2018

UHM SUMMER UNDERGRADUATE RESEARCH EXPERIENCE (SURE) SYMPOSIUM

Aug 2: Oral Presentations* | 9a-12:30p
@Institute for Astronomy Auditorium

Aug 3: Poster Presentations | 12-2p
@East-West Center, Jefferson Hall

*Presentations by REU students from Institute for Astronomy
Oral Presentations

Thursday, August 2, 2018
Institute for Astronomy Auditorium

9:00 - 9:05 am  Introduction and opening remarks –
Dr. Velma Kameoka (Associate Vice Chancellor for
Research, UHM)

9:05 – 9:10 am  Undergraduate Research at the UH –
Dr. Creighton Litton (Director, Undergraduate
Research Opportunities Program, UHM)

9:10 – 9:15 am  REU° program at the UH Institute for Astronomy –
Dr. Nader Haghighipour (Director, Institute for
Astronomy REU Program)

9:15 - 10:45 am  Student presentations – Session 1

10:45 - 11:00 am  Coffee break

11:00 - 12:45 pm  Student presentations – Session 2

°National Science Foundation Research Experiences for Undergraduates
## Poster Presentations

**Friday, August 3, 2018**  
**East-West Center**  
**Imin International Conference Center at Jefferson Hall**  
**Ohana, Makana, and Wailana rooms**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
</tr>
</thead>
</table>
| 12:00 - 12:05 pm | Opening remarks –  
Dr. Creighton Litton (Director, Undergraduate Research Opportunities Program) |
| 12:05 – 12:10 pm | Event overview –  
Jessie Chen (Program Coordinator, Undergraduate Research Opportunities Program) |
| 12:10 – 1:00 pm   | Poster presentations – presenters stationed at posters                           |
| 1:00 – 2:00 pm   | Poster presentations continued – presenters free to view other posters           |
**Poster Presentations**

