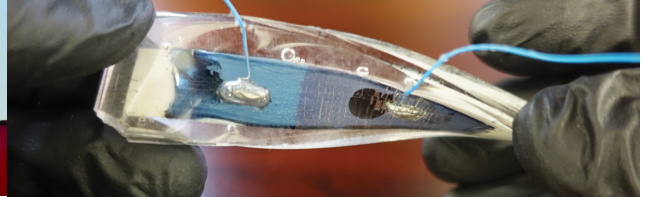
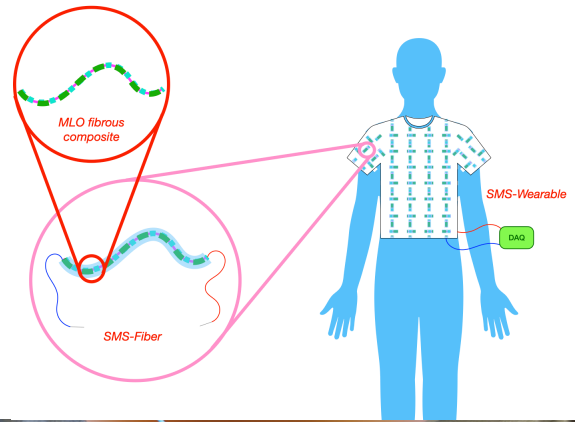




Full Time Research Assistant

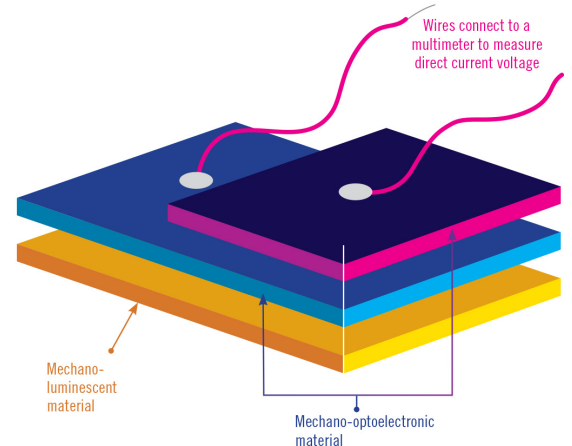


Lab for Smart Materials
and Structures (LaSMaS)



The layers of a strain-sensing material

A mechano-luminescent-optoelectronic, MLO, composite combines a mechano-luminescent material, which glows under strain, with a mechano-optoelectronic material, which generates current when exposed to light.



Graduate Research Assistant positions are available in LaSMaS in the Department of Mechanical Engineering (<https://www.nmt.edu/academics/mecheng/>) at New Mexico Tech

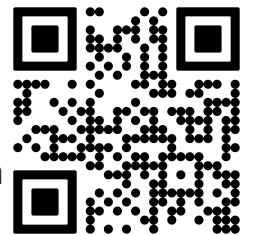
Donghyeon Ryu, Ph.D., P.E., is looking for several PhD and/or MS students who can begin as early as in 2023 Fall semester in the Department of Mechanical Engineering at New Mexico Tech in Socorro, NM. The students will conduct research projects sponsored by NASA, NIH, Sandia National Labs, Los Alamos National Lab, and Socorro Ventures. If you are interested, please send your CV/resume to Dr. Ryu (donghyeon.ryu@nmt.edu).

Research Topics

- Design multifunctional mechano-luminescence-optoelectronic composites (<https://aerospaceamerica.aiaa.org/departments/glowing-under-strain/>) for health monitoring of human body and structural systems
- Health monitoring wearables for NASA astronauts
- Advanced manufacturing
- Mechanical metamaterials
- Technology commercialization

Things to Note

- No GRE required
- Full consideration is given to ones who contacted Dr. Ryu by May-26.



Apply Here!