



**Broadening Diversity in the Biological Sciences**  
**A Workshop Focused on Careers and Graduate Study Opportunities in Biology**  
**February 1, 2014**  
**University of Central Florida**  
**Orlando**

The [University of Central Florida](#), [University of Florida](#), [Florida Museum of Natural History](#), and [iDigBio](#) are pleased to sponsor this free 1-day workshop for undergraduate students and recent graduates focusing on graduate study in field and environmental biology, biodiversity, ecology, and evolution. Registration is open to freshmen, sophomores, juniors, seniors, and recent graduates.

| Time             | Topic  | Speaker  |
|------------------|--|--|
| 10:00-10:15 a.m. | <b>Why this workshop?<br/>Getting acquainted.</b>                                      | <b>Dr. Gil Nelson</b><br>Assistant Professor/Research<br>Florida State University<br>iDigBio   |
| 10:15-10:45 a.m. | <b>Keynote: The Attraction of<br/>Modern Biological Science.</b>                       | <b>Dr. Scott Edwards</b><br>Professor of Organismic and Evolutionary<br>Biology,<br>Curator of Ornithology,<br>Alexander Agassiz Professor of Zoology,<br>Museum of Comparative Zoology<br>Harvard University<br>Division Director, National Science<br>Foundation |
| 10:45-11:00 a.m. | <b>A Passion for Biology.</b>  | <b>Dr. Hank Bart, Jr.</b><br>Professor of Ecology and Evolutionary<br>Biology<br>Director and Curator of Fishes,<br>Tulane University Museum of Natural History  |
| 11:00-11:15 a.m. | <b>Specimens, Collecting, and<br/>the Lure of the Field in<br/>Organismal Biology.</b> | <b>Gabriela Hogue</b><br>Collections Manager of Fishes<br>North Carolina Museum of Natural Sciences  |
| 11:15-11:30 a.m. | <b>Break</b>   |  |



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| <p><b>11:30-12:00 a.m.</b></p> | <p><b>Concurrent Session A<br/>Preparing and Applying for Graduate School.</b></p> <p>This track is suggested for students with at least two years of college complete. The session will review how to create a strong portfolio for graduate school and the components of the application.</p>   | <p><b>Michael Aldarondo-Jeffries</b><br/>Director, McNair Scholars &amp; RAMP,<br/>University of Central Florida</p>              |
| <p><b>11:30-12:00 a.m.</b></p> | <p><b>Concurrent Session B<br/>Preparing for a Biology Major.</b></p> <p>This track is suggested for students who are in their first two years of college. This workshop will review strategies for being successful throughout your biology major, including what courses to take in your first two-years, how to create a semester-by-semester plan, and how to select an emphasis within your major.</p> | <p><b>Frank Logiudice</b><br/>Undergraduate Coordinator and Instructor,<br/>Biology Department, University of Central Florida</p> |
| <p><b>12:00-12:30 p.m.</b></p> | <p><b>Concurrent Session C<br/>Finding Financial Resources for Graduate School.</b></p> <p>This track is suggested for students with at least two years of college complete. This workshop will review the wide variety of funding sources available for graduate education.</p>  | <p><b>Michael Aldarondo-Jeffries</b><br/>Director, McNair Scholars &amp; RAMP,<br/>University of Central Florida</p>              |
| <p><b>12:00-12:30 p.m.</b></p> | <p><b>Concurrent session D<br/>Preparing for Upper Division Courses.</b></p> <p>This track is suggested for freshmen and sophomores and will offer important study skills and habits to help prepare for upper division courses in STEM fields.</p>   | <p><b>Amy Bickel</b><br/>College of Graduate Studies<br/>University of Central Florida</p>  |
| <p><b>12:30-2:00 p.m.</b></p>  | <p><b>Enjoy a complimentary lunch.</b></p> <p>Take advantage of personal interaction with undergraduate and graduate students, post-doctoral fellows, and workshop presenters. Get your questions answered!</p>   |   |
| <p><b>2:00-3:00 p.m.</b></p>   | <p><b>Display and Demonstration Round-about.</b></p> <p>Visit displays, demonstrations, exhibits and enjoy hands-on involvement with biology</p>  |   |



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|                       | tools, techniques, and career opportunities.  |   |
| <b>3:00-3:15 p.m.</b> | <b>Break.</b>   |   |
| <b>3:15-3:30 p.m.</b> | <b>Career Tracks in the Biological Sciences.</b>  | <b>Dr. Hank Bart, Jr.</b>   |
| <b>3:30-3:50 p.m.</b> | <b>On and Off Campus Research Experiences.</b><br>Learn about summer Internships, scholarships, financial support, and opportunities for undergraduate research in the biological sciences. | <b>Dr. Kimberly Schneider</b><br>Director, Office of Undergraduate Research<br>Research Assistant Professor, Biology Department<br>University of Central Florida  |
| <b>3:50-4:05 p.m.</b> | <b>Opportunities for International Travel.</b>  | <b>Dr. Charlotte Germain-Aubrey</b><br>Post-doctoral Associate<br>Botany<br>Florida Museum of Natural History   |
| <b>4:05-4:20 p.m.</b> | <b>How Many Species are There? The Continuing Challenges of Describing Biological Diversity.</b>  | <b>Dr. Roland Roberts</b><br>Associate Professor, Botany<br>Towson University<br>Program Officer, National Science Foundation   |
| <b>4:20-4:35 p.m.</b> | <b>Contemporary Methods in Assembling and Using the Tree of Life.</b>   | <b>Dr. Pam Soltis</b><br>Curator, Molecular Systematics & Evolutionary Genetics<br>Florida Museum of Natural History<br>Affiliate Professor, Department of Biology<br>Genetics Institute<br>University of Florida |
| <b>4:35-4:45 p.m.</b> | <b>Where do you go from here?</b>   | <b>Dr. Pam Soltis</b>   |
| <b>4:35-6:00 p.m.</b> | <b>Reception and mixer. Mingle with participants. Get your questions answered!</b><br><br><b>Win one of ten \$25 gift cards from Amazon!</b>  |   |



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