



2023 – 2024 STARS TOUR TOPICS: Virtual and In-person

- ___ **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/Lab (25 students max)
 - ___ Fruit Flies - Lec
 - ___ Genetics & Obesity - Lec/Lab
 - ___ Genetically Related Diseases - Lec
- ___ **Health**
 - ___ Alcohol in Adolescence - Lec
 - ___ Teens Common Drug of Choice – Lec (not available)
 - ___ Drugs of Abuse - Lec
 - ___ Effects of Illicit Drug Use - Lec
 - ___ Nutrition & Exercise - Lec
 - ___ Steroids - Lec
 - ___ Sexually Transmitted Diseases – Lec
 - ___ Clinical Nutrition – Lec
- ___ **Hospital Tours**
 - ___ 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**
 - ___ Lasers in Medicine - Lec
 - ___ 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
- ___ **Obstetrics & Gynecology**
 - ___ Labor & Delivery - 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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___ Orthopedics

- ___ Sports related Knee Injuries - Lec

___ Otolaryngology

- ___ Head and Neck Surgery- Lec

___ Pathology

- ___ Anatomy Lab/Willed Body-Lab (30 students max) **** (not available on Monday, Tuesday, and Friday)****
- ___ Histology/Pathology – Lec (15 students max)
- ___ Molecular Pathology – Lab (15-20 students max)
- ___ Forensic Pathology and Forensics – Lec
- ___ Neuro Anatomy and Pathology – Lec/Lab

___ 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/Lab (if available 15-20 students max)
- ___ 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 (15-20 students max)
- ___ Surgical Robotics Simulation – Lab (30 students max)

___ Trauma

- ___ Traumatic Brain Injury - Lec
- ___ Trauma Burns – Lec

___ Virology – Lec

___ University Police Dept.

- ___ Campus Policing
- ___ Active Shooter

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

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