

Reminder- Mosquitoes Be Gone Spring 2018 Application: Mosquitoes Be Gone is a start-up social entrepreneurship company whose goal is to develop, market, and sell an all-natural mosquito repellent and use profits to donate repellents to developing countries. The company, founded by Ruchi Shah (SBU May 2016 graduate), has been recognized by the Young Inventor's Hall of Fame, first place in the WolfieLaunch and Long Island Business Plan competitions, Forbes and Glamour's College Women of the Year. All interns will receive academic internship credit.

For a description of the internship opportunities and application information, please see attached file.

TEACHING ASSISTANT POSITION for Self-Management Workshops in Mindfulness: A great resume builder with a letter of recommendation upon conclusion of the semester. Only 1 hour a week commitment, with an additional possibility of earning 1-credit to fulfill the SBC EXP+ requirement. Undergrads and first-year students welcome.

Info sessions are being held Thursday, January 25, 2018.

If interested, sign up for more info at: <http://bit.ly/1S7Euoj>

NYU Biology Summer Undergraduate Research Program (SURP): NYU Biology has just opened the application for its third annual Summer Undergraduate Research Program (SURP). This is a hands-on research intensive program that trains students in at-the-bench techniques, computational approaches, and how to communicate their results. Participants give a talk with slides, have the option of creating a poster, and work directly under a PhD student/Postdoc as well as a faculty member in their chosen area of concentration. The program runs June 4 - August 10, 2018

Application deadline is March 15th, 2018

For more info, please see this [link](#) or email surp.biology@nyu.edu

Nuclear Forensics Undergraduate Summer School Program: NFUSS is a 6 week course, sponsored by the Department of Homeland Security, designed to provide undergrad students with comprehensive, experimental, hands-on training in topics essential to nuclear forensics. The program is held June 11- July 20, 2018, at the University of Utah. The program includes a field trip to Oak Ridge National Laboratory.

Application deadline is February 28, 2018, reference received deadline is March 9, 2018.

For more info, see <http://orise.orau.gov/nfuss> or contact NFUSS@orau.org

ScribeAmerica Positions: ScribeAmerica is currently looking to recruit students to work as Medical Scribes. The scribe will work side by side with physicians, assisting with documentation for each patient evaluated by the doctor. It is an exceptional opportunity for any student interested in medicine to gain first-hand experience following a physician. ScribeAmerica is looking for dependable, motivated employees that have a desire for an eventual career in medicine, or are interested in learning more about careers in medicine. There are multiple shifts, both day and night, usually lasting 8-12 hours. Paid classroom and clinical training is provided.

See attached flyer for more info or visit www.scribeamerica.com

CLIMB UP for Summer Research at the University of Buffalo: CLIMB (Collaborative Learning and Integrated Mentoring in the Biosciences) Program created a summer research experience for undergrad students to excel in biomedical, STEM, and health science research and explore career opportunities. This is a 10 week program, running from May 29-August 4th, 2018, offering opportunities in pharmacology and toxicology, neuroscience, drug discovery, public health, and more.

For more info and to apply, see www.buffalo.edu/climb/climb-up

Amgen Scholars Program at Berkeley: The Amgen Scholars Program provides summer research experience at 10 institutions across the country for students interested in pursuing Ph.D.'s and, eventually, a career in science. Students will live in provided apartment housing at Berkeley, conduct research with world renowned faculty, and receive a \$5,000 stipend. Program dates are May 28-August 3rd, 2018.

Application deadline is February 1st, 2018

For more info, see <https://amgenscholars.berkeley.edu/>

Kaplan MCAT Resources: MCAT free prep week starts 1/27/18. Students get to tackle molecular genetics, acids & bases, and more, get their questions answered by a real teacher in real time, and learn time-saving strategies. Students can sign up for one, two, or all live online sessions.

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

Burke Medical Research Institute Summer Science Program: This is a 10-week program open to all students interested in bio-medical research careers. The Burke Medical Research Institute focuses on Neurology and Neuroscience, and has labs with research interests spanning basic neuroscience to clinical rehabilitation research.

