CCT REU: Interdisciplinary Research Experience in Computational Science

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

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REU/RET

- Welcome
- Introductions
REU/RET Meetings
Frey 307

• Tuesdays, 4 p.m. Mentor Presentations
  June 14 (*Friday): Peter Diener & Jesse Allison
  June 18: Shawn Walker & Xin Li
  June 25: Dorel Moldovan & Phil Sprunger
  July 2: Francisco Hung & Yorgos Veronis
  July 9: John DiTusa & Mayank Tyagi

• Fridays, 3 p.m. Student updates
  May 31: John DiTusa
  June 7: Shawn Walker
  June 21: Xin Li
  June 28: Dorel Moldovan
  July 12: Yorgos Veronis
  July 19: Francisco Hung

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REU Events and Meetings

- Mental Health Lecture by Dr. Garner, June 4, 4 p.m.
- Physics & Astronomy Night – July 16
- LIGO Visit – July 20
- Graduate School Panel
- CAVE tour and lecture at Southern University
- Industry Panel
- Poster Review Sessions, Tuesdays 3 p.m.
  - July 23, Lead: Les Butler
  - July 30, Lead: Mayank Tyagi
REU/RET Training

- Introduction to HPC – HPC at LSU
  - Wednesdays, starting on June 5
    10:00 a.m. - 12:00 p.m. in 307 Frey

- C Programming – Jim Lupo
  - Tuesdays and Thursdays, starting on June 4
    11 a.m. - 12:00 p.m. in 307 Frey
REU/RET Presentations

• Initial Presentations (Project Outline):
  – Wednesday June 12, 9 a.m. – 2 p.m., 435 Nicholson Hall
  – Informal ~10 min presentation

• Formal Presentations:
  – Week of July 22, 9 a.m. – 2 p.m., 435 Nicholson Hall
  – Formal ~10 min powerpoint presentation
REU/RET Presentations

• LA-SiGMA Symposium:
  – July 29, 8:30 a.m. – 5 p.m., Marriott Hotel
  – All project participants will attend
  – Formal poster presentation by all the REU/RET participants (statewide)
REU SURF

- Summer Undergraduate Research Forum, August 2, 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
REU Mentoring

Mentors should:

• Spend adequate time with their REU 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.

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REU Mentoring

• If the mentor travels during the REU, he/she has to assign another mentor in his/her research group, who is familiar with the REU student'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.
REU Blog

http://reucct.blogspot.com/

• Short weekly blog entry about research
  – What you did
  – What you are planning to do
  – What worked and what did not work
  – Can also post questions or problems that mentors or other students might be able to help you solve
  – By invitation-only blog
REU/RET 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
  – Teachers: based at Kansas State University

• Longitudinal: keep in touch

• Mentors will fill surveys, too
REU/RET: other Activities

• NOLA walking tour – June 8
• Softball game and lunch – June 21
• Tiki Tubing?
• Canoeing?
• Suggestions?
REU/RET Calendar

- Calendar of activities at http://reu.cct.lsu.edu
REU/RET Mailing Address

• Mailing address:
  – Kathy Traxler/Leigh Townsend
    Attention: Your name
    216 Johnston Hall
    Louisiana State University
    Baton Rouge, LA, 70803
Inside CCT Publication

- Tatiana V. Johnson, CCT Communications Manager
- REU will be featured in the next Inside CCT issue
- Will interview mentors and students

Mentors:
1) Why do you participate in REU as a mentor?
2) Why is this program significant to you personally?
3) Why is this program significant to CCT and what can it offer?
3) Did you participate last year, and if so, describe your experience, please.
4) What are you hoping to achieve this year?
5) Any other comments about REU?
To students:

1) Why did you decide to participate in the REU program at CCT? (What made the difference in your choice?)
2) What do you hope to achieve?
3) How can CCT help you achieve your career/educational/research goals?
4) Any other comments?
Questions?