

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



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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



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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



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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)



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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



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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.



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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.



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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



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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?



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Calendar

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

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Interdisciplinary Research Experience in Computational Sciences

REU Calendar of Events

Today June 2013							Week	Month	Agenda
Sun	Mon	Tue	Wed	Thu	Fri	Sat			
26	27	28	29	30	31	Jun 1			
	9am REU Hou 5:30pm Openi	7:30am Break +3 more			3pm Friday U				
2	3	4	5	6	7	8			
		11am C Progr 4pm REU Sen	10am Introdu	11am C Progr	3pm Friday U				
9	10	11	12	13	14	15			
		11am C Progr	9am Project I	11am C Progr	3pm Friday U				
16	17	18	19	20	21	22			
		11am C Progr 4pm REU Sen	10am Introdu	11am C Progr	9am Students +2 more				
23	24	25	26	27	28	29			
		11am C Progr 4pm REU Sen	10am Introdu	11am C Progr	3pm Friday U				
30	Jul 1	2	3	4	5	6			
		11am C Progr 4pm REU Sen	10am Introdu		3pm Friday U				

Events shown in time zone: Central Time



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Mailing Address

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



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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



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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



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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.



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Questions?