

2010 KC 4-H Global Conference Workshop & Tour Descriptions

Please rank **5** choices for each half day; include workshops **AND** tours. (Only one tour per day is possible)

Thursday Morning Workshops

W10 Ag Journalism & Public Relations (2hours)

Explore a career in agricultural journalism & event planning with a public relations professional & 4-H alumnus, from American Angus Association

W11 Computer Mapping with GIS

Director of GIS and Asset Management for Shafer Kline & Warren Engineering will discuss the use of computer mapping technology in civil engineer projects.
www.shafer,kline & warren.inc

W12 International Careers

International and multi-lingual consultant and interpreter prepare you for international careers as you rethink other cultures and traditions. A perennial favorite presenter!

W13 Nuclear Pharmacy

Join the nuclear pharmacist from KU Med Center for some "hot" talk about radioactivity, its use in nuclear medicine & this specialty in the pharmacy profession.

W14 U.S. Customs and Border Protection

Border Security, Airline Passenger Operations, Shipping Container Inspections, Pilots, Analysts, Chemists, Veterinarians and Accountants are integral parts of the Anti-Terrorism mission of U.S. Customs and Border Protection Team. In addition to Anti-Terrorism Border Security includes Anti-Narcotics Operations as well as Operations which protect the Agricultural Industries of America and the Apprehension of Illegal Immigrants.

W15 Vet Medicine Career Options

I.V.X. veterinarian will discuss vet medicine trends and the corporate, public & industrial options for DVM graduates. Discuss the research & marketing of new products in the growing animal health industry.

W16 Zoological Careers

Gain insight in to the global and environmental aspects of zoos; learn about the many related careers needed in a large urban zoo from animal care, to habitat design, landscaping, and promotions.

W17 Wildlife Care & Conservation - Lakeside Nature Center

Meet native wildlife brought from Lakeside Nature Center, a KCMO hospital where wildlife injuries are treated to be returned to the wild. Discuss how development impacts wildlife.

Thursday Morning Tours

T10 AMC Theatre & Aviation Weather Forecasting

AMC Barrywoods 24 is Missouri's busiest mega-plex theatre. See the sound and projection technology & what it takes to serve almost 1 million guests a year. Learn how National Oceanic & Atmospheric Administration's (NOAA) provides global forecasts for aviation.

Thursday Morning Tours Continued

T11 Commodity Trading & Animal Nutrition Plant

Kansas City's Board of Trade: Commodity market trading action; see trading action at opening bell; learn about global connections of grain, economics, and politics. Cargill Animal Feed Plant does it all from formulations to manufacturing and packaging.

T12 Hospital & Medical

Inside look at Cushing Memorial Hospital; "traditional" nursing duties, support staff careers such as radiology, social work, pharmacy, respiratory therapy, nutrition, and mental health worker. Subject to patient care restrictions, "hands on" activities in surgical suit with surgical laparoscopes & a mock "Code Blue"

T13 Hydraulics Lab & Distribution and Printing Plant

Shinn Fu, American affiliate distribution facility and hydraulics testing lab; www.shinnfu.com
Henry Wurst, Inc prints for inserts for Sprint, Readers' Digest, etc. Jobs include mechanics, design, computers, marketing, and others

T14 Medical Systems Technology at Cerner

(Offered also Friday morning)

Leading medical systems technology center, you will hear about Cerner, recruitment expectations, the high tech vision center, the smart room, and purchase lunch in the associate cafeteria.

T15 Publishing

Tour new downtown offices of Andrews McMeel Publishing; editors will illustrate and discuss global marketing techniques for their books, specialty and comic strip clients. Learn how books are selected and designed for shelf appeal. www.amuniversal.com

T16 Thornton Tomasetti Structural Engineers

Learn from 4-H alum about the basics of how a building stands up to the demands of thousands of fans on game day, an earthquake, or a hurricane Interact with engineers about projects and careers in the engineering, construction and architecture fields, i.e.: Yankees and Kauffman Stadiums

T17 Scientific & Medical Research

Midwest Research Institute, a not for profit scientific research organization performs research & laboratory consulting for government, industry and academia. MRI independent research is in national security, energy, environment, life sciences, food and agriculture and transportation safety. www.mriresearch.org.