12:00 pm – 2:00 pm

<table>
<thead>
<tr>
<th>Board</th>
<th>Title, Student* and Mentor, Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hotspot Trackers: Using Pb isotope signatures to trace Pacific plate motion around 100Ma, Alexander Alverson* and Dr. Jasper Konter, Department of Geology &amp; Geophysics REU</td>
</tr>
<tr>
<td>2</td>
<td>An Analysis of Coronal Hole Properties during the Descending Phases of Solar, Jonathan Lee* and Dr. Xudong Sun, IfA REU Program</td>
</tr>
<tr>
<td>3</td>
<td>An experimental and analytical investigation of clinopyroxene sector zoning in two Hawaiian magmas, Manlio Calentti* and Dr. Julia Hammer, Department of Geology &amp; Geophysics REU</td>
</tr>
<tr>
<td>4</td>
<td>Performance of Polygenic Risk Scores of Breast Cancer Risk in the Multiethnic Cohort, Chloe Asato* and Dr. Yurii Shvetsov, Biology, Public Health</td>
</tr>
<tr>
<td>5</td>
<td>On the Origin of Free-Floating Planets, Ajani Bakari* and Dr. Nader Haghighipour, IfA REU Program</td>
</tr>
<tr>
<td>Board</td>
<td>Title, Student* and Mentor, Program</td>
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<tr>
<td>6</td>
<td>Examining land-based sources of pollution in Kaneohe Bay: the case for algae as &quot;tape recorders,&quot; Kelsey Cushway* and Dr. Celia Smith &amp; Dr. Craig Glenn, Department of Geology &amp; Geophysics REU</td>
</tr>
<tr>
<td>7</td>
<td>FIB and Microbial Communities in Soil Under Native and Non-Native Vegetation, Adam Cannon* and Dr. Marek Kirs, DNA-Based Discoveries in Hawai‘i's Biodiversity REU</td>
</tr>
<tr>
<td>8</td>
<td>Diet and anthropometrics in the context of hula as a physical activity intervention, Nina Krupa* and Dr. Erin O'Carroll Bantum, Cancer Prevention in the Pacific, University of Hawai‘i Cancer Center</td>
</tr>
<tr>
<td>9</td>
<td>Herschel Detections: Disentangling Obscured Active Galactic Nuclei, Jason Brewster* and Dr. David Sanders, IfA REU Program</td>
</tr>
<tr>
<td>10</td>
<td>Experimental study of model dikes in gelatin, Annika Decher* and Dr. Steve Martel, Department of Geology &amp; Geophysics REU</td>
</tr>
<tr>
<td>11</td>
<td>“Court Cool” : assessing skin cancer intervention efficacy in Hawai‘i high school athletes, Emily Rapoza* and Dr. Kevin Cassel, University of Hawai‘i Cancer Center</td>
</tr>
<tr>
<td>12</td>
<td>Marine microbial response to dispersed crude oil, Maria Haileselassie* and Dr. Brandon Yoza, DNA-Based Discoveries in Hawai‘i's Biodiversity REU</td>
</tr>
<tr>
<td>Board</td>
<td>Title, Student* and Mentor, Program</td>
</tr>
<tr>
<td>-------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>13</td>
<td>Acute Duloxetine Treatment Paradoxically Induces Anxious Behavior in Rats, Max Nakamoto* and Dr. Amy Jo Stavnezer, Biology, Psychology</td>
</tr>
<tr>
<td>14</td>
<td>A phylogenetic assessment of the cave adapted planthopper species <em>Oliarus polyphemus</em>, Briann Pitts* and Dr. Megan Porter, DNA-Based Discoveries in Hawai‘i's Biodiversity REU</td>
</tr>
<tr>
<td>15</td>
<td>Diversity of the brown alga <em>Dictyota</em> between mesophotic and shallow reefs of Hawai‘i, Mary Ade* and Dr. Alison Sherwood, DNA-Based Discoveries in Hawai‘i’s Biodiversity REU</td>
</tr>
<tr>
<td>16</td>
<td>Improving a Gold and Titanium Containing Metallodrug’s Efficacy Against Bladder Cancer, Lacye Yata* and Dr. Joe Ramos, Cancer Biology, University of Hawai‘i Cancer Center</td>
</tr>
<tr>
<td>17</td>
<td>To be determined (TBD)</td>
</tr>
<tr>
<td>18</td>
<td>Nectar of Native Hawaiian Flowers Contains Genetically Novel and Globally Distributed Yeast Species, Cade Justad-Sandberg* and Dr. Nhu Nguyen, DNA-Based Discoveries in Hawai‘i's Biodiversity REU</td>
</tr>
<tr>
<td>19</td>
<td>Validation of an oncology-specific instrument to measure care coordination, Victor Kilonzo* and Dr. Randall Holcombe, University of Hawai‘i Cancer Center</td>
</tr>
<tr>
<td>20</td>
<td>Variations in Sediment Thickness on the N. Philippine Sea Plate Reflect Variations in Underlying Basement Topography, Katherine Donovan* and Dr. Greg Moore, Department of Geology &amp; Geophysics REU</td>
</tr>
<tr>
<td>Board</td>
<td>Title, Student* and Mentor, Program</td>
</tr>
<tr>
<td>-------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>21</td>
<td>Evaluating Culture-as-intervention Approaches to Reduce Substance Use Amongst Native Hawaiian Adolescents: A Systematized Literature Review, Cherry Yamane* and Dr. Susana Helm, Office of Public Health Studies</td>
</tr>
<tr>
<td>22</td>
<td>Characterizing Photon Counting Properties of SAPHIRA Detectors, Lincoln Craven-Brightman* and Dr. Don Hall, IfA REU Program</td>
</tr>
<tr>
<td>23</td>
<td>Characterization of Mutant HIF1 Transgenic Mouse Line, Ma Carmela Therese Anagaran* and Dr. Ralph V Shohet, Center for Cardiovascular Research</td>
</tr>
<tr>
<td>24</td>
<td>Generating and Interpreting a New Sea-Surface-Height and Sea-State Data on the UH Research Vessel Kilo Moana, Mary Frances Gabito* and Dr. James Foster, Department of Geology &amp; Geophysics REU</td>
</tr>
<tr>
<td>25</td>
<td>Buckling of tectonic plates beneath volcano loads, Letrell Harris* and Dr. Garrett Apuzen-Ito, Department of Geology &amp; Geophysics REU</td>
</tr>
<tr>
<td>26</td>
<td>Microbial characteristics of rainwater in native and non-native vegetation, Annette Ludwig* and Dr. Marek Kirs, DNA-Based Discoveries in Hawai‘i’s Biodiversity REU</td>
</tr>
<tr>
<td>27</td>
<td>On the Origin of Free-Floating Planets: Effect of Giant Planet Migration, Jordan Jubeck* and Dr. Nader Haghighipour, IfA REU Program</td>
