

## 2014 Approved SRAP Proposals

| Project # | Project Supervisor | Department                           | E-Mail   | Project Title   |
|-----------|--------------------|--------------------------------------|--|---|
| 1         | Chris Berg         | Geosciences                          | <a href="mailto:cberg@westga.edu">cberg@westga.edu</a>       | Using Small Measure to Think Big: Scanning Electron Microscopy in the Geosciences       |
| 2         | Shea Rose          | Geosciences                          | <a href="mailto:srose@westga.edu">srose@westga.edu</a>       | Mapping and Sustainability Analysis (MASA)  |
| 3         | Debrah Santini     | Art                                  | <a href="mailto:dsantini@westga.edu">dsantini@westga.edu</a> | Student Letterpress Assistant   |
| 4         | William Joey Smith | Economics                            | <a href="mailto:wsmith@westga.edu">wsmith@westga.edu</a>     | Economic Forecasting Breakfast and State of West Georgia Community Banking              |
| 5         | Andrew Edelman     | Biology                              | <a href="mailto:aedelman@westga.edu">aedelman@westga.edu</a> | Response of terrestrial vertebrates to fire-based restoration of mountain longleaf pine |
| 6         | Shawn Isaacs       | Mass Communications                  | <a href="mailto:sisaacs@westga.edu">sisaacs@westga.edu</a>   | Radio Lab Supervisor  |
| 7         | Shelly Elman       | Theatre                              | <a href="mailto:relman@westga.edu">relman@westga.edu</a>     | UWG Theatre Marketing and Recruitment Assistant   |
| 8         | Yan Yang           | Educational Technology & Foundations | <a href="mailto:yyang@westga.edu">yyang@westga.edu</a>       | The Roles of Achievement Goals in the Types of Help-Seeking in Distance Learning        |
| 9         | Susan Fishman      | Archaeological Laboratory            | <a href="mailto:sfishman@westga.edu">sfishman@westga.edu</a> | Archaeological Education Program  |

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|-----------|------------------------|--------------------------------------|--|--|
| <b>10</b> | Hannes Gerhardt        | Geosciences                          | <a href="mailto:hgerhard@westga.edu">hgerhard@westga.edu</a> | Calculating and Analyzing University of West Georgia's Carbon Footprint  |
| <b>11</b> | Danilo Baylen          | Educational Technology & Foundations | <a href="mailto:dbaylen@westga.edu">dbaylen@westga.edu</a>   | Analyzing Archived Digital Texts to Support the Design of Interactive and Collaborative Online Educational Experiences   |
| <b>12</b> | Douglas Stuart         | Chemistry                            | <a href="mailto:dstuart@westga.edu">dstuart@westga.edu</a>   | Synthesis of Gold Coated Super Paramagnetic Particles  |
| <b>13</b> | Curtis Hollabaugh      | Geosciences                          | <a href="mailto:chollaba@westga.edu">chollaba@westga.edu</a> | Detailed geochemistry, mineralogy, and petrology investigation of kimberlites, lamproites, topaz rhyolites, and pegmatites in Georgia, Wyoming, Colorado, and Utah |
| <b>14</b> | Sonya Barnes           | Mass Communications                  | <a href="mailto:sbarnes@westga.edu">sbarnes@westga.edu</a>   | Student Promotions and Research Producer   |
| <b>15</b> | Josh Masters           | English                              | <a href="mailto:jmasters@westga.edu">jmasters@westga.edu</a> | American Cultural History and the Short Fiction of Flannery O'Connor   |
| <b>16</b> | Jesus Salvador Peralta | Political Science and Planning       | <a href="mailto:jperalta@westga.edu">jperalta@westga.edu</a> | Latinos and Obama Si Se Puede  |
| <b>17</b> | Kim Holder             | Economics                            | <a href="mailto:kholder@westga.edu">kholder@westga.edu</a>   | Developing Differentiated Media Techniques for Economic Education  |

