

UO Physics & Human Physiology SAIL Camp

August 1-5, 2011. 10AM - 3PM Mo-Th; 10AM – 3:00PM Fr

Room 240 Willamette Hall and other locations

Physics Department office phone: (541) 346-4751

SCHEDULE

MONDAY August 1:

10:00 – 10:20 am	Introduction, welcome (both Physics and Human Physiology). <i>Prof. Raghu Parthasarathy and Andy Karduna. 240 Willamette Hall.</i>
10:20 – 11:45 am	Self-assembly: Oil drops, soap bubbles, and cells – what do they have in common? <i>Raghu Parthasarathy w/ lab.</i>
11:50 – 12:50 pm	Lunch (provided).
1:00 – 3:00 pm	Rope Course activity. <i>Between the Knight library and the music building</i>

TUESDAY August 2:

10:00 – 10:50 am	Physics and Falling. <i>Prof. Eric Corwin.</i>
11:00 – 12:00 pm	Human Phys: Gait analysis. <i>Prof. Li-Shan Chou. In B-52 Gerlinger Annex</i>
12:00 – 1:00 pm	Lunch (provided).
1:00 – 2:15 pm	Student research at UO. In which SAIL students explore research going on at UO with undergraduates and graduate students, and deliver short presentations. <i>In Willamette 240</i>
2:15 – 3:00 pm	Demo show: Energy and waves. Some dramatic demonstrations, especially related to waves and sound. <i>Ben Wright.</i> (Plus a short talk by Raghu Parthasarathy.) <i>In Willamette 112</i>

WEDNESDAY August 3:

10:00 – 10:50 am	Campus tour. <i>Lara Fernandez.</i>
11:00 – 12:00 pm	Physics and Climbing: Pulleys – GTFs <i>Mick Davis, Mike Taormina</i>
12:00 – 1:00 pm	Lunch (provided).
1:00 – 2:30 pm	Physics and Climbing: Climbing the Rock Wall at the UO Gym The Physics of Rock Climbing, plus a climbing activity. – GTFs <i>Mick Davis, Matt Jemielita, Mike Taormina</i>

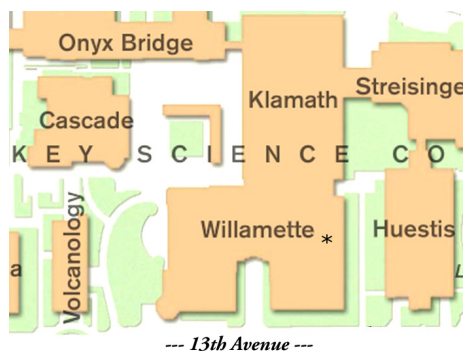
	<i>We'll go from lunch directly to the rec. center.</i>
2:30 – 3:00 pm	Physiology and Climbing: Muscle Activity – Prof. Andy Karduna, UO Rec Center

THURSDAY AUGUST 4:

10:00 – 11:00 am	Anatomy Labs / Cadavers <i>In 75-B Klamath, near the Science Library; meet in Willamette 240 first</i>
11:00 – 12:00 pm	Human Phys.: Respiratory Lab Prof. Andy Lovering. <i>Rm 200, Center for Medical Education and Research</i>
12:00 – 1:00 pm	Lunch (provided) – box lunches outside; meet at Willamette 240 first.
1:00 – 1:50 pm	Microscopic materials (Hands-on activities exploring materials with microscopy – seeing and manipulating small things) <i>People: RP , w/ lab (Evan, Morgan, Maunta, Andrew). In Willamette 240 and 171</i>
2:00 – 3:00pm	Human Phys.: Shoulder Biomechanics (Gerlinger 304) Prof. Andy Karduna.

FRIDAY AUGUST 5:

10:00 – 12:00 pm	Undergraduate Physiology Lab. Hands-on experiments at the Human Physiology teaching labs. <i>In Student Rec Center 4 – Meet at Willamette 240.</i>
12:00 – 1:00 pm	Lunch (provided). Pegasus Pizza. Also: Evaluations, T-shirts
1:00 – 2:00 pm	TBA
2:00 – 3:00 pm	Admissions and Financial Aid for College – UO Office of Student Financial Aid & Scholarships.



* Willamette 240 (2nd floor)

