

Last Edited on July 14, 2015

UO Physics & Human Physiology SAIL Camp

July 20 – July 24, 2015. 10AM - 3PM

Room 240 Willamette Hall and other locations

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

Physics Department office phone: (541) 346-4751

MONDAY July 20:

10:00 – 10:20 am	Introduction, welcome (both Physics and Human Physiology). <i>Prof. Raghu Parthasarathy and Andy Karduna - 240 Willamette.</i>
10:20 – 11:50 pm	Fluids (<i>Raghu Parthasarathy and Eric Corwin</i>) 240 Willamette.
12:00 – 12:50 pm	Lunch at Carson (<i>Karduna</i>)
1:00 – 1:50 pm	Muscle Physiology (<i>Hans Dreyer</i>) - CMER
2:00 – 3:00pm	Cardiopulmonary Physiology (<i>Andy Lovering</i>) - CMER

TUESDAY July 21:

10:00 – 10:50 am	Undergraduate Physiology Lab (<i>Kimber Mattox</i>) – 4 Student Rec Center
11:00 – 11:50 pm	Fractals, Physics, Art, and Physiology (<i>Richard Taylor</i>) – 240 Willamette
12:00 – 12:50 pm	Lunch at Carson (<i>Parthasarathy</i>)
1:00 – 3:00 pm	Anatomy Lab (<i>Jon Runyeon and Robin Hopkins</i>) – 63B Kalamath

WEDNESDAY July 22:

10:00 – 11:50 am	Physics and Bacteria (<i>Tristan Ursell</i>) – meet in Wil. 240
12:00 – 12:50 pm	Lunch at HEDCO 220 (<i>Karduna</i>)
1:00 – 3:00 pm	Rock Climbing: Physiology and Physics (<i>Andy Karduna</i>) – Student Rec Center

THURSDAY JULY 23:

10:00 - 11:00 am	Neurophysiology (<i>Brian Dalton</i>) – 344 Gerlinger
11:00 - 12:00 am	Biomechanics (<i>Li-Shan Chou</i>) – Basement of Gerlinger Annex
12:00 – 12:50 pm	Lunch at Carson (<i>Parthasarathy</i>)
1:00 – 2:00 pm	Student research at UO. (<i>Physics</i>) In which SAIL students explore research going on at UO with various students. 240 Willamette
2:00 – 3:00 pm	Athletic Training (<i>Sierra Dawson</i>) - 240 Willamette Hall

FRIDAY JULY 24:

10:00 – 10:30am	Electromagnetism (<i>Parthasarathy & Physics demo room staff</i>) – Wil. 240
10:30 – 12:00 pm	Nanostructures and electron microscopy (<i>McMorran and Alemán</i>) - meet in Wil. 240; go to Lokey Labs and other locations
12:00 – 12:50 pm	Lunch at Carson Volleyball Court (<i>Karduna and Parthasarathy</i>)
1:00 – 2:00 pm	Camp wrap up – Wil. 240
2:00 – 3:00 pm	SAIL performing arts. (<i>Performing Arts Camp Performance</i>) - 173 Bealle