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|-----------|-----------------|---------------------------------|--|---|
| <b>18</b> | Georgia DeWeese | Geosciences                     | <a href="mailto:gdeweese@westga.edu">gdeweese@westga.edu</a> | Dendroarchaeological dating and authentication of the Green Hotel, Cave Spring, Georgia: A Potentially Unknown Cherokee Site on the Georgia Trail of Tears          |
| <b>19</b> | Michael Sinkey  | Economics                       | <a href="mailto:msinkey@westga.edu">msinkey@westga.edu</a>   | Learning and Price Discovery in Common Value Auctions   |
| <b>20</b> | Farooq Khan     | Chemistry                       | <a href="mailto:fkhan@westga.edu">fkhan@westga.edu</a>       | Selective binding of metal ions to the antibiotic beauvericin: A combined mass spectrometric and computational study  |
| <b>21</b> | Colleen Walsh   | Counseling & Career Development | <a href="mailto:cwalsh@westga.edu">cwalsh@westga.edu</a>     | Student Anchors   |
| <b>22</b> | Ben Steere      | Anthropology                    | <a href="mailto:bsteere@westga.edu">bsteere@westga.edu</a>   | Rediscovering the Archaeology of Carroll County: A Reanalysis of Dr. Lewis Larson's 1974 Archaeological Survey of Carroll, Haralson, and Paulding Counties, Georgia |
| <b>23</b> | Mike Orsega     | Computer Science                | <a href="mailto:morsega@westga.edu">morsega@westga.edu</a>   | Evaluating Instruction using Custom-Built Tutorials   |
| <b>24</b> | Kerriann Marden | Anthropology                    | <a href="mailto:kmarden@westga.edu">kmarden@westga.edu</a>   | Forensic Anthropology Research: Trauma and Taphonomy  |

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|-----------|------------------|-----------------------------------|--|---|
| <b>25</b> | Megumi Fujita    | Chemistry                         | <a href="mailto:mfujita@westga.edu">mfujita@westga.edu</a>         | From ion-pair receptor to amino-acid sensors: Toward a practical application                                |
| <b>26</b> | Ann McCleary     | History/Center for Public History | <a href="mailto:bussards4@msn.com">bussards4@msn.com</a>           | West Georgia Textile Heritage Trail   |
| <b>27</b> | Spencer Slattery | Chemistry                         | <a href="mailto:sslatt@westga.edu">sslatt@westga.edu</a>           | Design & Synthesis of a Novel Organic Molecule for the Development of a Molecular Switch                    |
| <b>28</b> | Keith Hebert     | History                           | <a href="mailto:khebert772927@live.com">khebert772927@live.com</a> | Center for Public History<br>Textile History Digital Exhibit  |
| <b>29</b> | Anne Gaquere     | Chemistry                         | <a href="mailto:agaquere@westga.edu">agaquere@westga.edu</a>       | Effect of ultrasounds on enzyme activity (continued)  |
| <b>30</b> | Stephanie Smith  | Art                               | <a href="mailto:slsmith@westga.edu">slsmith@westga.edu</a>         | Gallery Assistant   |
| <b>31</b> | Soo Jung Moon    | Mass Communications               | <a href="mailto:soojmoon@gmail.com">soojmoon@gmail.com</a>         | Mapping the First and Second-level Agenda Setting: Relationship between Issue Ownership and Trait Ownership |
| <b>32</b> | Cathy Wright     | Extended Learning-Newnan Center   | <a href="mailto:cwright@westga.edu">cwright@westga.edu</a>         | UWG-Newnan Student Marketing Assistant  |
| <b>33</b> | David Bush       | Geosciences                       | <a href="mailto:dbush@westga.edu">dbush@westga.edu</a>             | Coastal Hazard Mapping, Puerto Rico   |
| <b>34</b> | Vicki Geisler    | Chemistry                         | <a href="mailto:vgeisler@westga.edu">vgeisler@westga.edu</a>       | Antioxidant Activity of Phenols   |
| <b>35</b> | Maggie Worth     | Communications and Marketing      | <a href="mailto:mworth@westga.edu">mworth@westga.edu</a>           | Communications Assistant  |
| <b>36</b> | Partha Ray       | Chemistry                         | <a href="mailto:psray@westga.edu">psray@westga.edu</a>             | Studies Toward the Synthesis of a Potential Anti-tumor Agent  |

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|-----------|-----------------|-----------------------|--|--|
| <b>37</b> | Lara Willox     | Learning and Teaching | <a href="mailto:lwilcox@westga.edu">lwilcox@westga.edu</a>   | Results of Collaborative Action Research in Pre-service Teacher Education  |
| <b>38</b> | Ajith DeSilva   | Physics               | <a href="mailto:ldesilva@westga.edu">ldesilva@westga.edu</a> | Investigation of Local Microstructures in Quantum Dots/Polymer Composites  |
| <b>39</b> | Brad Darvas     | Theatre               | <a href="mailto:bdarvas@westga.edu">bdarvas@westga.edu</a>   | Scene Shop Foreperson  |
| <b>40</b> | Sharmistha Dutt | Chemistry             | <a href="mailto:sbdutt@westga.edu">sbdutt@westga.edu</a>     | Wastepaper-->Bioethanol: Wasted Reduction, Fuel Production!  |
| <b>41</b> | Mautusi Mitra   | Biology               | <a href="mailto:mmitra@westga.edu">mmitra@westga.edu</a>     | Characterization of Chlamydomonas reinhardtii (a model green micro-alga) mutants defective in photosynthetic pigment biosynthesis and photosynthesis under different irradiance conditions |