</tr>
<tr>
<td>Board</td>
<td>Title, Student* and Mentor, Program</td>
</tr>
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<td>-------</td>
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</tr>
<tr>
<td>28</td>
<td>Taking the pulse of Kilauea Volcano, Hawaii: Using zoned olivine to decipher magmatic timescales, Otto Lang* and Dr. Thomas Shea &amp; Dr. Mike Garcia, Department of Geology &amp; Geophysics REU</td>
</tr>
<tr>
<td>29</td>
<td>Analysis of Coronal Holes in Sun's Cycles 23 and 24 Using EUVI and HMI Data, Andrea Minot* and Dr. Xudong Sun, IfA REU Program</td>
</tr>
<tr>
<td>30</td>
<td>PEA-15 co-traffics with Transferrin at the Rab5 endosome, Anna Wen* and Dr. Joe W Ramos, Biochemistry, University of Hawai‘i Cancer Center</td>
</tr>
<tr>
<td>31</td>
<td>Tobacco point-of-sale marketing exposure and tobacco product use, Kayzel Rose Tabangcura* and Dr. Pallav Pokhrel, Biochemistry, University of Hawai‘i Cancer Center</td>
</tr>
<tr>
<td>32</td>
<td>Tobacco product use within peer groups, Bernadette Eunice Dela Cruz* and Dr. Pallav Pokhrel, University of Hawai‘i Cancer Center</td>
</tr>
<tr>
<td>33</td>
<td>Signature of Epigenetics in an Adaptive Behavior of Mexican Cavefish, Isaac Lord* and Dr. Masato Yoshizawa, DNA-Based Discoveries in Hawai‘i’s Biodiversity REU</td>
</tr>
<tr>
<td>34</td>
<td>Relationship Between Morphological Traits, Water Depths, and Foraging Behavior of the Hawaiian Stilt (<em>Himantopus mexicanus knudseni</em>), Melissa Jones* and Dr. Melissa Price, Biology</td>
</tr>
<tr>
<td>35</td>
<td>TBD</td>
</tr>
<tr>
<td>Board</td>
<td>Title, Student* and Mentor, Program</td>
</tr>
<tr>
<td>-------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>36</td>
<td>Taxonomic diversity of bacteria from hypersaline environments, Kailey Sager* and Dr. Stuart Donachie, DNA-Based Discoveries in Hawai‘i's Biodiversity REU</td>
</tr>
<tr>
<td>37</td>
<td>Synthesis and characterization of pure nano-polycrystalline diamond at high pressures in multianvil press, Kelsey Nichols* and Dr. Bin Chen, Department of Geology &amp; Geophysics REU</td>
</tr>
<tr>
<td>38</td>
<td>Using Structure from Motion (SfM) to Quantify Coral Reef Colony Level Demographics from Underwater Imagery, Noah Howins* and Dr. Rhonda Suka, Oceanography</td>
</tr>
<tr>
<td>39</td>
<td>Divesting From Fossil Fuel, Alison Ho* and Dr. James Niino, Political Science</td>
</tr>
<tr>
<td>40</td>
<td>TBD</td>
</tr>
<tr>
<td>41</td>
<td>The Impact of Antioxidants on Biodiesel Stability, Sabrina Summers* and Dr. Scott Turn &amp; Dr. Jinxia Fu, Hawaii Natural Energy Institute</td>
</tr>
<tr>
<td>42</td>
<td>TBD</td>
</tr>
<tr>
<td>43</td>
<td>TBD</td>
</tr>
<tr>
<td>44</td>
<td>Observational measures of sun-protection practices among Hawai‘i vacationers, Shaina-Marie Acosta* and Dr. Kevin Cassel, University of Hawai‘i Cancer Center</td>
</tr>
<tr>
<td>Board</td>
<td>Title, Student* and Mentor, Program</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>45</td>
<td>Obscuration Effects in Luminous Quasars Found in Stripe 82, Kurt Hamblin* and Dr. David Sanders, IfA REU Program</td>
</tr>
<tr>
<td>46</td>
<td>Evaluating emergent low-cost light and pressure sensor technologies for coastal oceanographic applications, Kaelan Weiss* and Dr. Brian Glazer, Department of Geology &amp; Geophysics REU</td>
</tr>
<tr>
<td>47</td>
<td>Formation of Close-in Super-Earth and the Effect of Giant Planets Migration, Christophe Lenert* and Dr. Nader Haghighipour, IfA REU Program</td>
</tr>
<tr>
<td>48</td>
<td>The assessment of diet quality and physical activity engagement of children in the Pacific region, Jhon Michael Malabed* and Dr. Carol J Boushey, Epidemiology, Office of Public Health Studies</td>
</tr>
<tr>
<td>49</td>
<td>Rapid crystal growth in the Solar System’s slowest cooled magma? Investigating the paradox of olivine P-enrichment in troctolite 76535 parent melt with laboratory crystallization experiments, Alexandra Kirsch* and Dr. Julia Hammer, Planetary Geology &amp; Geophysics Undergraduate Research Program (PGGURP)</td>
</tr>
<tr>
<td>50</td>
<td>Using miRNA ratios as a bio marker for early detection of lung cancer, Lindlelyn Tabula* and Dr. Youping Deng, University of Hawai‘i Cancer Center</td>
</tr>
<tr>
<td>51</td>
<td>Effect of seawater-induced microbial contamination on biodiesel and F76 diesel, and corresponding community shifts, Sydney Suzuki* and Dr. Brandon Yoza, DNA-Based Discoveries in Hawai‘i's Biodiversity REU</td>
</tr>
</tbody>
</table>
Reduction of phenolic content in *Theobroma cacao* cotyledons by microbial fermentation, Talyssa Topacio* and Dr. Nhu Nguyen, DNA-Based Discoveries in Hawai‘i’s Biodiversity REU
Please enter and sign-in at makai (south) side entrance.
Acknowledgements
Mahalo nui loa

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University of Hawai‘i Foundation

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Stephanie Kraft-Terry & Stuart Donachie, Department of Biology and Department of Microbiology DNA-Based Discoveries in Hawai‘i’s Biodiversity REU
Paul Wessel, Department of Geology and Geophysics Earth Science on Volcanic Islands REU

Accommodations
East-West Center
Honors Program
College of Tropical Agriculture and Human Resources Computing Lab
Yama’s Fish Market

Mass Announcements
UH Office of Communications and UH News
Honors Program
PATHway to Biomedical Careers
Native Hawaiian Student Services
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