CCT REU: Interdisciplinary Research Experience in Computational Science

LA-SIGMA REU/RET/REHSS:

Louisiana Alliance for Simulation-Guided Materials Applications

Jesse Allison, Mark Jarrell, Juana Moreno Staff: Danny Holmes, Staci Kramer, Bety Rodríguez-Milla, Kathy Traxler







REU/RET/REHSS

Welcome

Introductions



Meetings Room 435 Nicholson Hall

Tuesdays, 3 p.m.
 Mentor Presentations

June 2: Peter Diener & John DiTusa

(A101 Life Science Annex)

June 9: Jesse Allison & Chris Branton

June 16: Steve Beck, Steve Brandt,

Mayank Tyagi

June 23: Marc Aubanel, Francisco Hung,

Phil Sprunger

July 7: Les Butler, Joohyun Kim,

Derick Ostrenko

Fridays, 3 p.m.
 Student updates

Leads:

May 29: Peter Diener

June 5: Jesse Allison

June 12: Yorgos Veronis

June 19: Marc Aubanel

June 26: John DiTusa

July 3: Francisco Hung

July 10: Mayank Tyagi



Events and Meetings

- Mental Health Lecture by Drs. Tucker and Le, June 30, 3 p.m., 435 Nicholson Hall
- Physics & Astronomy Night July 23, 5 p.m. Nicholson Hall
- LIGO Visit June 20
- Graduate School, Industry Panels?
- Poster Review Sessions, Tuesday/Friday 3 p.m., 435 Nicholson
 - July 14, Leads: Les Butler, Derick Ostrenko
 - July 17, Leads: Chris Branton, Phil Sprunger
 - July 21, Leads: Rongying Jin, Mayank Tyagi
 - July 24, Leads: Jesse Allison, Peter Diener
 - July 28, Leads: Steve Beck, Steve Brandt



Optional Training

- 4th Annual LONI Parallel Programming Workshop, June 1-3
 @ BEC, room 1700 must have registered
- Python Programming by Dr. Jim Lupo and Kathy Traxler Thursdays, 1-3 p.m. May 28 – July 23, DMC room 1008B.
- HPC Programming by Le Yan, Wednesdays below,
 10 a.m. 12 p.m., Frey 307
 - 6/17: Intro to Linux
 - 6/24: HPC user environment 1
 - 7/1: HPC user environment 2
 - 7/8: Intro to LaTeX



Presentations

- Initial Presentations (Project Outline):
 - Wednesday June 10, 10 a.m. 3 p.m.,
 DMC Theater
 - Informal 5 min presentation + 2 min Q&A
- Formal Presentations:
 - Week of July 27, 9 a.m. 2 p.m.,DMC Theater
 - Formal ~7 min powerpoint presentation



Presentations

- LA-SiGMA Symposium (Poster Presentation):
 - July 20, 7:30 a.m. 5 p.m., Baton RougeMarriott
 - All LA-SiGMA will attend
 - Formal poster presentation by all REU/RET participants (statewide)



REU SURF

- Summer Undergraduate Research Forum, July 31, open to the public
- Poster presentation from all REU students at LSU
- Selected CCT REU posters will be awarded a travel grant for international and national conferences



Mentoring

Mentors should:

- Spend adequate time with their students
- Provide an office
- Be present at the two formal presentations and at the SURF
- Deliver a Tuesday seminar talk and lead a Friday Update.



Mentoring

- If the mentor travels during the program, he/she has
 to assign another mentor in his/her research group,
 who is familiar with the participant's project, such as
 a graduate student, postdoc, or other faculty
 member.
- Mentors are invited to all academic, cultural, and social activities in which the students participate.



Surveys

- CCT Students:
 - Start and end of program, a La Carte survey
 - From the NSF CISE, nationwide, based at UNC
- LA-SiGMA Students/Teachers:
 - Students, Pre: Preflection; Post: SURE III, based at Grinnell College; longitudinal: Kansas State U
 - Teachers: based at Kansas State University
- Longitudinal: keep in touch
- Mentors will fill surveys, too



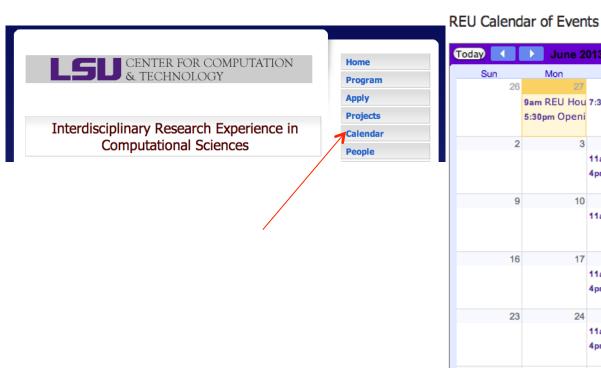
Other Activities

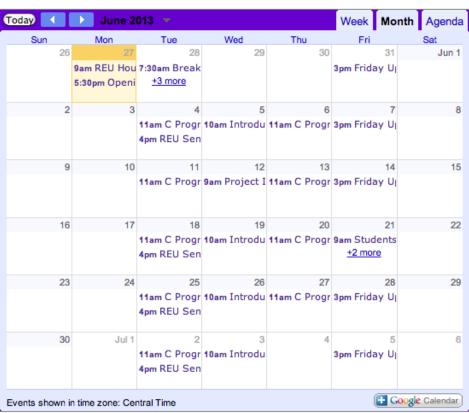
- NOLA walking tour May 30
- Swamp tour June 13
- Movie night @ DMC June 24
- Tiki tubing July 11
- Video game night between July 1 & 10
- Tulane Primate Center
- Softball game Students vs. Mentors
- Canoeing?
- Suggestions?



Calendar

Calendar of activities at http://reu.cct.lsu.edu







Mailing Address

- Mailing address:
 - Kathy Traxler
 Attention: Your Name
 340 E. Parker Blvd.
 Digital Media Center
 Louisiana State University
 Baton Rouge, LA 70803



Participants with Cars

- Anna Baglione
- Marika Buchholz
- Jasmine Chappell
- Rebecca DiTusa
- Summer Flowers
- Erik Jensen
- Thomas Lavastida
- Hardika Patel
- Khang Pham
- Margarite Picone

- Timothy Shertzer
- Tyler Spears



Bus Route

Tiger Trails, interactive map: http://lsu.transloc.com/

From WCA to the DMC - Purple Trail: https://sites01.lsu.edu/wp/tigertrails/purple-trail/

- 5 min walk (0.2 mi) from WCA to bus stop (corner of Field House Dr. and Dalrymple Dr.)
- 9 minute ride to DMC



Campus Transit

• This is a door-to-door shuttle service, free of charge, that runs nightly from 5:30 p.m. to 12:30 a.m. Students can access this service by calling (225) 578-5555.



Questions?