Application deadline is March 9, 2018

For more info, see attached flyer or go to <http://burke.weill.cornell.edu/future-talent>

*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.

Summer Research Opportunity

The Burke Medical Research Institute invites applications from qualified undergraduate students for our Summer Student Research Program. This program provides an opportunity to conduct cutting-edge research for those students interested in pursuing a career in biomedical sciences. Participants will be part of a laboratory research project related to neural repair and rehabilitation. Summer research students have extensive interaction with their faculty mentors and their staff.

The 2018 program will run from June 4th to August 10th

Trainees will receive a stipend of \$3,000

Housing and transportation are the responsibility of each trainee

Applications are due by March 9th, 2018

To apply and get further details, please go the website:

<http://burke.weill.cornell.edu/future-talent>

and follow the links to the Summer Science Program

or email: burkesummerscience@med.cornell.edu



The Burke Medical Research Institute works in partnership with Weill Cornell Medicine to develop new therapeutic approaches for a host of impairments that cause disability including paralysis, sensory loss, language problems and dementia.

Project Description

Mosquitoes Be Gone LLC is a start-up social entrepreneurship company whose goal is to develop, market, and sell an all-natural mosquito repellent and use profits to donate repellents to developing countries. The company, founded by Ruchi Shah, has been recognized by the Young Inventor's Hall of Fame, first place in the WolfieLaunch and Long Island Business Plan competitions, Forbes and Glamour's College Women of the Year.

The goal of the company is to use the novel mosquito repellent, unique in its mode of activity, to reduce the prevalence of mosquito transmitted diseases worldwide. This is the seventh semester that the internship is being offered.

As an intern with Mosquitoes Be Gone LLC, you will play an integral role in all aspects of the beginning stages of a social entrepreneurship business. During the duration of the internship, the company will be focusing on applying for large government grants, developing and branding the mosquito repellent, conducting necessary supplemental experiments, managing a social media presence, and forming relationships with relevant non-profit organizations.

Strong writing skills, interpersonal skills, and communication skills are required of interns. Interns with a background in science writing, product development, graphic design or science research, in addition to expertise in their specific area, are preferred.

All interns must commit to 2 academic credits. As specified in the descriptions, internships are available through WISE, the Biology Department, and the School of Business. Interns will be required to keep a journal that will be submitted at the end of the semester. Please read the various intern descriptions carefully before filling out the form below and completing all supplemental material. We look forward to creating a team of change-makers!

INTERN DESCRIPTIONS

2 positions-Scientific/Grant Writing and Outreach (BIO or WISE Credit)

Responsibilities include:

- Execute and lead activities related to researching, writing and editing large government grants
- Under direction, gain an in depth understanding of the mission of Mosquitoes Be Gone LLC and the product's science
- Lead the effort of communicating the Mosquitoes Be Gone LLC business practices with the community.
- Make the science of the product accessible by explaining its relevance to the public
- Exhibit the ability to self-edit and be dedicated to producing polished, well written pieces
- Write appropriate correspondence to potential partner organizations and foster relationships
- Assist in the editing and publishing of the company's newsletter
- Perform other functions as required and directed

Requirements include:

- Full time enrolled
- Can commit a minimum of 3 (credited) hours per week to the position
- Must provide Current CV
- Excellent communication skills
- Works well in a team setting
- Can display passion for writing through relevant experience or examples of work
- Grant Writing experience is a plus

2 positions- Biomedical Engineer/Biology/Chemistry (BIO or WISE Credit)

Responsibilities include:

- Execute and lead activities related to further research in the development of the all-natural mosquito repellent and the protection of intellectual property
- Work with toxicologist to plan toxicology testing of the current product
- Research and recruit possible Ph.D. mentors to affiliate with Mosquitoes Be Gone LLC and facilitate the grant application process
- Investigate potential testing sites to house the further development of the product
- Perform other functions as required and directed

