# Leary Lab Team and Collaborators

## Combinatorial chemistry/Drug Discovery
- David Gorenstein (UTMB)
- Xianbin Yang (UTMB)
- Andy Ellington (UT-Austin)

## Nanoparticle technology
- Kinam Park (Purdue)
- Alex Wei (Purdue)

## Nanotoxicity studies
- Debbie Knapp (Purdue)

## MRI Imaging
- Tom Talavage (Purdue)
- Charles Bouman (Purdue)

## Mol. Imaging/Theranostics
- Kuiwon Choi (KIST)
- Ich Chan Kwon (KIST)
- Kwangmeyung Kim (KIST)

## Organ-on-a-chip
- Sophie Lelievre (Purdue-SVM)
- Jean-Paul Allain (Univ. Illinois)

## Director: James Leary
- Lisa Reece (SVM) – nanomedicine repair of traumatic brain injury
- Christy Cooper (SVM) - bioanalytical chemistry, nanochemistry, XPS, AFM
- Meggie Grafton* (BME) - BioMEMS
- Emily Haglund * (BME) – multilayered Qdots for ex-vivo nanomedicine
- Mary-Margaret Seale-Goldsmith* (BME) – multi-layered magnetic nanomedical systems
- Michael Zordan* (BME) – prostate cancer, rare cell flow/image cytometry
- Trisha Eustaquio* (BME) – gene silencing/therapy; interactive imaging
- Jaehong Key* (BME)-MRI imaging
- Teimour Maleki** PhD – micro- and nanofabrication; BioMEMS
- Desiree White (BSDT): nanomedical systems for treating spinal cord injury
- Michael Walls (BMS): nanomedical systems for treating spinal cord injury

## Nanomedicine studies
- Debbie Knapp (Purdue-SVM)
- Deepika Dhawan (Purdue-SVM)

## X-ray Photon Spectroscopy
- Dmitry Zemlyanov (Purdue)

## High-Energy TEM
- Eric Stach (Purdue)
- Dmitri Zakharov (Purdue)

## Atomic Force Microscopy
- Helen McNally (Purdue)

## Magnetic Cell Sorting
- Paul Todd (Techshot, Inc.)

## LEAP Interactive Imaging
- Fred Koller (Cyntellect, Inc.)

## BioMEMS/Microfluidics
- Kinam Park (Purdue)
- Pedro Irazoqui (Purdue)
- Steve Wereley (Purdue)
- Huw Summers (Swansea Univ, UK)

## Nano-Ophthalmology
- Robert Ritch (Glaucoma Found.)
- Marco Zarbin (NJ Med. School)
- Carlo Montemagno (U. Cincinnati)

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Collaborators in Bionanotechnology

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