

The Health Museum

JOHN P. MCGOVERN MUSEUM OF HEALTH & MEDICAL SCIENCE

A real body of knowledge

5-7 Years-Old

MINI VET

Little Vet is a fun educational camp that will introduce your young doctor to medical tools and terms as well as the wonderful world of science. Little Vets will dissect owl pellets, learn how to use a microscope, count and compare animal bones with those in their body. Little Vets will learn a plethora of age-appropriate medical information that focuses on Science, Technology, Engineering, Art, and Math (STEAM) education. You will be amazed at how much your little vet will do!

MINI CHEMIST

Little Chemists will be fully engaged in this hands-on chemistry lab camp. Create fizzy cloud dough, exploding rainbows, and glowing mud. Little Chemists will explore the basics of chemical reactions and viscosity. Little Chemists will learn a plethora of age-appropriate scientific information that focuses on Science, Technology, Engineering, and Math (STEM) education.

MINI CHEF'S ACADEMY

Go ahead and play with your food, it will be a ton of fun! Try your hand at edible, kid-friendly creations including healthy smoothies and assorted pizzas! Enjoy learning about the basics of good nutrition. Create food-related crafts, learn about food science and more!

THE CLINIC

Bring your favorite stuffed or mechanical friend to camp and find out what happens when you visit the doctor! In The Clinic, campers and their pals will take a 'medical history' journey and perform simulated tests just like a doctor! Campers will have a blast as they test their skills as M.D.'s - Mini Doctors! Campers will be engaged during a project-packed week full of activities that include constructing casts, skeleton models, learning about their body systems and much more!

DNA DISCOVERIES

Did you know that DNA stores every single detail about you like your eye color? Learn more about DNA through this exciting hands on camp. Campers will be engaged through different hands on activities such as designing 3D DNA models and performing DNA extraction on fruit!

NO BONES ABOUT IT

Campers will create and personalize a skeleton, learn basic anatomy terminology and participate in bone discovery examination! You will be amazed at what your camper learns in this fun, hands-on camp

8-10 Years-Old

JUNIOR VET

Junior Vet is a fun and educational hands on veterinary camp that will teach the scientific process. Junior Vets will be fully engaged in this week-long introduction to veterinary medicine. They'll compare the frog muscles with those of human muscles, they'll use rulers to measure and classify bones, use dissection tools for precise investigations of organs and operate microscopes to learn about major body systems. Daily dissections will assist in teaching your future doctor similarities and differences between humans and other species.

BRAIN POP!

What weighs three pounds, feels like oatmeal, and needs about 8 hours of sleep a night? Your brain, that's what! Want to know more about the outrageous organ inside of your head? You'll view a real human brain, dissect a sheep brain, learn about your senses, and even an edible neutron and lots more in this incredible camp for the aspiring brain surgeons out there!

GROSSOLOGY

Did you know that the record for projectile vomit is 27 feet? Or that the acid in your stomach is strong enough to dissolve metal? Learn about these gross facts, make your own snot and more! This camp is great for kids who display a keen interest in their own body functions!

JUNIOR CHEMIST

Junior Chemists is the most fun young experimenters will have in a chemistry lab. Chemists will learn about chemical reactions in fun hands-on experiments. Make mountain dew glow, turn a lemon into a battery, create a rain cloud demonstration in a jar, and more!

MIND STORM ROBOTICS

Do you enjoy building, creating, and programming? Then, this camp is for you! Come and explore how to design different robots, and discover how robotics are used for different medical purposes.

PI SCRATCH PROGRAMMING & DESIGN

Do you enjoy playing video games? Do you want to learn what it takes to develop video games? If so, then this is the class for you! Learn the basics of programming and game design and discover benefits for the health and medical fields.

SAVORY SCIENCE

Ever wondered what makes up your favorite entrées and desserts? Experience the kitchen chemistry behind some of your favorite foods. You will also gain the knowledge of how to distinguish between healthy and unhealthy ingredients in foods. It's cooking and science all rolled into one great camp that is sure to transform any kitchen into a sophisticated laboratory.