Requirements include:

- Full time enrolled
- Preferred Biomedical Engineering/Biology/Chemistry/ related major
- Can commit a minimum of 3 (credited) hours per week to the position
- Works well in a team setting
- Must provide Current CV
- Research Experience in a lab setting is a plus

1 position-Website Design and Social Media (BUS or WISE Credit)

Responsibilities include:

- Design website for Mosquitoes Be Gone with interactive features
- Work with other interns to synthesize information that will be on the website
- Lead the effort of communicating the Mosquitoes Be Gone LLC business practices with the community.
- Exhibit the ability to self-edit and be dedicated to producing a polished, vivid and streamlined website
- Manage social media presence including Facebook page, Twitter, Instagram, etc. This includes weekly updates and photo uploads.
- Perform other functions as required and directed

Requirements include:

- Full time enrolled student
- Can commit a minimum of 3 (credited) hours per week to the position
- Must provide Current CV
- Excellent communication skills
- Works well in a team setting
- Has experience in website design
- Familiar with using social media for promotional purposes

School of Business

2 positions- Entrepreneurship/Marketing (BUS Credit)

Responsibilities include:

- Develop branding for Mosquitoes Be Gone LLC and be an enthusiastic brand ambassador
- Implement packaging design and bottling options including aesthetic and economical design of bottles that are competitive in a market of similar products
- Conduct market research including competitors, volume of domestic and global business, and pricing strategies.
- Report on a quarterly basis and as requested on the performance of our marketing initiatives so that we can make strategic decisions to improve our overall marketing program.
- Execute and lead activities related to researching, writing and editing a Small Business Innovation Research (SBIR) grant
- Conduct market tests or surveys as needed
- Perform other functions as required and directed

Requirements include:

- Preferred BUS Major//Minor
- Can commit a minimum of 3 (credited) hours per week to the position
- Must provide Current CV

- Coursework or job experience in product development and branding is highly desirable
- Works well in a team setting
- Financial knowledge is desirable
- Ability to clearly articulate findings in writing
- Experience with report writing for a business audience is desirable

2 positions- Law/ IP (BUS Credit)

Responsibilities include:

- Research multiple options regarding intellectual property of Mosquitoes Be Gone LLC
- Able to present findings about these options to the team
- Decide and implement intellectual property strategies
- Research and contact organizations of similar mission to Mosquitoes Be Gone LLC, i.e. nonprofits, for profits, government agencies related to mosquito transmitted diseases
- Be the face of Mosquitoes Be Gone LLC in forming connections with such organizations
- Perform other functions as required and directed

Requirements include:

- Preferred BUS Major//Minor
- Can commit a minimum of 3 (credited) hours per week to the position
- Must provide Current CV
- Coursework or job experience in legal affairs is a plus
- Excellent communication skills
- Works well in a team setting

Mosquitoes Be Gone LLC

Intern application

Part 1: Personal Information:

Name: _____

Major(s): _____ Minor(s): _____

Age: _____ Gender: _____ GPA: _____ Expected Graduation: _____

Phone number _____ E-mail: _____

ID Number _____ Are you a WISE Student? _____

College Address: _____

Home Address: _____

Part 2: Intern position

Please provide your top three internship positions.

1. _____ 2. _____ 3. _____

A. Please attach a resume including relevant experiences, coursework, and achievements.

B. In 250 words or less, please expand upon your interest in the internship. What motivates you to work for Mosquitoes Be Gone? Where does your interest stem from?

C. In 400 words or less please elaborate on experiences that are relevant to the internship. What unique skills do you bring to the internship? What is your level of commitment? What will you contribute and what do you aim to learn?