The Stowers Institute for Medical Research conducts basic research on genes and proteins that control fundamental processes in living cells to unlock the mysteries of disease and find the keys to their causes, treatment, and prevention. Discuss research career preparation and opportunities with a Stowers Institute Staffing Specialist. www.stowers.org.

Thursday Afternoon Workshops

W20 Archeology

Archaeology: a scientific study of the human past through the systemic recovery and analysis of material remains. This involves 'field' research, including survey and excavation, as well as laboratory work and historical research. Interact with research/teaching professionals about the career's challenges, requirements, & value.

W21 Chemistry for Clean Water

Dr. H2O from Kansas City Water Department will share the role of science and chemistry in converting river water into drinking water for an urban area. Enjoy 'helping' with experiments from his cable TV show.

W22 Drug Enforcement Agency

Former undercover agent with DEA discusses their role in homeland security, their unique legal role, and the challenges of this and related professions.

W23 Environmental Protection Agency

Learn about science and environmental monitoring and protection careers in government & goals and effects of environmental regulations. What is EPA's & government's role in pollution prevention?

W24 Geosciences Engineering 1:30 only

Have rocks in your head? You'll be surprised; the geosciences are not just rocks anymore. Learn what careers are available for modern geoscientist.

W25 Intellectual Property in a Global Environment

General Counsel of Shinn Fu America, Inc. will review basic intellectual property; i.e. patents, trademarks, copyrights, & trade secrets. Discuss public policy implication with regard to its impact on business strategy domestically and internationally.

W26 Irish History in Song (3 pm only)

An Irish balladeer shares the complex Irish history through song and discussion. A struggle of economics, politics and religions discussed through song & photos

W27 Learning Languages

You will get tips on learning about other languages for jobs in public or private sectors. International & multi lingual consultant returns to discuss role of languages in our world and most careers.

W28 Wildlife & Plants, Conservation Biology Today

Talk with U.S. Fish and Wildlife Service staff from Squaw Creek NWR about career possibilities managing our nation's wildlife resources. Learn how technology has helps wildlife biologists be more efficient. Learn how to start a career in wildlife Biology.

W29 Women in Engineering (1:30 pm only)

Black & Veatch Engineering will discuss civil, electrical, mechanical and environmental engineering fields. Also discussion of women in engineering classes and in the work force. www.black-veatch.com

Thursday Afternoon Tours

T20 Nelson-Atkins Museum Ancient to Modern Tour *(Repeated Friday afternoon)*

World famous museum with international art & unique sculpture garden; See the new ultra modern wing with high tech lighting; Premier displays and architecture.

T21 Corporate & General Aviation and Air Tower

Tour Corporate and general aviation with Zurich Aviation; visit the air traffic control and pilot training at KC municipal airport; learn about the many professions and businesses in aviation and supporting fields.

T22 Farmland Foods Test Kitchen & Equipment Design

Farmland Foods –Test Kitchen where new food products, cooking instructions and recipes are developed for home use products and how restaurants develop new menu items. www.farmlandfoods.com

Multi Vac designs and installs equipment that make a majority of our nation's vacuum packages for food and pharmaceuticals. A full spectrum of professional, sales, and support careers involved in this unique industry.

T23 Federal Courthouse & Legal/Justice Systems

(Also offered Friday afternoon)

Gain inside view of how criminal cases are handled in the Federal Court system; Interact with a wide variety of legal professionals such as FBI, Secret Service, U.S. Attorney's Office, U.S. Marshall and visit with a judge in the courtroom to discuss investigation, prosecution and judicial aspects. (Purchase lunch in the cafeteria too.)

