Lab Hopping 3/1/22, 4-6pm - Map of Open Labs

Dedman Life Sciences Building:
Dr. Wu (Biology) - #217
Dr. Jones (Biology) - #321

Fondren Science Building:
Dr. Bennett & Dr. Matthews (Chemistry) - #127
Dr. Runcesvski (Chemistry) - #208
Dr. Das (Chemistry) - #226-230
Dr. Buynak (Chemistry) #249-251
Dr. Son (Chemistry) - #317

Heroy Hall:
Dr. Tao (Chemistry) - #127
Dr. Richards: Stable Isotope lab (until 5:30) - 2nd floor

Hyer Hall
Dr. Keller (Sociology) – #310C

Caruth Hall
The DIG – lower level

Fincher
Behavioral Research Lab (5-6pm) - #100

See Page 2 for brief description of each professor's research
Lab Hopping 3/1/22: Who does what?

**Heroy Hall**
Dr. Tao (Chemistry) – #127
- Computational chemistry, Protein Dynamics, Machine Learning
Dr. Richards (Earth Sciences)
- Stable Isotope lab (until 5:30) – 2nd floor
  - analyzes waters, minerals and rocks for their oxygen, hydrogen and carbon isotopic compositions.

**Fondren Science Building**
Dr. Bennett (Chemistry) – #127
- develops mechanistic descriptions of complex, condensed phase processes, from light harvesting to cellular metabolism
Dr. Matthews (Chemistry) – #127
- using and developing accurate theoretical methods to study molecules, reactions, clusters, and extended systems
Dr. Runcevski (Chemistry) – #208
- physical chemistry of mechanically active crystals, materials for gas and energy storage, pharmaceuticals, minerals, construction materials and art degradation products.
Dr. Das (Chemistry) – #226–230
- Materials and Nanoscience, Energy and Environment, Drug Delivery
Dr. Son (Chemistry) – #317
- polymer research for high temperature applications and drug delivery applications.
Dr. Buynak (Chemistry) #249–251
- design, synthesis, and development of new antibiotic agents

**Hyer Hall**
Dr. Keller (Sociology) – #310C
- innovation, institutional change and the role of government

**Dedman Life Sciences Building**
Dr. Wu (Biology) – #217
- investigate the role of cellular quality control systems in the pathogenesis of age-related neurological diseases
Dr. Jones (Biology) – #321
- studies the mechanisms by which a group of evolutionarily conserved epigenetic regulators, called the Polycomb-group (PcG), maintain the transcriptional silence of genes

**Caruth Hall**
The DIG – lower level
- student-centered makerspace filled with both high tech and common tools and materials

**Fincher Hall**
Prof. Mucci-Ferris (Management) – #100
Cox Behavioral Research Lab (open 5–6pm)
- ethics, negotiations, decision-making, work-life balance, favors, employee turnover, bias, leadership, trust...

**Harold Simmons Hall**
Dr. Pierce #301E and Dr. Wieselmann #301G
- STEM Education in K-12, West Dallas STEM School
Dr. Sedlacek #314A
- Teaching about African American Language in Higher Education Settings (TALES)