

# Opportunities Week of 3/10/17

**Reminder: IMSD-MERGE Applications:** NIH-funded program providing stipend support to student researchers in the summers preceding their junior and senior years as well as financial support and a suite of career development activities that run through the junior and senior years to enhance their preparation for graduate school. Applications encouraged for students with financial need or from under-represented groups with interests in pursuing graduate studies in the biomedical sciences.

**Application deadline is March 15<sup>th</sup>, 2017**

For more info, see <http://www.stonybrook.edu/commcms/imsd/apply/application.html>

**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, 2017**

**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, 2017**

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

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

**University of Florida Vet Science Undergraduate Courses:** The University of Florida, Veterinary Medicine is offering a few online undergraduate courses in the upcoming Summer semester that are specifically geared toward students interested in Veterinary Medicine. Students at other colleges and universities can enroll in these courses.

For more info about the classes and enrollment, please see attached flyer

**Kaplan Resources:** Take a free Kaplan GRE/MCAT/LSAT/GMAT/DAT/OAT or PCAT quiz or practice test to make sure you are practicing with a purpose. Get the feedback you need to feel confident in your preparation.

Access the resources at [ktp.events/StonyBrook](http://ktp.events/StonyBrook) (case sensitive). Access your free study guide

here [http://bit.ly/Study\\_Guide\\_Northeast](http://bit.ly/Study_Guide_Northeast) as well as your free checklist here

[http://bit.ly/Checklist\\_Northeast](http://bit.ly/Checklist_Northeast) to stay on top of your progress!

If you have any questions, reach out to [James.Polulach@kaplan.com](mailto:James.Polulach@kaplan.com) or call [917 565 4966](tel:9175654966).

**BCP 405: Pharmacology to Pharmacy:** This course, offered exclusively online, is being offered this summer for undergraduates interested in health care (either basic biomedical science-oriented or clinical). After description and demonstration of common medical procedures, the class introduces many aspects of clinical pharmacology with presentations of clinical vignettes and case discussions. The course will fulfill 3 credits, and will satisfy the "ESI" attribute in the Stony Brook Curriculum.

**Note: This course is NOT accepted for BIO major credit.**

For more info, see attached flyer.



## **Michel Colbert Scholarship Application**

**Deadline: Tuesday, March 21 2017**

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 an undergraduate 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.

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: 2017 Colbert Scholarship application.



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

**Deadline: Tuesday, March 21 2017**

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 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: 2017 Mardovich Scholarship application.

**BE PROACTIVE!**  
**JUMP-START YOUR HEALTH CARE PROFESSIONS EDUCATION**  
**PREPARE YOURSELF FOR PHYSICIAN SHADOWING**

The Stony Brook University Online Course, BCP 405, 'Pharmacology to Pharmacy'

<http://sb.cc.stonybrook.edu/bulletin/current/courses/bcp/>  
(Scroll down to 'BCP 405')

**INTRODUCTION:** This course, offered exclusively online, is designed for undergraduates interested in health care (either basic biomedical science-oriented or clinical). After description and demonstration of common medical procedures, the class introduces many aspects of clinical pharmacology with presentations of clinical vignettes and case discussions, but is geared toward non-clinicians. The interprofessional course faculty includes physicians, scientists, an educator, an advanced practice nurse, and a hospital pharmacist. Students have the opportunity to ask questions directly through online chats.



The course is offered throughout the year in semester format (twice in the summer, once each in the fall, winter and spring). The course is valued at 3 credits, can only be taken for credit once, counts toward the SUNY Stony Brook bachelor's degree and satisfies specific University graduation requirements to "Prepare for Life-long Learning, Evaluate and Synthesize Researched Information (ESI)."

**GRADING/COURSE FORMAT:** Grades are based on student performance on fact-based quizzes offered frequently (7-15 times) throughout the course and on an equal number of formal online discussions with expert Stony Brook faculty who have broad experience as physicians, biomedical scientists, advanced practice nurses, pharmacists and educators. Each quiz is 5-10 questions in length, and like all other aspects of the course, is administered online and in an 'open-book' format. Graded discussions are formal, involving questions posed by the faculty. After completing each session, students are guided to apply this newfound knowledge within clinical scenarios. Interactions with course faculty not only provide opportunities to learn and apply this material but also to network with professionals working in an academic medical center.



Topics covered include 1) hospital culture and etiquette; 2) disease manifestation/patient-care simulation, both with high-tech mannequins and live models; 3) procedure demonstrations including intravenous line placement, lumbar puncture (spinal tap), nasogastric (feeding) tube placement, and endotracheal intubation and airway management; 4) drug development and regulatory approval; 5) research and biomedical ethics; 6) pharmacy practice, both in the hospital and in the community; 7) drugs in society as well as in the lay press; and 8) modern pharmacokinetics, pharmacodynamics and pharmacogenomics.



Students completing this course have been uniformly enthusiastic. Representative responses to "What was valuable about this course?" include: 1) "very informative, prepares you for the health sciences;" 2) "Course transcriptions were invaluable. It was easy to study from both the videos and the written material. Professors were quick to respond via email;" 3) "I found the course very interesting. It explained things in an easy and clear way. I was able to learn the material easily while working and commuting full time;" and 4) "This course featured many intriguing and exhilarating topics. Aspiring to intern and with increasing interest to represent a pharmaceutical company as an attorney in the future, I acquired an extensive amount of knowledge through the teachings of the course."

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Course Co-Director



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Course Co-Director

## University of Florida College of Vet Med Distance Education Opportunities

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.

**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.**