Opportunities Week of May 3, 2019

**Mosquitoes Be Gone Internship Opportunities:** 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.

**BIO Summer Course Offerings:** Looking to take a Biology course this summer? Undergraduate Biology is offering a range of online and in person courses in Summer 2019.
For a list of course offerings, please see attached file.
# Biology Courses
## Summer 2019

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Days/Times</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 101</td>
<td>Human Biology</td>
<td>MW 1:30-4:55PM</td>
<td>Matthew Schmidt</td>
</tr>
<tr>
<td>BIO 203</td>
<td>Cellular &amp; Organ Physiology</td>
<td>MWTh 9:30-11:45AM</td>
<td>Robert Watson</td>
</tr>
<tr>
<td>BIO 204</td>
<td>Intro Biology Lab I</td>
<td>TuTh several sections</td>
<td>Marvin O’Neal &amp; Deborah Spikes</td>
</tr>
<tr>
<td>BIO 315</td>
<td>Microbiology</td>
<td>MW 9:30AM-12:55PM</td>
<td>Sangeet Honey &amp; Matthew Schmidt</td>
</tr>
<tr>
<td>BIO 316</td>
<td>Molecular Immunology</td>
<td>TuTh 5:30-8:55PM</td>
<td>Janet Andersen</td>
</tr>
<tr>
<td>BIO 344</td>
<td>Chordate Zoology</td>
<td>MW 9:30AM-12:55PM (lecture), MW 2:00-4:50PM (lab)</td>
<td>Kristen Pepe</td>
</tr>
<tr>
<td>BIO 354</td>
<td>Evolution</td>
<td>Online (West only)</td>
<td>David Charifson &amp; Jeanne Bovet</td>
</tr>
<tr>
<td>BIO 356</td>
<td>Applied Eco &amp; Conserv Bio Lab</td>
<td>TuTh 9:00AM-10:05AM (lecture), TuTh 10:15-1:25PM (lab)</td>
<td>Emily Herstoff</td>
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**SUMMER SESSION I – EXTENDED (May 28 – July 19)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Days/Times</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>BIO 201</td>
<td>Organisms to Ecosystems</td>
<td>Online (West only)</td>
<td>John True</td>
</tr>
<tr>
<td>BIO 202</td>
<td>Molecular &amp; Cellular Biology</td>
<td>Online (West or Manhattan)</td>
<td>Vitaly Citovsky</td>
</tr>
<tr>
<td>BIO 299</td>
<td>Adv. Microbiology/Health</td>
<td>TuTh 8:00-9:45AM (lecture), TuTh 9:50AM-12:40PM (rec/lab)</td>
<td>Sangeet Honey</td>
</tr>
<tr>
<td>BIO 320</td>
<td>General Genetics</td>
<td>TuTh 1:00-3:30PM</td>
<td>Stefan Tafrov</td>
</tr>
<tr>
<td>BIO 358</td>
<td>Bio &amp; Human Soc &amp; Sex Behavior</td>
<td>Online (West or Manhattan)</td>
<td>Paul Bingham &amp; Joanne Souza</td>
</tr>
<tr>
<td>BIO 361</td>
<td>Biochemistry I</td>
<td>Online (West or Manhattan)</td>
<td>Sanford Simon</td>
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**SUMMER SESSION II – EXTENDED (June 24 – August 17)**

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Days/Times</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>BIO 310</td>
<td>Cell Biology</td>
<td>Online (West or Manhattan)</td>
<td>Susan Erster</td>
</tr>
<tr>
<td>BIO 314</td>
<td>Cancer Biology</td>
<td>Online (West or Manhattan)</td>
<td>Susan Erster</td>
</tr>
<tr>
<td>BIO 361</td>
<td>Biochemistry I</td>
<td>MW 6:00-8:30PM</td>
<td>Michael Lake</td>
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**SUMMER SESSION II (July 8 – August 17)**

<table>
<thead>
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<th>Course</th>
<th>Title</th>
<th>Days/Times</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 114</td>
<td>Dinosaur Paleontology</td>
<td>TuTh 9:30AM-12:55PM</td>
<td>Stuart Plotkin</td>
</tr>
<tr>
<td>BIO 205</td>
<td>Intro Biology Lab IIA</td>
<td>TuTh several sections</td>
<td>Rebecca Garcia</td>
</tr>
<tr>
<td>BIO 211</td>
<td>Statistics &amp; Data Analysis</td>
<td>ThTh 1:00-4:20PM (lecture), ThTh 4:30-5:30PM (recitation)</td>
<td>Jeanne Bovet</td>
</tr>
<tr>
<td>BIO 334</td>
<td>Principles of Neurobiology</td>
<td>MW 1:30-4:55PM</td>
<td>Robert Watson</td>
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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 eighth 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

1 position- Website Design and Social Media (BIO, 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

Computer Science

1 Position – Product Ordering (WISE, BIO, BUS credit)

Responsibilities include:

- Exhibit the ability to self-edit and be dedicated to producing a polished, vivid and streamlined website and ordering service
- Make sure the ordering service is simple to use for customers and for the MBG team
- Manage the ordering service as necessary, making updates as directed
- Work with social media intern to implement computer science skills to combine the product ordering service with the website
- Communicate with the team as needed

Requirements include:
• Preferred CSC Major/Minor
• Can commit a minimum of 3 (credited) hours per week to the position
• Must provide Current CV
• Coursework or job experience in software and website making
• Excellent communication skills
• Works well in a team setting
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 May 12th and should be e-mailed to mosquitoesbegonellc@gmail.com