



Undergraduate Research Opportunity

Title of Project/Opportunity: Packing and Porous media experiments

Type of Project: Experimental Theoretical Computational

Field of Physics: Soft condensed matter physics

Term of Research Opportunity: Fall Semester Spring Semester
Summer Academic Year Project

Type of Research Opportunity:

Fixed Term Ongoing REU 1V95 4195/4196

Compensation for Research Opportunity: Summer Support Hourly
(Rate:) Academic Credit Experience Negotiable

Minimum Physics Background:

None General Physics Sophomore Physics Jr./Sr. Physics

Preferred Mathematical Background:

None Calculus sequence Diff. Eq. Courses Jr./Sr. Math

Preferred Computer Background:

None Familiarity with Computers Prior language programming

Other Preferred/Required Skills: some prior mechanical, electronic, and/or computer skills are beneficial but are not necessary.

Brief Description of Research Opportunity: Experimental investigations of hard sphere and soap film/foam packings in 3D using Magnetic Resonance imaging. Numerous opportunities exist for the development of mechanical, electronic, and computational skills in physics research.

For more information contact: Name: Jeffrey Olafsen
Office: E.315 BSB Phone: x2280_
Email: Jeffrey_Olafsen@baylor.edu