## urca

undergraduate research in computational astrophysics



## WEEK1

	Tuesday, May 27, 2014	
9:00 a.m.	Orientation & Introductions	400P
10:00 a.m.	Intro to Linux & Astro computers (Don)	319A
11:00 a.m.	Research talk: John Blondin	400P
1:30 p.m.	Research talk: Steve Reynolds	400P
3:30 p.m.	Welcome Reception	Witherspoon 126
Wednesday, May 28, 2014		
9:00 a.m.	Computational Physics: Lesson 1	319A
10:30 a.m.	astrophysics literature (John)	319A
11:00 a.m.	Research Talk: Jim Kneller	400P
1:30 p.m.	Research Talk: Carla Fröhlich	400P
2:30 p.m.	Research Talk: Kazik Borkowski	400P
4:00 p.m.	Discuss potential research topics (John)	319A
Thursday, May 29, 2014		
9:00 a.m.	Computational Physics: Lesson 2	319A
10:00 a.m.	Writing a scientific abstract (Steve)	400P
10:30 a.m.	Identify topics/teams/mentors (John)	400P
1:30 p.m.	Astrophysics: Nuclear Structure (Jim)	400P
3:00 p.m.	Astrophysics Seminar – Don Warren	400P
	Homework: read research papers	
Friday, May 30, 2014		
9:00 a.m.	Computational Physics: Lesson 3	319A
	work with mentor to define project	
1:30 p.m.	Astrophysics: Nuclear Reactions (Jim)	400P
	submit first draft of research abstract	
3:00 p.m.	Create your URCA website (John)	319A
7:30 p.m.	WSF: Ripples from the Big Bang	325