CCT REU: Interdisciplinary Research Experience in Computational Science

Juana Moreno
REU/REHSS

• Welcome

• Introductions:
  http://reu.cct.lsu.edu/people/index.php
Events and Meetings

- Mentor Presentations **EVERY Tuesday** 3PM DMC 1008B
- Student Updates **EVERY Friday** 3PM DMC 1008B
- 2nd LBRN-LONI Scientific Computing Bootcamp, 05/27-05/29
- Research & Ethics Training: 5/28, 9-11AM
- Managing Stress Lecture – 06/25
- LIGO Visit – Saturday 6/22
- Designing Research Posters – 6/25, 7/16
- Guest Speaker – TBA – Wed. July 24
- Poster Review Sessions, Tuesday/Friday 3 pm, 1008B DMC
  - July 19, Lead: Edgar Berdahl, Mayank Tyagi
  - July 23, Lead: Steve Beck, Juana Moreno
Required Meetings
Digital Media Center 1008B

Tuesdays, 3 p.m.
Mentor Presentations

June 4: Jay Park, Shawn Walker
June 11: Edgar Berdahl, Georgios Veronis
June 18: Steve Beck, Mayank Tyagi
June 25: Managing Stress Seminar
July 2: Jyotsna Sharma, Michal Brylinski
July 9: Astronomy Night
July 16: Theda Daniels-Race, Mark Wilde
July 23: Posters review: Steve Beck, Juana Moreno

Fridays, 3 p.m.
Student updates

May 24: Theda Daniels-Race
May 31: Edgar Berdahl
June 7: Georgios Veronis
June 14: Shawn Walker
June 21: Jyotsna Sharma
June 28: Steve Beck,
July 12: Mayank Tyagi
July 19: Posters review: Edgar Berdahl, Mayank Tyagi
Optional Training

• 2nd LBRN-LONI Scientific Computing Bootcamp
  May 27-29 @ Patrick Taylor 1236 – register at
  http://www.hpc.lsu.edu/training/workshop.php

• Weekly Training: http://www.hpc.lsu.edu/training/tutorials.php
  – Introduction to Linux
  – LaTeX
  – CVS
  – Subversion
  – MPI
  – OpenMP
  – HPC Environment.
Student Presentations

• Initial Presentations (Project Outline):
  – Wednesday June 5, 10AM – Noon
    DMC Theater
  – 7 min presentation + 3 min Q&A

• Final Presentations:
  – Wednesday July 24, 9AM – Noon,
    DMC Theater
  – Formal 7 min + 3 min Q&A Slideshow
    Presentation

• Special Guest!

CCT: Center for Computation & Technology
REU SURF

• Summer Undergraduate Research Forum
• July 26, open to the public
• Poster presentation from all 100+ REU students at LSU
• Highest Ranked CCT REU posters will be awarded a travel grant for international/national conferences
Mentoring

Mentors should:

• Spend adequate time with their students
• Provide a space to work
• 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

• Longitudinal: keep in touch

• Mentors will fill out surveys, too!
Other Activities

• NOLA Visit – May 25!
• LSU Science Cafe – last Tuesday every month
• LIGO Visit – June 22
• Game Night & International Potluck – June 21
• Softball game – Students vs. Mentors 6/14, 9-1 PM
• Physics & Astronomy Night – July 9, 5 pm Nicholson Hall
• Swamp tour? Tiki tubing? Movie Night? Hiking?
Calendar

- Calendar of activities at http://reu.cct.lsue.edu
Eating around

• Two dining halls on campus. Cost:
  Breakfast: $6.97 + tax
  Lunch: $10.42 + tax
  Dinner: $11.29 + tax

• 3 Supermarkets @ Lee with Highland and Burbank: Rouses Market, Winn-Dixie and Walmart Neighborhood Market
Mailing Address

• Mailing address:
  – Juana Moreno
    Attention: Your Name
    340 E. Parker Blvd.
    Digital Media Center
    Louisiana State University
    Baton Rouge, LA 70803
Participants with Cars

- Sylver Carter
- Libby Reiner
- Aliza Siddiqui
- Justin Walls
Bus Route

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

From WCA to the DMC – Purple Trail:
http://www.lsu.edu/parking/transportation/tigertrails.php
• 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.
Next Steps

- Meet with your Research Mentor
- Make a research plan for the summer leaving room for any writing, presentation and poster development that must occur.
- Identify and schedule any further training that you need to be involved in over the next few weeks – Make sure and register
- Settle in and get to know your fellow REU participants
- Familiarize yourself with LSU, Baton Rouge, the DMC and getting around.
- Research!
Questions?