Sunday, July 10, 2011
5:00 – 9:00pm
Keys Residential Housing check-in 2-4pm
Evening 5pm-9pm
Location: McKnight Brain Institute, Room LG 110 A & B
*van shuttle departs at 4:45pm; parking also available at building*
- Welcome, introductions and dinner
- Presentation: Dr. Greg Schultz
- Program overview
- Visit HHMI Undergraduate Laboratory
(dinner provided)

Monday, July 11, 2011
8:30am – 5:00pm
All day 8:30am-5:00pm
*van shuttle departs at 8:15am*
Location: Biomedical Sciences Building Conference Room JG32 and HHMI Undergraduate Laboratory
- Campus computing orientation
- HIPPA training
- Lab Project Overview
- Presentation: Dr. Philip Laipis
- Presentation: Dr. Bryon Petersen
- Activity: What You Should Know About Diabetes
- Presentation: Current Topics in Stem Cell Research by Dr. Houda Darwiche
- Activity: Create a Stem Cell Line
- Presentation: Dr. Naohiro Terada
- Activity: Pipetting by Design
(dinner on own)

Tuesday, July 12, 2011
8:30am – 5:00pm
All day 8:30am-5:00pm
*van shuttle available at 8:15am*
Location: Biomedical Sciences Building Conference Room JG32 and HHMI Undergraduate Laboratory
- Drs. Marianne and Lehman Barnes: Introduction to Action Research; issues concerning the teaching of biotechnology to high school students; introduction to focus statements and literature reviews
- Presentation: Dr. Peggy Wallace
- Activity: Inheritance Bingo
- Lab Project Part 1: Detecting Modes of Inheritance/Mutations
- Presentation: NCBI Resources: Genome Browsers by Rolando Milian
- Activity: Tangle Toys and Virtual PCR
- Begin Lab Project Part 2: Therapeutic Cloning
(dinner on own)

Evening 7pm-9pm
**walking distance**
Location: Rhines Hall (Materials Science and Engineering)
- Share-A-Palooza – Best Practices

Wednesday, July 13, 2011
Please note earlier start!
8:00am – 9:00am
**van shuttle available at 7:45am**
Location: McKnight Brain Institute DeWeese Auditorium
- Presentation in conjunction w/ Student Science Training Program: Dr. Christiana Leonard
<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Activities</th>
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<tbody>
<tr>
<td>Thursday, July 14, 2011</td>
<td>8:30am-4:30pm</td>
<td>All day 8:30am-4:30pm</td>
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<td><strong>van shuttle available at 8:15am</strong></td>
<td>Location: Biomedical Sciences Building Conference Room JG32 and HHMI Undergraduate Laboratory</td>
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<td></td>
<td>8:00pm-9:00pm</td>
<td>Coffee available in Atrium</td>
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<td>(lunch on own)</td>
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<td>8:15-9am</td>
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<td></td>
<td></td>
<td>Drs. Barnes: Data collection in action research; introduction of Action Research Proposal Template</td>
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<td>Crystallization Lab with Dr. McKenna</td>
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<td>Finish Part 2 of Lab Project</td>
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<td>Presentation: FutureMed: Regenerative Medicine and Bioengineering as given by Dr. Anthony Atala</td>
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<td>7:00pm-9:00pm</td>
<td>Evening 7pm-9pm</td>
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<td><strong>walking distance</strong></td>
<td>Location: Rhines Hall</td>
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<td>Movie Night: Extraordinary Measures</td>
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<td>Friday, July 15, 2011</td>
<td>8:30am-3:30pm</td>
<td>All Day 8:30am-3:30pm</td>
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<td><strong>van shuttle available at 8:15am</strong></td>
<td>Location: Biomedical Sciences Building Conference Room JG32 and HHMI Undergraduate Laboratory</td>
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<td>8:00pm-9:00pm</td>
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<td>8:15-9am</td>
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<td>Presentation: Microarrays: From the basic sciences to clinical treatments and prognosis by Ms. Kassidy Chauncey</td>
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<td>Classroom Simulations: Microarrays by Dr. Charles Lawrence</td>
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<td>Activity: Microarray Virtual Lab</td>
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<td>Presentation: Dr. Henry Baker</td>
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<td>Bioethics Discussion: Dr. Ray Moseley</td>
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<td>Saturday, July 16, 2011</td>
<td>8:30am-5:00pm</td>
<td>No scheduled program activities. If in town, consider a visit to the UF Cultural Plaza (Florida Museum of Natural History and Harn Art Museum)</td>
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<tr>
<td>Sunday, July 17, 2011</td>
<td>8:30am-5:00pm</td>
<td>No scheduled program activities. If in town, consider a visit to the UF Cultural Plaza (Florida Museum of Natural History and Harn Art Museum)</td>
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<td>Monday, July 18, 2011</td>
<td>8:30am-5:30pm</td>
<td>All day: 8:30am-5:30pm</td>
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<td><strong>van shuttle available at 8:15am</strong></td>
<td>Location: Biomedical Sciences Building Conference Room JG32 and HHMI Undergraduate Laboratory</td>
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<td>8:00pm-9:00pm</td>
<td>Coffee available in Atrium</td>
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<td>8:15-9am</td>
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<td>Presentation: Dr. Marian Limacher</td>
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<td>Presentation: Dr. Peter Sayeski</td>
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<td>Lab Visits</td>
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<td>Simulations: STAN and HARVEY</td>
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| Date: Tuesday, July 19, 2011 | 9:00am-5:00pm  
**please drive self/carpool to Alachua**  
**Location: Center of Excellence in Regenerative Health Biotechnology, Alachua**  
- Drs. Barnes: Generation of specific research questions emanating from the action research focus statements; deciding on data collection strategies  
- Lab Project Part III: Manufacturing Aspects – Bringing a Product to Market: Ms. Tammy Mandel and Ms. Lori Wojciechowski  
Evening 7:00-9:00pm  
**Location: Norman Hall**  
- Presentation: Dr. Troy Sadler |
| Date: Wednesday, July 20, 2011 | 9:00am-5:00pm  
**please drive self/carpool to Alachua**  
**Location: Center of Excellence in Regenerative Health Biotechnology, Alachua**  
- Drs. Barnes: Data analysis and interpretation in action research; networking strategies  
- Lab Project Part III: Manufacturing Aspects – Bringing a Product to Market: Ms. Tammy Mandel and Ms. Lori Wojciechowski  
Evening 7:00-9:00pm (Optional)  
**Location: TBA**  
- Working on action proposals with instructor support (B2B staff, Drs. Barnes) |
| Date: Thursday, July 21, 2011 | Morning 8:30am-1pm  
**van shuttle available at 8:15am**  
**Location: Biomedical Sciences Building Conference Room JG32 and HHMI Undergraduate Laboratory**  
- Presentation: Dr. Troy Sadler  
- Classroom Extensions with Dr. Charles Lawrence: Simulations, CPET Teacher resources and online journaling  
- Working on action research proposals with peer and instructors’ support  
Afternoon 1pm-4pm (Optional)  
- Computers available for independent action proposal work and reflective journaling  
Evening 6:30-8:30pm  
**please drive self/carpool to BJ’s**  
**Location: BJ’s Restaurant**  
- Bench to Bedside celebratory dinner |
| Date: Friday, July 2, 2010 | All day 8:30am-4pm  
**van shuttle available at 8:15am**  
**Location: TBA**  
- Presentation of Action Proposals  
- Posttest assessments, evaluations  
- Program closing |