Changing light, objects and surfaces cast ephemeral shadows in our environments, creating multiple appearances. As we move through the environments, we piece together multiple images into a coherent spatial understanding. Our perception of what constitutes the space depends on glimpses over time.

This workshop will explore the power of light and shadow to reveal form. By careful searching and observation, we will identify ways that light interacts with materials to shape our visual perception. We will create lighting models to study visual effects, then capture and manipulate the images to dramatize a story of how light reveals form.

Participants should bring
- 2 kinds of modeling materials: i.e. translucent/opaque, flexible/stiff, shiny/fluffy
- modeling & drawing tools: i.e. cutters, glue, needle + thread, ruler, triangle, cutting board, markers, pencils
- a light source (can be shared)
- digital camera (can be shared)
- optional laptop computer (i.e. modeling, rendering, imaging, animation)

Prof. Nancy Yen-wen Cheng (B.A. Yale, M.Arch. Harvard) teaches architectural design and media at the University of Oregon. She researches how media can enrich design process and education, focusing on digital methods and collaboration. She has been a leader in the AIA Technology in Architectural Practice group, the International Journal of Architectural Computing and the Association for Computer Aided Design in Architecture.

We find beauty not in the thing itself but in the patterns of shadows, the light and the darkness that one thing against another creates.

—Junichiro Tanizaki, In Praise of Shadows