



2025 – 2026 STARS TOUR TOPICS

Please select 5-6 topics listed below. Use numbers 1-6 to show your preference (1 most preferred). Please note that some labs have a maximum capacity less than 30 and that we cannot split your group. Thank you.

- Anesthesiology**
 - Anesthesiology and Pain Management – Lec
 - Anesthesiology as a Career - Lec
- Animal Resources**
 - Use of Animals in Research – Lec/Lab (25-30 students max)
- Biochemistry**
 - Crystallography - Lab (25 students max)
 - Chemistry – Lec/Lab (20 students max)
- Health Professions**
 - Nursing Careers - Lec
 - Physical Therapy - Lab/Lec
 - Physician Assistant - Lec
 - Prosthetics/Orthotics - Lec/Lab (25/30 students max)
 - Genetic Counseling – Lec
 - Pharmacy – Lec/Lab (if available – 20 students max)
 - Medical Careers – Lec
 - Global Health Opportunities – Lec
 - Other _____
- Biomedical Technology & Research**
 - Graduate Research & Education - Lec
 - DNA Sequencing - Lec
 - Biomedical Inventions - Lec/Lab
- Cardiovascular System**
 - Cardiac Rehabilitation - Lec
 - Muscle Regeneration & Repair - Lec
 - Cardiac Failure – Lec/Lab (15 students max)
- Cancer/Oncology**
 - Early Diagnosis of Cancer - Lec
 - Leukemia – Lec
 - Skin Cancer – Lec
 - Childhood Cancers - Lec
 - Cancer Genetics - Lec
 - Cancer and Chromosomes – Lec
 - Radiation Therapy – Lec
- Cell Biology**
 - Cytokine Production in Burn - Lec
 - Cells (HELA Cells) – Lab (25 students max)
- Environmental Health & Safety**
 - Lab Safety, Chemical Waste - Lec
 - Fire and Life Safety - Lec
- Genetics**
 - Gene Regulation – Lab
 - Stem Cell Research - Lec
 - Fruit Flies - Lec
 - Genetics & Obesity - Lec/Lab
 - Genetically Related Diseases - Lec
- Health**
 - Alcohol in Adolescence - Lec
 - Teens Common Drug of Choice – Lec
 - Drugs of Abuse - Lec
 - Effects of Illicit Drug Use - Lec
 - Nutrition & Exercise - Lec
 - Steroids - Lec
 - Sexually Transmitted Diseases – Lec
 - Clinical Nutrition – Lec
- Hospital Tours (Unavailable at this time)**
 - Parkland Memorial Hospital (limited areas)
 - Children’s Medical Center ER (15/20 students max)
- Internal Medicine**
 - Hypertension/Diabetes - Lec
- Immunology**
 - Immunology in Ophthalmology - Lec
 - Infection Control - Lec
- Medicine**
 - Medical Students - Lec
 - Pulmonary Diseases - Lec
 - Organ Transplants - Lec
- Microbiology**
 - Hepatitis A,B,C - Lec
 - Hamburger E. Coli - Lec
- Microscopy**
 - Electron Microscope - Lab (25 students max)
 - Cell Imaging – Lab
- Molecular Biology**
 - Transgenic Animals – Lab (15 students max)
- Neurology**
 - General Neurology - Lec
 - Brain Research (Stroke) – Lab (25 students max)
 - Neuro Disease eg. Alzheimers - Lec
 - Epilepsy – Lec
 - Autism – Lec

Lab Visit – Allow only 15 – 20 students per lab visit (with the exception of the Anatomy Lab – 30 students max)
Lec - Lecture



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Obstetrics & Gynecology

___ Labor & Delivery - Lec

If there is something that is *not* on the list but *might* be made possible, please list it in the provided space below.

Orthopedics

___ Sports related Knee Injuries - Lec

Otolaryngology

___ Head and Neck Surgery - Lec

Pathology

___ Anatomy Lab/Willed Body-Lab (30 students max)

**** (unavailable until further notice) ****

___ Histology/Pathology – Lec (15 students max)

___ Molecular Pathology – Lab (15-20 students max)

___ Forensic Pathology and Forensics – Lec

___ Neuro Anatomy and Pathology – Lec/Lab (unavailable until

further notice)

Pediatrics

___ General Pediatrics - Lec

___ Pediatric Cancers - Lec

___ Pediatric NICU - Lec

___ Pediatrics as a Career - Lec

Psychiatry

___ Adolescent Depression and/or Addictive Disorders - Lec

___ Psychology/Psychiatry - Lec

___ Antidepressant Drug Action - Lec

___ Psychiatry & Medicine - Lec

___ Schizophrenia – Lec

___ Clinical Rehabilitation Counseling – Lec

Radiology

___ Cyberknife/Gammaknife – Lab (afternoons only, 25 students max)

___ MRI Center – Lab/Lec (25 students max)

Surgery

___ Orthopedic Surgery - Lec

___ Trauma Surgery - Lec

___ Suture - Lab (20/25 students max)

___ Surgical Simulation – Lab **unavailable until further notice**

(30 students max; 2 months notification in advance)

Trauma

___ Traumatic Brain Injury - Lec

___ Trauma Burns – Lec

Virology – Lec

University Police Dept.

___ Campus Policing

___ Active Shooter

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Lec - Lecture