T24 Federal Reserve Bank

Tour the new Federal Reserve building and vault; see the inspection, storage, and security, the Money Museum, and participate in current economic outlook and financial literacy. www.FederalReserveEducation.org

T25 Shopping Center Management

A shopping center is way more than a place to hang out and buy shoes---it could be your career. Learn the in-and-outs of shopping center management from security to maintenance to marketing to management in this tour and seminar hosted by Zona Rosa, the Northland's mixed use center offering opportunities to live, work, shop and play. www.zonarosa.com

Remember, rank 5 or more from W30 through T36 in combination of workshops and tours

Friday Morning Workshops

W30 Alcohol Tobacco Firearms & Explosives **2 hours**
(Repeated this afternoon)

A brief history of the ATF, its regulation of the alcohol, tobacco, firearms and explosives industry, the requirements & various opportunities for employment & ATF's law enforcement mission. Explosive Enforcement Officers demonstrate technology to defuse 'situations'

W31 Crime Scene Investigations **2 hours**

Interact with Crime Scene Investigators from the KC Police Department. Learn how they gather evidence to solve crimes as well as the opportunities and requirements for the profession. Work with some of their detection equipment.

W32 Dentistry Careers and Specialties

UMKC Dental College faculty will discuss their profession, the specialty areas, the changing technology and expectations in the field, and how it is often the first line of detection for many diseases, as well as college requirements and costs.

W33 Diplomacy & International Law

Dialogue with "Her Majesty's Honorary Consul about International customs & laws, diplomatic & international legal career. He will get you to thinking, about ethics, cultures, and our place in the world's events. A favorite for 10 years!

W34 DJ: Audio, Lighting & Photo Technology

Think you've seen it all? See and learn what is new in the world of digital advertisement and digital entertainment. From touch screen to music stream, LED to TXT. Learn it all from a past 4-Her, conference DJ, and ZM Media's own Alex Heldt

W35 Food Franchise Careers

Brinker International is one of the largest casual dining companies in the world. It owns and operates Chili's Grill & Bar, On the Border Mexican Cantina and Maggino's Little Italy. We will discuss the multi faceted career options in the hospitality industry, as well as the changing demographics of dining. www.brinker.com

W36 Judicial & Public Service

Learn about our legal system, the education, experience, skills and attitudes needed for judicial role from an Attorney, judge, and former State Representative. Discuss public service & our court systems as well as elected office.

W37 Leadership by Hallmark **2 hours**
(Repeated this afternoon)

Hallmark Cards Administrative Professionals present an interactive, look at what determines the success of a leader, tips to improve your performance with a positive attitude, develop a clear vision to inspire others, various aspects of diversity, effective communication skills.

Friday Morning Tours

T30 Art Business & Global Photography

Shabobba International Gallery in downtown KC; interactive workshop for those interested in the work of world-renown photographer/artist Donald Greenhaus, Shabobba colleagues, international art business and fine photography and photo journalism.

T31 Bayer CropScience Plant

Tour Bayer CropScience plant to learn about their environmental research, ecotoxicity, and toxicology testing/research. See chemical analysis, water sampling and testing, metabolism research as well as avian, rodent and other toxicology studies.

T32 Commodity Trading & Coffee Roaster

Kansas City's Board of Trade: Commodity market trading action; see trading action at opening bell; learn the global connections of grain, economics, and politics
Roasterie Coffee blends coffee from all over the world for grocery & restaurant markets; learn about the geopolitical aspects of coffee markets. www.theroasterie.com

T33 Live Theatre Technology and Art Institute

Staging, costume design, lighting, and theatre technology at the "Rep", K.C.'s premier theatre; visit behind the scenes of a current production. www.kcrep.org
KC Art Institute offers degree courses in all forms of artistic expression; visit their campus and learn about types of jobs that graduates hold. www.kcai.edu

T34 Medical Systems Technology at Cerner

(Offered also Thursday morning)
Cerner is an international medical systems technology company that revolutionized medical record keeping Experience the high tech vision center & 'smart' room; Purchase lunch in the associate cafeteria.

T35 Metal Engineering Design & Corn Product

A.Zahner Company design, engineers, fabricates, and installs metal cladding systems for a wide variety of projects from Crown at Royals Stadium to Smithsonian Museum.
Corn is the basis of the multibillion dollar National Starch & Chemical manufacturing plant; Specialty chemicals, food additives developed, manufactured and shipped from here.

