

# UO Physics & Human Physiology SAIL Camp

July 24 – July 28, 2017 10AM - 3PM  
Room 240 Willamette Hall and other locations  
Prof. Raghu Parthasarathy and Hans Dreyer  
Physics Department office phone: (541) 346-4751

## MONDAY July 24:

10:00 – 11:30 am	<b>SAIL intro</b>
11:30 – 12:00 pm	<b>Another intro</b> ( <i>Parthasarathy and Dreyer; outside Carson Dining Hall</i> )
12:00 – 12:50 pm	<b>Lunch – Carson</b>
1:00 – 2:00 pm	<b>Athletic Training</b> ( <i>Mike Hahn's lab</i> ) – <i>Bowerman Sports Science Clinic</i>
2:00 – 3:00pm	<b>Undergraduate Physiology Lab</b> ( <i>Michael Francisco</i> ) – <i>4 Student Rec Center</i>

## TUESDAY July 25:

10:00 – 11:20 am	<b>Science Library Maker Space</b> ( <i>Dean Walton</i> ) – <i>Meet at 240 Willamette</i>
11:30 - 12:20 pm	<b>Fractals, Physics, Art, and Physiology</b> ( <i>Richard Taylor's group</i> ) – <i>240 Willamette</i>
12:30 – 1:20 pm	<b>Lunch – Pioneer Lawn, Picnic</b> ( <i>Parthasarathy</i> )
1:30 – 3:00 pm	<b>Nanostructures and electron microscopy</b> ( <i>Ben McMorran and Benjamin Alemán</i> ) - <i>meet in Wil. 240; go to Lokey Labs and other locations</i>

## WEDNESDAY July 26:

10:00-11:20 am	<b>Fluids – soap films, ice cream, and more</b> ( <i>Raghu Parthasarathy and Eric Corwin</i> ) <i>240 Willamette</i>
11:30 – 11:50 am	<b>Classroom visit</b> ( <i>Parthasarathy</i> )
12:00 – 12:50 pm	<b>Lunch – Pioneer Lawn, Picnic</b>
1:00 – 3:00 pm	<b>Rock Climbing: Physiology and Physics</b> ( <i>Graham Kribs, Andy Karduna, and others</i> ) – <i>Student Rec Center</i>

## THURSDAY JULY 27:

10:00 – 10:50 am	<b>Muscle Physiology</b> ( <i>Hans Dreyer</i> ) – <i>CMER; Meet at 240 Willamette!</i>
11:00 – 11:50 am	<b>Lung Physiology</b> ( <i>Andy Lovering</i> ) - <i>CMER</i>
12:00 – 12:50 pm	<b>Lunch – Pioneer Lawn, Picnic</b> ( <i>Dreyer</i> )
1:00 – 3:00 pm	<b>Anatomy Lab: Clinical problem solving</b> ( <i>Jon Runyeon</i> ) – <i>63B Klamath</i>

## FRIDAY JULY 28:

10:00 – 11:30am	<b>Student research at UO.</b> ( <i>Physics; Parthasarathy and others</i> ) In which SAIL students explore research going on at UO with various students. <i>240 Willamette</i>
11:30 – 12:00 pm	<b>Science Walk.</b> ( <i>Raghu Parthasarathy -- 240 Willamette, then various locations</i> )
12:00 – 1:00 pm	<b>Lunch – Pioneer Lawn, Picnic</b>
1:00 – 2:45 pm	<b>SAIL SPIRIT CHALLENGE</b>
2:45 – 3:00 pm	<b>Camp wrap up</b> ( <i>Parthasarathy and Dreyer</i> )