GAME ON!

Game On is a fun and engaging camp for your young gamer. Learning to program stretches your mind and helps create a way of thinking about things that is helpful in multiple domains. Discover important mathematical and computational ideas, while also learning to think creatively, reason systematically, and work collaboratively. Discover important mathematical and computational ideas, while also learning to think creatively, reason systematically, and work collaboratively. Game On allows gamers to learn basics of coding and creating their own game. Computer characters are at their command!

11-13 Years-Old

SENIOR VET

Large dissection specimens, animal comparisons, exotic animal presentations, and interactions; Senior Vet is the fun, educational, hands-on experience that will keep your future medical student fully engaged while preparing a foundation for a career in medicine. Working with animals first hand will spark your Senior Vet's interest in science as well as a respect for animal and human life. Senior Vet is your one stop shop for fun, education, and an unforgettable experience.

EV3 ROBOTICS

Utilizing the LEGO® MINDSTORMS® Education EV3 Base Set and Software, your child will overcome robotic engineering challenges throughout the week! Campers will design, build and program awe-inspiring robots using LEGO's® most advanced and newest robotics technology – the powerful MINDSTORMS® EV3 system. This camp will lay a foundation for future biomedical engineers who want to lead in medical revolutions.

FORENSICS SCIENCE

Start your journey to become a forensic scientist! Tap into your investigative strengths. Investigate mysteries that depend on forensic science to solve. Work on

team to create a scene for others to solve. You will enjoy securing, gathering, processing, interpreting and solving throughout this camp.

DEBAKEY CELL LAB

Isolate DNA, work with various microbial agents, extract and view chromosomes, and more! This camp is designed for you, the budding scientist.

EDIBLE EXPLORATIONS

Ever wonder why slushies don't freeze? Experience the kitchen chemistry behind your favorite foods and candies in this camp. Investigate the physics of baking. Learn how to prepare tasty snacks and develop healthy eating habits. Even more, you will explore how real chefs serve up healthy science!

3D DESIGN & PRINTING

Campers will explore the world of 3D Printing and will learn the process by designing their own 3D prints. This camp will connect the usage for advanced printing in the medical trainings and promotions of ideas in the health-related fields.

SENIOR CHEMIST

Senior Chemists is the chemistry camp for curious minds. Chemists will learn about chemical reactions in the best way, hands-on lab experiments, make dipping dots from liquid nitrogen; turn a penny to gold and much more!

VEX IQ ROBOTS

Discover the world of Robotics in this fun, engaging camp. Explore the basics of learning to build and design robots that can be used for special activities. The camp will lay the foundation for future biomedical engineers. Explore new frontiers in medicine! Learn about cutting edge medical

MINI MEDICAL SCHOOL I

Do you enjoy science? Have you ever considered a career in health or medicine? This introductory Mini Medical School I session gives campers the opportunity to learn lifesaving techniques including first aid and CPR. They will also learn about the anatomy & physiology of the amazing human body, use medical instruments, view real human organs, and experience the hands-on dissections of small animal

organs. Mini Med I explores the respiratory system, urinary system and much more. This is your opportunity to determine if a career in medicine is right for you! **Mini Med I is not a pre-requisite for Mini Med II.**

MINI MEDICAL SCHOOL II

Do you have what it takes to be a doctor? As you explore the many career options and opportunities available in the medical field, campers will learn basic surgical skills including suturing and stitching. Practice starting an IV and taking blood. Learn anatomy to properly read and analyze x-rays. Perform surgical dissections including triage and diagnosis. All instruction is geared to give a real-life, hands-on glimpse into the field of medicine. Mini Med II explores the nervous system, musculoskeletal system, the digestive system, and much more. Sign up "stat" to see if the vital signs" point to this being the right career for you! **Mini Med I is not a pre-requisite for Mini Med II.**