

UO Physics & Human Physiology SAIL Camp

July 22 – July 26, 2019 10:00 AM – 3:00PM

Room 240 Willamette Hall and other locations

Prof. Raghuparthy, Hans Dreyer, and Andy Karduna

Physics Department office phone: (541) 346-4751

MONDAY July 22:

10:00 – 10:30 am	SAIL intro
10:30 – 10:45 am	Another intro (Parthasarathy, Karduna, and Dreyer) – 240 Willamette
10:45 – 12:00 pm	Fluids – soap films, ice cream, and more (Raghu Parthasarathy and Eric Corwin) 240 Willamette
12:00 – 12:50 pm	Lunch – Carson Dining Hall (Karduna)
1:00 – 3:00 pm	Biomechanics Activities (Karduna and others) – Basement Gerlinger Hall

TUESDAY July 23:

10:00 – 11:15 am	Protein Structure, and Visualization Lab (Raghu Parthasarathy and Dean Walton) – Meet at 240 Willamette; go to Science Library
11:15 – 12:15 pm	Fractals, Physics, Art, and Physiology (Richard Taylor's group) – 240 Willamette
12:15 – 1:15 pm	Lunch – Carson Dining Hall (Parthasarathy)
1:15 – 1:30 pm	Misc. (Parthasarathy) – 240 Willamette
1:30 – 3:00 pm	Nanostructures and electron microscopy (Ben McMorran and Benjamín Alemán) - meet in Wil. 240; go to Lokey Labs and other locations

WEDNESDAY July 24:

10:00 – 10:25 am	Science Library Maker Space (Dean Walton) – Meet at 240 Willamette
10:30 – 10:50 am	Misc / finish proteins (Parthasarathy)
11:00 – 11:50 am	Astronomy! (Physics, Prof. Scott Fisher) 240 Willamette
12:00 – 12:50 pm	Lunch – Carson Dining Hall (Parthasarathy)
1:00 – 3:00 pm	Rock Climbing: Physiology and Physics (Graham Kribs, HPHY student, and others) – Student Rec Center

THURSDAY JULY 25:

10:00 – 10:30 am	Muscle Physiology (Hans Dreyer) – 107 Pacific; Meet at 240 Willamette
10:30 – 11:00 am	Muscle Biology (Damien Callahan) – 105 Pacific
11:00 – 11:30 am	Ageing & Vascular Physiology (Ashley Walker) – 110 Pacific
11:30 – 12:00 am	Developmental Behavioral Neuroscience Lab (Elinor Sullivan) 113 Pacific
12:00 – 12:50 pm	Lunch – Carson Dining Hall (Dreyer)
1:00 – 3:00 pm	Anatomy Lab (Nina Morrison) – 053 Klamath

FRIDAY JULY 26:

10:00 – 11:00 am	Bone bioengineering / Knight Campus (Kelly Hyland and Sudhanshu Shekhar – Robert Guldberg's lab) 211 Pacific; Meet at 240 Willamette!
11:00 – 11:30 am	Recap (Hans Dreyer)
11:30 – 1:00 pm	Lunch – Carson volleyball court, Picnic
1:00 – 1:50 pm	Classroom visit; science walk (Parthasarathy; will go to Columbia 150)
2:00 – 3:00 pm	SAIL final activity (Global scholars hall- Great Room)