D. Please provide two references:

1. Reference Name and Position: _____

Relationship to reference: _____

Contact Information (phone number and e-mail): _____

2. Reference Name and Position: _____

Relationship to reference: _____

Contact Information (phone number and e-mail): _____

D. Please attach a copy of your unofficial transcript.

E. Please attach a copy of your schedule for next semester.

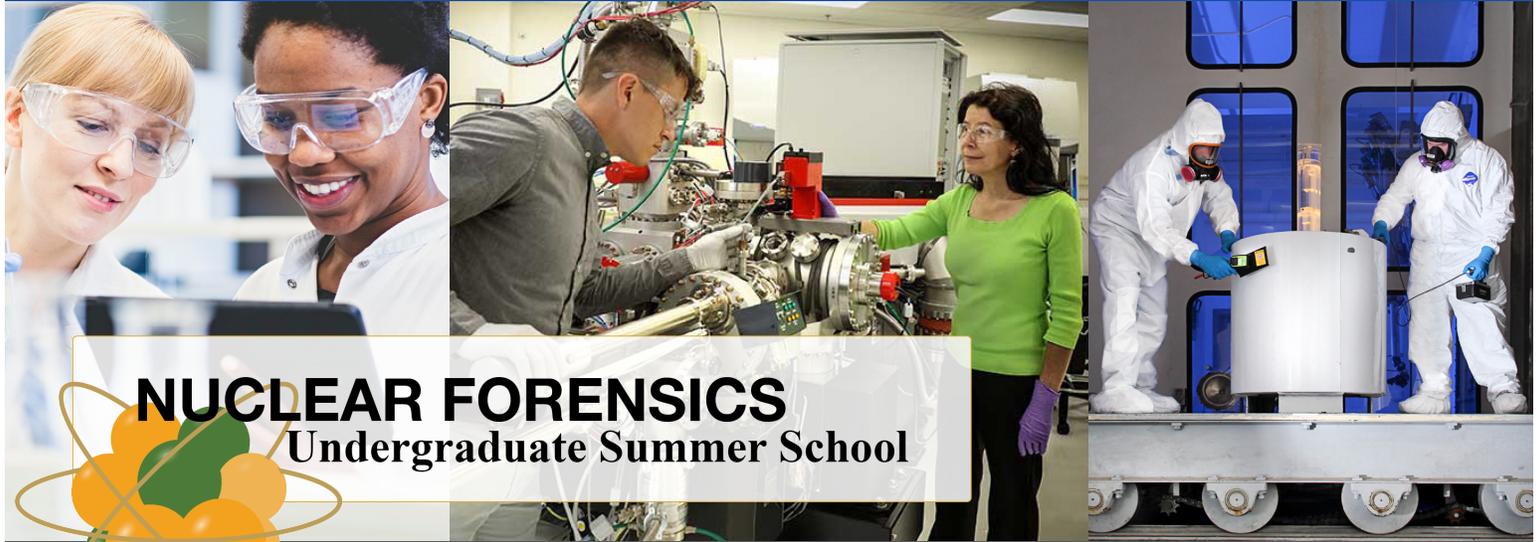
F. Please provide a headshot and a short personal summary (including name, major, and your reason for interning with Mosquitoes Be Gone.) This will be used on the website if you are selected.

All applications are due by January 20th and should be e-mailed to

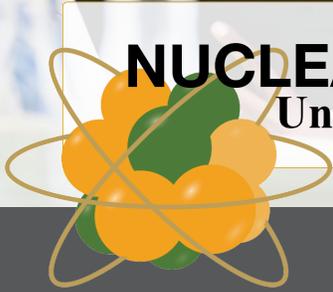
mosquitoesbegonellc@gmail.com

UNDERGRADS:

*Are you majoring in science, mathematics, or engineering?
Interested in learning about nuclear forensics?*



NUCLEAR FORENSICS Undergraduate Summer School



Apply today at ORISE.ORAU.gov/nfuss!

ABOUT

The Nuclear Forensics Undergraduate Summer School (NFUSS) is a six-week course, sponsored by the Department of Homeland Security (DHS), designed to provide undergraduate students with hands-on training in topics essential to nuclear forensics.

