

UO Physics & Human Physiology SAIL Camp

July 25 – July 29, 2016 10AM - 3PM

Room 240 Willamette Hall and other locations

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

Physics Department office phone: (541) 346-4751

Staff: Christine Pons: 541-505-4499 and Lindsey Forde: 925-817-7174

MONDAY July 25:

10:00 – 10:20 am	Introduction and welcome (Physics and Human Physiology). <i>Profs. Raghu Parthasarathy and Andy Karduna - 240 Willamette.</i>
10:20 – 11:50 pm	Fluids – soap films, ice cream, and more (<i>Raghu Parthasarathy and Eric Corwin</i>) <i>240 Willamette</i>
12:00 – 12:50 pm	Lunch – Carson (<i>Parthasarathy</i>)
1:00 – 2:00 pm	Athletic Training – <i>6 Student Rec Center</i>
2:00 – 3:00pm	Undergraduate Physiology Lab (<i>Kimber Mattox</i>) – <i>4 Student Rec Center</i>

TUESDAY July 26:

10:00 am	Meet in 240 Willamette.
10:15 – 11:15 am	Respiratory Neurophysiology (<i>Adrianne Huxtable</i>) - <i>CMER</i>
11:15 – 12:15 pm	Muscle Physiology (<i>Hans Dreyer</i>) - <i>CMER</i>
12:30 – 1:20 pm	Lunch – Carson (<i>Karduna</i>)
1:30 – 3:00 pm	Neurophysiology (<i>Anita Christie</i>) - <i>075B Klamath</i>

WEDNESDAY July 27:

10:00 – 10:50 am	Physics and Bacteria (<i>Tristan Ursell</i>) – <i>Meet at 240 Willamette</i>
11:00 – 11:50 am	Fractals, Physics, Art, and Physiology (<i>Richard Taylor</i>) – <i>240 Willamette</i>
12:00 – 12:50 pm	Lunch – Carson (<i>Parthasarathy</i>)
1:00 – 3:00 pm	Rock Climbing: Physiology and Physics (<i>Graham Kribs, Andy Karduna, and others</i>) – <i>Student Rec Center</i>

THURSDAY JULY 28:

10:00 - 11:50 am	Nanostructures and electron microscopy (<i>Ben McMorran and Benjamín Alemán</i>) - <i>meet in Wil. 240; go to Lokey Labs and other locations</i>
12:00 – 12:50 pm	Lunch – Carson (<i>Karduna</i>)
1:00 – 3:00 pm	Anatomy Lab: Clinical problem solving (<i>Jon Runyeon</i>) – <i>63B Kalamath</i>

FRIDAY JULY 29:

10:00 – 11:30am	Student research at UO. (<i>Physics</i>) In which SAIL students explore research going on at UO with various students. <i>240 Willamette</i>
11:30 – 12:00 pm	Science Walk. (<i>Raghu Parthasarathy -- 240 Willamette, then various locations</i>)
12:00 – 1:00 pm	PIZZA party at Carson volleyball court
1:00 – 2:30 pm	SAIL SPIRIT CHALLENGE
2:30 – 3:00 pm	Camp wrap up