CCT REU: Interdisciplinary Research Experience in Computational Science

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

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CCT: Center for Computation & Technology
REU/RET/REHSS

• Welcome

• Introductions
Meetings
DMC 1008B

- Tuesdays, 3 p.m.
  Mentor Presentations

  June 3: Francisco Hung, Robert Kooima, Shawn Walker
  June 17: Krishnaswamy Nandakumar, Jayne Garno, Dorel Moldovan
  June 24: Frank Löffler, Ivan Agullo, Steve Brandt
  July 1: Ken Lopata, Marc Aubanel, Peter Diener
  July 8: David Koppelman, Chris Branton, Hartmut Kaiser

- Fridays, 3 p.m.
  Student updates

  Leads:
  May 30: Robert Kooima
  June 6: Shawn Walker
  June 13: Frank Löffler
  June 20: Ken Lopata
  June 27: Hartmut Kaiser
  July 11: Ivan Agullo

CCT: Center for Computation & Technology
Events and Meetings

- Mental Health Lecture by Dr. Garner, July 15
- Physics & Astronomy Night – July 8, 5 p.m.
- LIGO Visit – July 19
- Graduate School, Industry Panels?
- Poster Review Sessions, Tuesday/Friday 3 p.m., DMC 1008B
  - July 18, Leads: Peter Diener and Les Butler
  - July 22, Leads: Francisco Hung and Yorgos Veronis
  - July 25, Lead: Dorel Moldovan
  - July 29, Lead: Chris Branton
Training

• 3rd Annual LONI Parallel Programming Workshop, June 2-4 @ DMC
• C Programming – Dr. Jim Lupo
  – Tuesdays and Thursdays, June 12 - July 22
  10 a.m. - 12:00 p.m. @ 1008B DMC
Presentations

• Initial Presentations (Project Outline):
  – Wednesday June 10, 10 a.m. – 3 p.m., DMC Theatre
  – Informal ~10 min presentation

• Formal Presentations:
  – Week of July 28, 9 a.m. – 2 p.m., DMC Theatre
  – Formal ~10 min powerpoint presentation
Presentations

- LA-SiGMA Poster Presentation:
  - July 24, 9:30 a.m. – 3 p.m.,
  - Tulane University
  - All summer participants and mentors will attend
  - Formal poster presentation by all the REU/RET participants (statewide)
REU SURF

• Summer Undergraduate Research Forum, August 1, open to the public
• Poster presentation from all REU students in campus
• Selected 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 – June 7
- Tulane Primate Center, June 27
- Softball Game – Students vs. Mentors
- Tiki Tubing?
- Canoeing?
- Swamp Tour?
- 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

<table>
<thead>
<tr>
<th>Katie Gamble</th>
<th>Daniel Lauriola</th>
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<tbody>
<tr>
<td>Carsten Sprunger</td>
<td>Fortino Garcia</td>
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<tr>
<td>Michael Jackson</td>
<td>Lauren Lorio</td>
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<tr>
<td>Kristen Barrett</td>
<td>Brad Burkman</td>
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<td>Dale Henderson</td>
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<tr>
<td></td>
<td>(arriving next week)</td>
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<tr>
<td>Chris Hynes</td>
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<td>(arriving in July)</td>
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Bus Route


Purple Trail:
[https://sites01.lsu.edu/wp/tigertrails/purple-trail/](https://sites01.lsu.edu/wp/tigertrails/purple-trail/)

- Stops in front of the DMC, takes 9 minutes to the corner of Field House Dr. and Dalrymple Dr.
- Plus 5 min walk (0.2mi) to the WCA.
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?