### Department of Biology Honors Thesis Proposal Defense
#### April 17, 2017 Location Student Union Palmetto Palm Room

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:10 - 9:25 am</td>
<td>To cleave or not to cleave? The functional role of Amyloid Precursor Protein in the development of the <em>Drosophila</em> Giant Fiber Circuit</td>
<td>Richelle Poulos</td>
</tr>
<tr>
<td>9:30 - 9:45 am</td>
<td>Determining potential enzymes involved in the cleavage of L1-type CAM <em>in vivo</em></td>
<td>Brittany Henry</td>
</tr>
<tr>
<td>9:50 – 10:05 am</td>
<td>Sexual and Ontogenetic Dimorphisms in the Anterior Lateral Line Nerve of the Yellow-spotted stingray (<em>Urobatis jamaicensis</em>)</td>
<td>Katie Kramer</td>
</tr>
<tr>
<td>10:10 - 10:25 am</td>
<td>Identification of Fauna Associated with Gopher Tortoise Burrows at two South Florida Sites</td>
<td>Laura De Souza</td>
</tr>
<tr>
<td>10:30 - 10:45 am</td>
<td>Neuroendocrine regulation of <em>C. elegans</em> larval development by autophagy</td>
<td>Cecilia Nicholas</td>
</tr>
<tr>
<td>10:50 - 11:05 am</td>
<td>Multicomponent reaction of thionoderivatives of 4-aza-podophyllotoxin with potential antimitotic activity</td>
<td>Charles Shearer</td>
</tr>
<tr>
<td>11:10 - 11:25 am</td>
<td>Role of megalin protein system in maternal-fetal interactions during placental malaria</td>
<td>Guerlande Fontus</td>
</tr>
<tr>
<td>11:30 – 11:45 am</td>
<td>An Analysis of <em>Gopherus polyphemus</em> Reproduction at the FAU Preserve</td>
<td>Thuymi Nguyen</td>
</tr>
<tr>
<td>11:50 – 12:05 pm</td>
<td>Diet and Temporal Partitioning by the Common Octopus and the Atlantic Longarm Octopus in a South Florida Habitat</td>
<td>Danielle Bartz</td>
</tr>
<tr>
<td>12:10 – 12:25 pm</td>
<td>Attitudes towards clean meat: Exploring methods of increasing appeal</td>
<td>Kristopher Gasteratos</td>
</tr>
</tbody>
</table>
# Department of Biology Honors Thesis Proposal Defense

**April 24, 2017 Location Student Union Palmetto Palm Room**

<table>
<thead>
<tr>
<th>Time</th>
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</tr>
</thead>
<tbody>
<tr>
<td>9:10 - 9:25 am</td>
<td>Effect of pak6 knock-out on prostate cancer cell stiffness</td>
<td>Nikolas Echeverry</td>
</tr>
<tr>
<td>9:30 - 9:45 am</td>
<td>Characterizing the Biophysical Mechanism of Cell-penetrating Peptide in Cancer Cell Entry</td>
<td>Mary Moussa</td>
</tr>
<tr>
<td>9:50 – 10:05 am</td>
<td>The Effects of Disorientation on the Survival Rates of Emerging Loggerhead (<em>Caretta caretta</em>) Hatchlings Between the Nest and the Surf</td>
<td>Brianna Villegas Vindiola</td>
</tr>
<tr>
<td>10:10 - 10:25 am</td>
<td>Song as an Aggressive Signal in the Bachman’s Sparrow (<em>Peucaea aestivalis</em>)</td>
<td>Sabah Ali</td>
</tr>
<tr>
<td>10:30 - 10:45 am</td>
<td>Active vs Rest State: Is object memory encoding, consolidation, and retrieval affected by biological clock?</td>
<td>Elishama Petion</td>
</tr>
<tr>
<td>10:50 - 11:05 am</td>
<td>How Did I Get Here? Selective Activation of Head Direction Cells</td>
<td>Jonathan Rivera</td>
</tr>
<tr>
<td>11:10 - 11:25 am</td>
<td>Modulating Fear Extinction via the SK channels</td>
<td>Danielle Riboul</td>
</tr>
<tr>
<td>11:30 – 11:45 am</td>
<td>Cathelicidin is Produced by Human Leukemia Monocytes Following 1,25(OH)<em>{2}D</em>{3} treatment</td>
<td>Gabrille Rind</td>
</tr>
<tr>
<td>11:50 – 12:05 pm</td>
<td>Enhancing Breast Cancer Killing with CpG &amp; 3-Bromopyruvate</td>
<td>Dawit Rumicha</td>
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<tr>
<td>12:10 – 12:25 pm</td>
<td>Influence of cGMP-dependent protein kinase signaling pathway in time to recovery from an induced electroconvulsive seizure in <em>D. melanogaster</em></td>
<td>Leonor Miranda</td>
</tr>
<tr>
<td>12:30 – 12:45 pm</td>
<td>Effects of Methionine Sulfoxide Reductase (Msr) Deficiency During Anoxia in <em>D. melanogaster</em></td>
<td>Victoria Beck</td>
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</tbody>
</table>