WHEN

June 11 to July 20, 2018

WHERE

- University of Utah in Salt Lake City
- Field trip to Oak Ridge National Laboratory

BENEFITS

You will receive a \$5,000 stipend, and NFUSS will cover your tuition, fees, housing, and meals at the University of Utah.

ELIGIBILITY

Candidates must:

- Be a full-time student in science, mathematics, or engineering at an accredited four-year U.S. college or university
- Have completed two years of college-level coursework prior to appointment
- Have a minimum GPA of 3.0
- Be at least 18 years old
- Be a U.S. citizen

Want to learn more?

Visit ORISE.ORAU.gov/nfuss or email nfuss@orau.org



Homeland
Security





SCRIBEAMERICA

DOCTORS SAVE LIVES. SCRIBES SAVE DOCTORS.

“Being a scribe is a perfect job for anyone wanting to pursue a career in medicine. The job is not only a tremendous learning experience, but you’re actually making a difference by assisting the doctors to be more efficient so they can focus more on the quality of care for their patients.”

AMY HOGAN, 2010

WHAT IS A MEDICAL SCRIBE?

A Medical Scribe is a revolutionary concept in modern medicine. Traditionally, a physician’s job has been focusing solely on direct patient contact and care. However, the advent of the Electronic Health Record (EHR) created an overload of documentation and clerical responsibilities that slows physicians down and pulls them away from actual patient care. To relieve the documentation overload, physicians across the country are turning to Medical Scribe services.

A Medical Scribe is essentially a personal assistant to the physician; performing documentation in the EHR, gathering information for the patient’s visit, and partnering with the physician to deliver the pinnacle of efficient patient care.

WHY BECOME A MEDICAL SCRIBE?

For someone interested in medicine, whether it is a personal interest, or part of a career goal to become a physician or physician assistant, the chance to become a Medical Scribe is unlike any other opportunity available. It offers exciting one-on-one collaboration with a physician, and is unprecedented in its level of exposure to real medicine in practice.

A background in Medical Scribing is quickly becoming the standard for pre-medical experience, and is suggested by medical school acceptance committees across the country. The competition to become a Medical Scribe is intense, and the demand for Medical Scribe services across the country has never been higher.

Visit scribeamerica.com/apply to see if we are hiring in your area.



WHAT WE EXPECT

Intelligent candidates who can work positively and cooperatively amidst a stressful and unique environment.

You **need** to have good penmanship and computer skills, your medical expertise is **not** required but is an added bonus. The following traits **are** required for they are not easily learned:

WHAT WE EXPECT FROM YOU:

- Responsibility
- Confidence
- Maturity
- Punctuality
- Ability to multitask
- Self Motivation

COMMITMENT:

Commitment to ScribeAmerica: 2 years part time 8-12 shifts per month or 1 year full time 16-20 shifts per month.

MAKING A DIFFERENCE



"Scribe America is a great program that prepared me in many ways for medical school. Working side by side with doctors in the emergency room gave me an incredible real-life experience to apply to all the classes I am taking now. Diagnosing is intimately related to recognizing patterns in patient symptoms and while working with Scribe America I was able to watch the physicians think their way through patient cases and absorb countless amounts of information. Having also volunteered in hospitals and taken part in research prior to entering medical school, I would say that my time with Scribe America was the most influential factor in giving me confidence in my decision to pursue a career in medicine. The one-on-one experience with physicians, the variety of patient cases and symptoms, the introduction to medical diagnostic techniques, and the vast amounts of medical terminology have all been invaluable to my current student status besides that I thoroughly enjoyed coming to work every day. I have and will continue to recommend Scribe America to any person contemplating medical school with a desire to learn and work hard."

KIM RIEGEL, 2011

THINGS THAT WILL HELP YOU SUCCEED

- A passion for Medicine
- Able to balance school AND work
- Computer skills, this is a must and will accelerate training as most hospitals are transforming to complete electronic charting
- Mature sophomores can benefit throughout college. Also people taking time off before Medical, PA or NP school are favored and the opportunity is highly beneficial to the applicant.

