2016 – 2017 STARS TOUR TOPICS

___ 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

___ Hospital Tours
  ____ Parkland Memorial Hospital (unavailable right now)
  ____ Children’s Medical Center (15/20 students max)

___ Internal Medicine
  ____ Hypertension/Diabetes - Lab/Lec

___ Immunology
  ____ Immunology in Ophthalmology - Lec
  ____ Infection Control/STD - Lec

___ Medicine
  ____ Lasers in Medicine - Lec
  ____ Medical Students - Lec
  ____ Pulmonary Diseases - Lec
  ____ Digestive & Liver Transplants/Disease - Lec

___ Microbiology
  ____ Hepatitis A,B,C - Lec
  ____ Micro-Organisms As Biological Weapons - Lec
  ____ Hamburger E. Coli - Lec

___ Microscopy
  ____ Electron Microscope - Lab (25 students max)
  ____ Cell Imaging – Lab

___ Molecular Biology
  ____ Transgenic Animals – Lab (15 students max)
  ____ Using FISH to Diagnose Genetic Diseases – Lec

___ Neurology
  ____ General Neurology - Lec
  ____ Brain Research (Stroke) - Lab
  ____ Neuro Disease eg. Alzheimers - Lec
  ____ Epilepsy – Lec
  ____ Autism - Lec

___ Obstetrics & Gynecology (unavailable right now)
  ____ Labor & Delivery - Lab/Lec - (10 students max)
  ____ Newborn Nursery - Lab (15 students max)

___ Orthopedics
  ____ Sports related Knee Injuries - Lec

___ Otolaryngology
  ____ Head and Neck Surgery- Lab/Lec

---

___ Anesthesiology
  ____ Anesthesiology and Pain Management – Lec
  ____ Anesthesiology as a Career - Lec

___ Animal Resources
  ____ Use of Animals in Research - Lec
  ____ Study on Transgenic Animals - Lab (15 students max)

___ Biochemistry
  ____ Crystallography - Lab (25 students max)
  ____ Chemistry - Lab (20 students max)

___ Health Professions
  ____ Nursing Careers - Lec
  ____ Physical Therapy - Lab/Lec
  ____ Physician Assistant - Lec
  ____ Prosthetics/Orthotics - Lab/Lec (25/30 students max)
  ____ Genetic Counseling - Lec
  ____ Paramedic - Lec
  ____ Medical Careers - Lec

___ Biomedical Technology & Research
  ____ Graduate Research & Education - Lec
  ____ DNA Sequencing - Lab (20 students max)
  ____ Biomedical Inventions - Lec/Lab

___ Cardiovascular System
  ____ Cardiology Lab/Cardiac Rehabilitation - Lab
  ____ Muscle Regeneration & Repair - Lab
  ____ Nuclear Cardiology – Lab/Lec (15 Max)

___ Cancer/Oncology
  ____ Early Diagnosis of Cancer - Lec
  ____ Leukemia – Lec
  ____ Skin Cancer – Lec
  ____ Childhood Cancers - Lec
  ____ Cancer Genetics - Lec
  ____ Cancer and Chromosomes - Lec

___ Cell Biology
  ____ Cytokine Production in Burn & Trauma - Lab
  ____ Telomeres and Telomerase - Lec
  ____ Cells (HELA Cells) - Lab

___ Environmental Health & Safety
  ____ Lab Safety, Chemical Waste - Lec
  ____ Fire and Life Safety - Lec

___ Genetics
  ____ Gene Regulation – Lab
  ____ Stem Cell Research - Lab/Lec
  ____ Fruit Flies - Lec
  ____ Fish as a Genetic Model System – Lab (15 students)
  ____ Genetics & Obesity - Lec/Lab
  ____ Genetically Related Diseases - Lec
  ____ Genetics and Evolution - Lec

---

Lab Visit – Allow only 15 – 20 students per lab visit (with the exception of the Anatomy Lab – 30 students max)
Lec - Lecture
2016 - 2017 STARS TOUR TOPICS

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

___ Pediatrics
   __ General Pediatrics - Lec
   __ Pediatric Cancers - Lec
   __ Pediatric NICU - Lec
   __ Pediatric Neurology - 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 - Lab/Lec

___ Radiology
   __ Cyberknife/Gammaknife – Lab (afternoons only)
   __ MRI Center - Lab

___ Surgery
   __ Orthopedic surgery - Lec
   __ Trauma Surgery - Lec
   __ Suture - Lab (20/25 students max)
   __ Surgical Simulation – Lab

___ Trauma
   __ Traumatic Brain Injury - Lec
   __ Trauma Burns – Lab - (20 students max)

___ Virology – Lec

If there is something that you would like to see or hear about that is not on the list but might be made possible, please list it in the provided space below.

________________________________________________________________________
________________________________________________________________________
________________________________________________________________________

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