have Junior or Senior status during the Scholarship period with a minimum GPA of 3.0.
- A personal statement to be shared with the donors that addresses the importance of your studies and extracurricular experiences to your long-term career plans and how receipt of this scholarship award will enhance your career development.

#### **APPLICATION:**

##### **Part I**

Name (Last, First):

Stony Brook ID #:

E-mail address:

Telephone number:

Current full mailing address:

##### **Part II**

A personal statement of 500 words or less describing your course of study in Biology, including successes and achievements related to this major as well as research, internship and other extracurricular experiences outside of the classroom that have influenced your career plans. Comment on how receipt of a scholarship award will enhance your continuing career development. Note, by submitting this application you are authorizing the Selection Committee to verify information submitted to the Office of Financial Aid and Scholarship Services.

Completed applications can be submitted to Kira Schultheiss in the Undergraduate Biology Office, Room 107, CMM/BLL Building, Stony Brook University, Stony Brook, NY 11794-5110. Applications can also be submitted electronically by e-mail to [kira.schultheiss@stonybrook.edu](mailto:kira.schultheiss@stonybrook.edu) with the subject line: 2018 Mardovich Scholarship application.

## University of Florida, College of Veterinary Medicine Online Summer Courses

**The Dog** is an online course (3 credits) specifically designed for undergraduate students interested in learning more about dogs, especially those planning careers in Veterinary Medicine and Veterinary Technical Programs. Students will be introduced to a number of topics, including evolution, domestication, anatomy, biology, role in society, physiology, behavior, and health of the dog. Students enrolled at any College or University can take this course. **For more information about this class or enrollment contact the Course Director, Dr. Patrick Larkin ([pmlarkin@ufl.edu](mailto:pmlarkin@ufl.edu)).**

**The Horse** is an online course (3 credits) for upper level undergraduate students, post-baccalaureate students, or graduate students that is designed for students planning careers in large animal Veterinary Medicine or Veterinary Technical Programs. This course covers many important topics in the domesticated horse field including reproduction, anatomy, the musculoskeletal system, GI physiology, preventative health care, as well as current research. Students enrolled at any College or University can take this course. **For more information about this class or enrollment contact the Course Director, Dr. Patrick Larkin ([pmlarkin@ufl.edu](mailto:pmlarkin@ufl.edu)).**

**Manatee Health and Conservation** is an online course (3 credits) that will provide students (upper level undergraduate and graduate) and professionals (with an AA or higher degree) with a detailed overview of manatee natural history, health assessment, and research findings as well as explore conservation issues. **For more information about the class or enrollment, contact Dr. Iske Larkin ([ivlarkin@ufl.edu](mailto:ivlarkin@ufl.edu)).**

**If you are interested in taking one of the classes, registration is now open for the summer semester.**

# Siemens Foundation–PATH Fellowships

A global health opportunity for science, technology, engineering, and math students

PATH, a leading global health organization, in partnership with the Siemens Foundation, is launching the third year of the Siemens Foundation–PATH Fellowship. The program engages science, technology, engineering, and math (STEM) students in innovative, hands-on assignments that serve society by accelerating high-impact, low-cost solutions to some of the world’s most pressing health needs. Based in PATH’s Seattle, Washington, office, fellows are provided a meaningful research and laboratory experience and exposed to career opportunities in global health.

## ADVANCE YOUR CAREER AT PATH

PATH is seeking a cohort of six technical/community college, undergraduate and graduate school students to join this competitive program.

## FELLOWSHIP DETAILS

- **Dates:** Three-month, full-time (40 hours/week) assignment, May through August 2018 or June through September 2018.
- **Housing:** \$1,400/month; \$4,200 total per fellow (for those not currently based in Seattle).
- **Wage:** \$3,000/month; \$9,000 total per fellow.
- **Desirable degrees include:** biomedical engineering, biochemistry, biomedical technology, biological sciences, biotechnology, and mathematical modeling.

## PROJECTS

Candidates may apply for one or both of the following (see four-digit code online for details):

- **Product Development Shop Fellow** – 2 openings (8640)
- **Laboratory Research Fellow** – 4 openings (8641)

Product Development Shop Fellows will work with one or more product development teams and join project teams that include research, product development, field validation, and commercialization activities.

Examples of previous Laboratory Shop Fellows’ projects include:

- New methods for use of dried blood spots in conjunction with diagnostic tools for malaria elimination
- Optimization of HIV-1 Recombinase Polymerase Amplification for use as quantitative viral load assay
- Developing new methods for defining G6PD deficiency by flow cytometry



2016 Siemens Foundation-PATH Fellow Henon Gebre, a graduate of Utah State University, shares a moment in the lab with David Shoultz, PATH’s global program leader, Drug Development. Photo: PATH/Patrick McKern.

## ABOUT PATH

PATH is an international organization that drives transformative innovation to save lives and improve health, especially among women and children. We accelerate innovation across five platforms—vaccines, drugs, diagnostics, devices, and system and service innovations—that harness our entrepreneurial insight, scientific and public health expertise, and passion for health equity. By mobilizing partners around the world, we take innovation to scale, working alongside countries primarily in Africa and Asia to tackle their greatest health needs. Together, we deliver measurable results that disrupt the cycle of poor health.

## ABOUT SIEMENS FOUNDATION

The Siemens Foundation has invested more than \$100 million in the United States to advance workforce development and education initiatives in science, technology, engineering and math. The Siemens Foundation’s mission is inspired by the culture of innovation, research and continuous learning that is the hallmark of Siemens’ companies.

## TO APPLY

Visit: [bit.ly/PATHsiemensfellowships](http://bit.ly/PATHsiemensfellowships)