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| 1      | Andrew Basnet | Relationship between the Gonial Angle and Classes of Malocclusion in Human Development  
*Faculty Sponsor: Miranda Karban* |
| 2      | Savanna Brady | Determining the Age at Death of *Homo sapiens* Case IC 0002 Using Transition Analysis  
*Faculty Sponsor: Miranda Karban* |
| 3      | Lindsay Bruce and Lisset Perez-Carapia | Investigation of a Series of Nickel Phosphine Catalysts for “Green” Suzuki-Miyaura Coupling Reactions  
*Faculty Sponsor: Jocelyn Lanorio* |
| 4      | Karen Caamano Martinez | Estimating Ancestry of *Homo sapiens* Case IC 0002 through Metric and Non-metric Analyses  
*Faculty Sponsor: Miranda Karban* |
| 5      | Carly Cameron | Forensic Anthropology: Determining Age, Sex, and Ancestry of Three Unknown *Homo sapiens* Skulls  
*Faculty Sponsor: Miranda Karban* |
| 6      | Sabrina Doyle | The Effect of Prescribed Burns on Bat Activity and Species Composition in Upland and Riparian Habitats  
*Faculty Sponsor: Bryan Arnold* |
| 7      | Lauren Estes | Scoring External Occipital Protuberance Prominence in Extant Human Growth Study Cephalograms  
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| 8      | Brenna Garland | Geometric Morphometric Analysis of the Human Mental Eminence: Development and Sexual Dimorphism  
*Faculty Sponsor: Miranda Karban* |
| 9      | Sirikarn Phuangthong | Synthesis of Air-Stable Ruthenium and Nickel Catalysts  
*Faculty Sponsor: Jocelyn Lanorio* |
| 10     | Megan Price | Investigating Sexual Dimorphism in *Homo sapiens* Nasal Aperture Shape  
*Faculty Sponsor: Miranda Karban* |
| 11     | Mason Speer | Three Step Synthesis of Muscone  
*Faculty Sponsor: Brent Chandler* |
| 12     | Miguel Tellez | Estimating Sex Using Human Growth Study Cephalograms  
*Faculty Sponsor: Miranda Karban* |
# CELEBRATION OF EXCELLENCE 2019

## Poster Presentations

**Schewe Library | 2:00 – 2:55 p.m.**

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<td>Anthony Hand</td>
<td>Making Constitutively Active β-catenin Transgenic <em>Xenopus laevis</em>&lt;br&gt;<em>Faculty Sponsor: Paul Hamilton</em></td>
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<td>2</td>
<td>Eric Huntemann</td>
<td>Investigating the role of the corneal stroma during <em>X. laevis</em> lens regeneration&lt;br&gt;<em>Faculty Sponsor: Paul Hamilton</em></td>
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<td>Arshia Jafar Nia</td>
<td>Investigating the role of Wnt signaling during cornea-lens regeneration in postmetamorphic cornea&lt;br&gt;<em>Faculty Sponsor: Paul Hamilton</em></td>
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<td>Madi Peyton</td>
<td>Using Solar Pathfinder Technology to Quantify Solar Panels&lt;br&gt;<em>Faculty Sponsor: Pratheesh Jakkala</em></td>
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<td>Amanda Schack</td>
<td>Quantifying the proliferative response to damage in developing lung tissue&lt;br&gt;<em>Faculty Sponsor: Paul Hamilton</em></td>
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<td>Luigi Erba and Vivswan Shah</td>
<td>Simultaneous Morse Code Telegraphy using Radio Waves and Arduino UNOs&lt;br&gt;<em>Faculty Sponsor: Pratheesh Jakkala</em></td>
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<td>7</td>
<td>Juta Wowoe</td>
<td>Energy requirements and production methods of conventional solar panels&lt;br&gt;<em>Faculty Sponsor: Pratheesh Jakkala</em></td>
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Faculty Sponsors: T. Caitlin Vasquez-O’Brien and Elizabeth Rellinger Zettler |
| 2      | Caroline Casler | Internship Experience with Diversified Crop Insurance  
Faculty Sponsor: Michael Woods |
| 3      | Sarah Christian and Samantha McFarland | Fear Avoidance and Approach as Mediators Between Effortful Control and Child Problem Behaviors  
Faculty Sponsors: T. Caitlin Vasquez-O’Brien and Elizabeth Rellinger Zettler |
| 4      | Alexis Coffey | The Impact of Peers on Conformity  
Faculty Sponsor: T. Caitlin Vasquez-O’Brien |
| 5      | Kalli Kaney | How Smell Affects the Identification of Foods and the Intensity of Flavors  
Faculty Sponsor: T. Caitlin Vasquez-O’Brien |
| 6      | LaNise Kirk | Why is he paying for sex? The correlation of emotional availability in males and the utilization of prostitutes  
Faculty Sponsor: T. Caitlin Vasquez-O’Brien |
| 7      | Yuhua Li | Good Grades or Good Looks? The Influence of Academic Standing and Facial Attractiveness on Evaluations of Resumes  
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| 8      | Brooke Metzger | The Effectiveness of Dog Exposure on the Reduction of Anxiety and Depression  
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| 9      | Markie Mulchay | The Effects of the School Year on the Mental Health of Teachers  
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| 10     | Jillian Pratt | How Emojis Effect the Non-Verbal Communication of Text Messaging  
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| 11     | Rylie Putrich | The Role of Social Learning in the Development of Children’s Effortful Control  
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Faculty Sponsors: T. Caitlin Vasquez-O’Brien and Elizabeth Rellinger Zettler |
| 13     | Eve Bahler and Elizabeth Schenk | Genetic Identification of Mycorrhizal Fungi in Palau Orchids  
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| 15     | Eve Bahler, Nancy Cisneros, Ian Gatlin, Bailey Paskach, Oluwasuborni Olusola, Rolando Salazar and Elizabeth Schenk | The Lens of the “Other” through Study Abroad: Education and Social Norms  
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