## UO Physics & Human Physiology SAIL Camp

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

### MONDAY July 24:

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>10:00 – 11:30 am</td>
<td>SAIL intro (Parthasarathy and Dreyer; outside Carson Dining Hall)</td>
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<tr>
<td>11:30 – 12:00 pm</td>
<td>Another intro (Parthasarathy and Dreyer; outside Carson Dining Hall)</td>
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<tr>
<td>12:00 – 12:50 pm</td>
<td>Lunch – Carson</td>
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<tr>
<td>1:00 – 2:00 pm</td>
<td>Athletic Training (Mike Hahn’s lab) – Bowerman Sports Science Clinic</td>
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<tr>
<td>2:00 – 3:00 pm</td>
<td>Undergraduate Physiology Lab (Michael Francisco) – 4 Student Rec Center</td>
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### TUESDAY July 25:

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>10:00 – 11:20 am</td>
<td>Science Library Maker Space (Dean Walton) – Meet at 240 Willamette</td>
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<tr>
<td>11:30 - 12:20 pm</td>
<td>Fractals, Physics, Art, and Physiology (Richard Taylor’s group) – 240 Willamette</td>
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<tr>
<td>12:30 – 1:20 pm</td>
<td>Lunch – Pioneer Lawn, Picnic (Parthasarathy)</td>
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<tr>
<td>1:30 – 3:00 pm</td>
<td>Nanostructures and electron microscopy (Ben McMorran and Benjamin Alemán) - meet in Wil. 240; go to Lokey Labs and other locations</td>
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### WEDNESDAY July 26:

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>10:00-11:20 am</td>
<td>Fluids – soap films, ice cream, and more (Raghu Parthasarathy and Eric Corwin) – 240 Willamette</td>
</tr>
<tr>
<td>11:30 – 11:50 am</td>
<td>Classroom visit (Parthasarathy)</td>
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<tr>
<td>12:00 – 12:50 pm</td>
<td>Lunch – Pioneer Lawn, Picnic (Parthasarathy)</td>
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<tr>
<td>1:00 – 3:00 pm</td>
<td>Rock Climbing: Physiology and Physics (Graham Kribs, Andy Karduna, and others) – Student Rec Center</td>
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### THURSDAY July 27:

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>10:00 – 10:50 am</td>
<td>Muscle Physiology (Hans Dreyer) – CMER; Meet at 240 Willamette!</td>
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<tr>
<td>11:00 – 11:50 am</td>
<td>Lung Physiology (Andy Lovering) - CMER</td>
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<tr>
<td>12:00 – 12:50 pm</td>
<td>Lunch – Pioneer Lawn, Picnic (Dreyer)</td>
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<tr>
<td>1:00 – 3:00 pm</td>
<td>Anatomy Lab: Clinical problem solving (Jon Runyeon) – 63B Klamath</td>
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### FRIDAY July 28:

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