

UO Physics & Human Physiology SAIL Camp

July 21 – July 25, 2014. 10AM - 3PM Mon.-Fri.

Room 240 Willamette Hall and other locations

Profs. **Raghu Parthasarathy** (*cell: 510 364 6843*) and **Andy Karduna** (*cell: 541 510 8498*)

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SCHEDULE

MONDAY July 21:

10:00 – 10:20 am	Introduction, welcome (both Physics and Human Physiology). <i>Profs. Raghu Parthasarathy and Andy Karduna. 240 Willamette Hall.</i>
10:20 – 12:00 pm	Student research at UO. In which SAIL students explore research going on at UO with various students, and deliver short presentations. <i>Willamette 240. Raghu Parthasarathy</i>
12:00 – 1:00 pm	Lunch (outside, between Lillis and McKenzie Halls) [<i>Andy Karduna at Lunch</i>]
1:10 – 2:00 pm	Human Phys: Gait analysis. <i>Prof. Li-Shan Chou. In B-52 Gerlinger Annex</i>
2:10 – 3:00pm	Human Sensorimotor Physiology Laboratory, Gerlinger (Brian Dalton).

TUESDAY July 22:

10:00 – 10:15 am	<i>[Meet at Willamette 240, before going to Pacific Hall]</i>
10:15 – 10:50 am	Admissions and Financial Aid for College – UO Office of Student Financial Aid & Scholarships. <i>123 Pacific Hall</i>
11:00 – 11:50 pm	Demo show / activities. Some dramatic physics demonstrations and hands-on activities, especially related to electromagnetism. <i>Stan Micklavzina, Ben Wright. Willamette 110 and 240.</i>
12:00 – 12:50 pm	Lunch (outside, between Lillis and McKenzie Halls) [<i>Raghu Parthasarathy at Lunch</i>]
1:00 – 1:50 pm	Electron microscopy. <i>Prof. Ben McMorran. Wil. 171.</i>
2:00 – 3:00 pm	Athletic Training. <i>Prof. Sierra Dawson. 240 Willamette Hall</i>

WEDNESDAY July 23:

10:00 – 10:50 am	TODAY ONLY: <u>Don't</u> come to Willamette 240! Meet at the Rec Center! Human Physiology undergrad lab. <i>Meet at the UO Rec Center Lobby.</i>
11:00 – 11:50 am	Math diagnostic placement test. <i>240A McKenzie Hall</i>
12:00 – 1:10 pm	Lunch (outside, between Lillis and McKenzie Halls) [<i>Raghu Parthasarathy at Lunch</i>]
1:00 – 3:00 pm	Fluids! In which we explore the strange world of fluids, touching on biology, physics, and food. <i>Prof. Eric Corwin, Prof. Raghu Parthasarathy, and their research groups. Willamette 240.</i>

THURSDAY JULY 24:

10:00-10:30 am	IAAF World Junior Championships , Hayward Field. <i>Meet at 240 Willamette first.</i>
10:30-11:50 am	Running analysis , <i>Prof. Mike Hahn.</i> Practice track, south of the intramural fields.
12:00 – 1:00 pm	Lunch (outside, between Knight Library and Bealle Hall) [<i>Andy Karduna at Lunch</i>]
1:00 – 1:50 pm	Astronomy! <i>Dr. Scott Fisher. (Willamette 350)</i>
1:00 – 1:50 pm	Human Phys: Lung function. <i>Prof. Andy Lovering. CMER (off campus)</i>
2:00 – 3:00 pm	Science Walk. <i>Prof. Raghu Parthasarathy; at various locations</i>

FRIDAY JULY 25:

10:00 – 11:00 am	Anatomy Labs / Cadavers. <i>In 63-B Klamath; meet in Willamette 240 first</i>
11:00 – 12:00 pm	Fractals, physics, art, and physiology. <i>Prof. Richard Taylor's group. Brief introduction by Prof. Parthasarathy (Willamette 240), then moving outside.</i>
12:00 – 1:00 pm	Lunch (at 240 Willamette Hall) [<i>Andy Karduna and Raghu Parthasarathy at Lunch</i>] <i>Also: Evaluations, T-shirts (12:30-12:50)</i>
1:00 – 2:00 pm	MRI. <i>Levis Center, Prof. Anita Christie</i>
2:00 – 3:00 pm	SAIL performing arts. Performance from the Performing Arts Camp. Bealle 163