Professor Tae-Youl Choi
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Graduate Program Coordinator
Micro/Nanoscale Manufacturing and Thermal Science: carbon-based 1D and 2D materials, cellular thermal properties
Research Group: 6 Ph.D. Students, 2 M. S.
Funding: Federal and International research funding

Manufacturing
- Microfab & Nanofab
- Photolithography
- FIB milling

Characterization
- 3 Omega Method for thermal conductivity
- Thermal Interface Resistance
- Cell Thermal conductivity
- Disease Model
- Cancer Diagnosis

Sensor Fabrication
- 3D Printing
- FDM based PEEK Printing
- Biomedical

Micro & Nano Manufacturing
- Small Scale Instrumentation
- Micro sensing
- Lock-in amplifier (Frequency tripler, Waveform generator)
- Differential amplifier
- Chips
- Package substrate