

## 2014 Southeastern Regional PULSE Institute Agenda

**Check-in Times:** We will staff a check-in desk at the **Gray Court Residence Hall (IN THE LOUNGE ON 2nd FLOOR)** on 6/17 from 2:00 pm - 5:00 pm and on 6/18 from 12:00 pm – 1:45 pm. **If you will be arriving outside those times**, please email [ahill2@richmond.edu](mailto:ahill2@richmond.edu) to make arrangements.

### Day 1, Wednesday, 6/18/2014

All sessions on 6/18 in Alice Haynes Room - Tyler Haynes Commons

- 2:00 - 2:30 Welcome - April Hill  
Institute Overview and Expectations, preview of Action Plan template, Introduction of Greg Gersch - Ellen Goldey
- 2:30 - 3:00 Icebreaker - Karen Aguirre
- 3:00 - 3:30 Introduction to Work Session: **STEM Department Change Strategies and a Systems Approach for Our Work** - Ellen Goldey
- 3:30 - 4:30 Work Session: **Developing a Shared Vision: The Purpose of the STEM Department Evaluation Rubric** - Team members share and discuss assessments and priorities for their department
- 4:30 - 5:00 Break to settle into room, take a short stroll, etc.
- 5:00 - 5:50 Reception -- Gottwald Atrium
- 6:00 - 8:30 Opening Banquet and Plenary Address: **Empowering Students to Become Partners in the Learning Process: Metacognition is the Key!** - Sandra McGuire, Introduced by April Hill

### Day 2, Thursday, 6/19/2014

- 7:30 - 8:30 Breakfast focus group discussions about challenges/obstacles to reform, SE Fellow taking notes on discussion, Alice Haynes Room - Tyler Haynes Commons
- 8:30 - 9:30 Morning Plenary: **To Scale-Up and Scaffold Undergraduate Research: Developing Pathways for Student, Faculty, and Institutional Change** - Beth Ambos (Alice Haynes Room - Tyler Haynes Commons)
- 9:45 - 11:15 **Concurrent Workshop Sessions I** (see room assignments)
- Workshop I-A: "**Motivating Students to Use Metacognitive Strategies: It Might Be Easier than You Think!**" - Sandra McGuire (Gottwald A201)
- Workshop I-B: **Using Vision and Change to Map and Plan Your Department's Curriculum** - Nitya Jacobs (Gottwald E303)

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Workshop I-C: **Matching Your Department's Goals with General Education Goals and Institutional Mission Makes for Good Science -- and is One Path to Departmental Transformation!** - Ellen Goldey and Karen Aguirre (Gottwald C114)

11:30 - 12:45 Lunch and Lunchtime Plenary: **Professional Identity as a Barrier to Faculty Pedagogical Change** - Sara Brownell (Alice Haynes Room - Tyler Haynes Commons)

1:00 - 2:30 **Concurrent Workshop Sessions II** (see room assignments)

Workshop II-D: **Recruitment and Retention of Future Health Professionals: How Life Sciences Departments can Work with Regional Agencies to Bridge a Gap in the Education Pipeline** - Angelica Christie and Karen Aguirre (Gottwald A201)

Workshop II-E: **Undergraduate Research as your next SACS QEP; Why Only Transform a Department When You Can Transform an Institution?** - Beth Ambos (Gottwald E303)

Workshop II-F: **Integrated and Interdisciplinary 1st year Course Models: Partnering with other STEM Disciplines to Transform your Life Science Department's Curriculum** - April Hill, Laura Runyen-Janecky, Will Case, Kathy Hoke, and Students (Gottwald C114)

2:30 - 3:00 **Team planning time** - a PULSE Fellow would be happy to meet with your team if invited (locations available in Gottwald, Tyler Haynes Commons, and outdoors)

3:15 - 4:45 **Concurrent Workshop Sessions III** (see room assignments)

Workshop III-G: **Course-based undergraduate research experiences (CUREs): Definition, Outcomes, and Assessment** - Sara Brownell and Erin Dolan (Gottwald A201)

Workshop III-H: **Implementing High-Impact Practices to Improve Minority Student Achievement in the Sciences** - Heather Belmont and Judy Awong-Taylor (Gottwald E303)

Workshop III-I: **Building Grassroots Leadership for Departmental Change** - Susan Musante, Ellen Goldey, April Hill, and Byron McCane (Gottwald C114)

4:45 - 5:05 Short Break (light refreshments in Gottwald Atrium) before heading to evening plenary, which we plan to start promptly at 5:15 to ensure time for those dining on campus to eat dinner!

