Dr. Degen’s Research Interests

**Design, fabrication and analysis of multifunctional structures and materials**

Manufacturing of structures with multifunctional potential
- inspired by 3D panels made at PNNL
- incorporation of polymers could enhance functionality

**Coupling mechanical stimuli with varied automatic responses**
- transfer of mechanochemistry knowledge
- elicit responses such as optical, chemical, magnetic, energetic, etc.

Pacific Northwest National Laboratory

University of Illinois at Urbana-Champaign

Mechanical Engineering