CCT REU: Interdisciplinary Research Experience in Computational Science

LA-SiGMA REU/RET/REHSS: Louisiana Alliance for Simulation-Guided Materials Applications

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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

CCT: Center for Computation & Technology
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 Hall
  - 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 Rouge Marriott
  – 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 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


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