5:15 - 6:15 Evening Plenary: **The 20,000-foot View of Undergraduate Science Education: What we know and what we can do about it** - Erin Dolan (Alice Haynes Room - Tyler Haynes Commons)

6:30 Dinner on own. Teams begin work on drafting Action Plan (see template)

## 2014 Southeastern Regional PULSE Institute Agenda

### Day 3, Friday, 6/20/2014

- 8:00 - 9:00 Breakfast focus group discussions: Challenges/obstacles to reform
- 9:00 - 10:00 Morning Plenary: **The Critical Role of Effective Administrative Leadership in Inspiring Each Department to Continuously Strive for Excellence: Lessons Learned on My Journey** - Daniel Wubah (Alice Haynes Room - Tyler Haynes Commons)
- 10:15 - 11:45 **Concurrent Workshop Sessions IV** (see room assignments)
- Workshop IV-J: **Embedding authentic research and discovery into all levels of the curriculum: Strategies, tools, and models for biology and beyond**, Nitya Jacobs, Judy Awong-Taylor, Alix Fink (Gottwald A201)
- Workshop IV-K: **Developing faculty expertise for improved STEM education** - Michelle Withers (Gottwald E303)
- Workshop IV-L: **Using Assessment Evidence to Inform, Transform, and Inspire Your Department (it's not just for SACS!)** - Ellen Goldey, (Gottwald C114)
- 12:00 - 1:30 Lunch and Lunch Panel Discussion: **It Doesn't Have to Be *The Dark Side*: Administrative Leadership, Inspiration and Support** - Panelists: Daniel Wubah, Malcolm Hill, Heather Belmont, Karen Aguirre, Moderator Alix Fink
- 1:30 - 1:45 Break
- 1:45 - 3:15 **Concurrent Workshop Sessions V** (see room assignments)
- Workshop V-M: Funding Opportunities at NSF to Transform Your Department - Chuck Sullivan (Gottwald A201)
- Workshop V-N: **Scientific Teaching and Engaging Pedagogies: "OK, We Know We Should, but How?"** - Ellen Goldey (Gottwald E303)
- Workshop V-O: **Defining and Assessing Interdisciplinary Knowledge Across Science and Mathematics** - Ellis Bell, Cheryl Sensibaugh, Suzanne Barbour (Gottwald C114)
- 3:15 - 3:30 Break
- 3:30 - 4:30 **An Overview of the PULSE Tools and Support Network to Help You Implement Your Team's Action Plan** - Sandra Romano and other SE PULSE Fellows (Alice Haynes Room - Tyler Haynes Commons)
- 4:30 - 4:45 Instructions for morning sessions and volunteers for Saturday's team leader panel discussion

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4:45 - 6:00 **Teams work on Action Plan and 5 minute report** - a PULSE Fellow would be happy to meet with your team if invited (Various locations in Gottwald, Tyler Haynes Commons, and outdoors will be available for your team to meet)

6:00 Dinner on own, Teams continue work on Action Plan as needed

### **Day 4, Saturday, 6/21/2014**

8:00 - 9:00 Breakfast: Teams Finalize Action Plan and 5 minute Report (Alice Haynes Room - Tyler Haynes Commons)

9:00 - 10:00 Teams Give 5 minute Report on Action Plan and Discuss Action Plans with other teams in Subgroup, upload Action Plan to Secure Website for Confidential Project Assessment.

Subgroup 1 (Gottwald A201) - Melanie Lee-Brown, moderator, Karen Aguirre notes  
Subgroup 2 (Gottwald E303) - Sandra Romano, moderator, Alix Fink notes  
Subgroup 3 (Gottwald C114) - Heather Belmont, moderator, Judy Awong-Taylor notes

10:00 - 11:00 **What are the Takeaways from the Institute?** Team Leader Panel Discussion - April Hill, moderator (Alice Haynes Room - Tyler Haynes Commons)

11:00 - 11:45 **Open Floor Discussion of Institute: Reflecting on Graphic Recordings** - Susan Musante, moderator

11:45 - 1:30 Box Lunch, completion of Post Institute Surveys, closing comments - SE PULSE Fellows

1:30 Depart from Institute

For more information about PULSE and to join the PULSE Community, please go to <http://www.pulsecommunity.org/>.

### **To contact the University of Richmond Police:**

For on-campus **Emergency**: (804) 289-8911

For **non-Emergency**: (804) 289-8715