Note: Scribe hours are counted towards clinical training for PA school.



WHAT TO EXPECT

- Hardwork demanded, every shift
- Unlimited learning curve
- Competitive part time pay
- Some full-time positions available

ABOUT US

We are the nation's most frequently used medical scribe company with more than 4300 employees in 41 states providing professional services for over 500 clients. We invest heavily in the professional development of our scribes by providing them with unique resources such as the industry's only academic textbook, paid attendance to our national scribe leadership conference, online education, networking opportunities through social media, and development of the ScribeAmerica Mobile Scribe App™. We are ranked on the INC 500 list two years in a row for fastest growing private companies. In addition Modern Healthcare named us one of the Hottest Healthcare Companies in 2013. In turn, we've been rewarded through successful development of the nation's first "career scribes", that is, individuals with advanced degrees who have chosen to make a career with ScribeAmerica. Our clients have benefitted too, having received the prestigious Press Ganey Summit and Stuart Fleming Patient Safety awards.



www.scribeamerica.com/apply



Discover Public Health:

Public health protects and improves the health of individuals, families, communities, and populations, locally and globally

Are there required majors for the field of Public Health?



Public health professionals study and work in a range of fields. There is no one required undergraduate major for public health, and people in the field have backgrounds in:

Social sciences: anthropology, economics, history, political science, psychology, sociology, ethnic studies, women’s studies, etc.

Biological and physical sciences: biology, chemistry, earth science, engineering, physics, mathematics, etc.

Quantitative sciences: finance, statistics, computer sciences and

Many other fields, including nursing, the allied health professions, and more!

Examples of the many fields/roles in public health:

- Biostatisticians
- Community planners
- Epidemiologists
- Emergency responders
- Environmental health workers
- Healthcare consultants
- Nutritionists
- Occupational health and safety professionals
- Public health nurses
- Public health physicians
- Public policymakers
- Scientists and researchers
- Social workers
- Toxicologists

Summer Program in Biostatistics and Computational Biology

Length: 6 weeks

Application Deadline:
February 1, 2018

Program includes: Stipend, airfare, housing, & GRE prep course

Department: Biostatistics

Overview: This comprehensive program prepares undergraduate students for advanced degrees in Biostatistics, Comp Bio, and Public Health by exposing them to the use of quantitative methods for biological, environmental, and medical research. Typical backgrounds include strong math/statistics skills.

<https://www.hsph.harvard.edu/biostatistics/diversity/summer-program/>

Fostering Advancement & Careers through Enrichment Training in Science (FACETS)

Length: 6 weeks

Application Deadline:
February 4, 2018

Program includes: Stipend, airfare, housing, & GRE prep course

Department: School-wide

Overview: An interdisciplinary program with cross-departmental coursework and research opportunities with faculty from Social & Behavioral Sciences, Health Policy, Environmental Health, Nutrition, and Global Health. This dynamic program takes a holistic approach to cultivating the generation of scientists.

<https://www.hsph.harvard.edu/diversity/facets/>

Summer Program in Epidemiology and Biostatistics

Length: 5 weeks

Application Deadline:
February 4, 2018

Program includes: Stipend, airfare, housing, & GRE prep course

Department: Epidemiology

Overview: This program integrates mathematics and quantitative methods to provide undergraduates with an understanding of the skills and processes necessary to pursue a career in Epidemiology or Biostatistics. Successful candidates typically have strong quantitative skills.

<https://www.hsph.harvard.edu/epidemiology/diversity/summer-program-in-epidemiology/>

Summer Program in Biological Sciences

Length: 8 weeks

Application Deadline:
February 4, 2018

Program includes: Stipend, airfare, housing, & GRE prep course

Department: Division of Biological Sciences

Overview: Exposes undergraduate science students to the rewards of laboratory research directed towards solving important public health problems. Typical backgrounds include biology and other majors that provide lab experience.

<https://www.hsph.harvard.edu/biological-sciences/undergraduate-summer-internship-program/>