T36 Prescriptions Distributing & Fishing Gear Tour Aetna

Home Care and see how robots, multiple lines, 50 pharmacists, & specialty equipment process and send 20,000 prescriptions each day.
Pure Fishing: State of the art distribution center for quality fishing tackle brands; designs and produces fishing equipment for retailers worldwide.

Remember, rank 5 or more from W40 through T45 and combination of workshops and tours

Friday Afternoon Workshops

W40 Alcohol, Tobacco, Firearms & Explosives

(Offered this morning too) 2 Hours

A brief history of the ATF, its regulation of the alcohol, tobacco, firearms and explosives industry, the requirements & various opportunities for employment & ATF's law enforcement mission. Explosive Enforcement Officers demonstrate technology to defuse 'situations'

W41 Biotechnology in Animal Health

Synbiotics Corporation presenters will speak about the animal health industry, keeping animals, food and people safe. Hear about career opportunities in the technical, sales, marketing, etc. Participants will run animal diagnostics in a wet lab to experience technology and its value. www.synbiotics.com

W42 International College Students Share Views

Park University international students share insights about their native country's' educational systems and adjusting to American Schools and culture; interact with students from all over the globe and their 'take' on our schools.

W43 International 4-H Programs

See, taste and hear other cultures through 4-H travel and exchange programs. Learn how to participate in IFYE, Flex, and 4-H Japanese exchange program.

W44 Leadership by Hallmark 2 hours

(Also offered in morning)

Hallmark Cards Administrative Professionals present an interactive, look at what determines the success of a leader, tips to improve your performance with a positive attitude, develop a clear vision to inspire others, various aspects of diversity, effective communication skills.

W45 Marketing & Promotion Simulation 2 hours

Offsite workshop at Duff Marketing; Learn & apply marketing, advertising & public relations skills at this multi faceted independent firm. You will experience planning a multimedia marketing campaign.

W46 NASA Professions & Opportunities

Explore careers in math, engineering, science, education, and technology with an Education Specialist with National Aeronautics & Space Administration; learn about the NASA/4-H connection and opportunities!

W48 Probation Officers: Crimes & Punishment

2 hours

Gain insight into the federal judicial process and learn what happens to criminals before and after prison. Learn about career requirements needed to become a U.S. Probation Officer

Friday Afternoon Tours

T40 Nelson-Atkins Museum: Ancient to Modern Tour

(Offered also Thursday afternoon)

World famous museum with international art & unique sculpture garden; See the new ultra modern wing with high tech lighting.

T41 Archeological Salvage & Concrete Form Design

Western Forms Inc; 30 countries use Western Forms aluminum forming systems for concrete construction. Patented products and proprietary processes make this KC company a world leader, as well as a 'green' company. www.westernforms.com

Seldom Found architectural is a construction and decorating reusing/ repurposing company located in the West bottoms of KC. www.seldomfound.com

T43 Fashion Industry Careers

Tour the photo studio, make-up facility, cosmetic boutique and offices of Patricia Stevens Model and Talent Agency. You will learn about the best way to present yourself professionally. Ms. Stevens will share with you a multitude of career paths available. Image Marketing, Make Up artistry, Fashion Design, and Public Relations and many modeling and on modeling career paths in this global field.

T44 Federal Courthouse

Gain inside view of how criminal cases are handled in the Federal Court system; Interact with a wide variety of legal professionals such as FBI, Secret Service, U.S. Attorney's Office, U.S. Marshall and visit with a judge in the courtroom to discuss investigation, prosecution and judicial aspects. (Purchase lunch in the cafeteria)

T45 FedEx & Industrial Chemistry at Tnemec

FedEx new distribution center has top of the line technology & transportation engineering systems; learn how they are able to 'deliver as promised.' Tnemec develops specialty coatings and paints for industry and infra structure; chemistry, technology, research and development careers in an industrial lab setting.