

	JOINT TOPICS	LABORATORY	YOUNG PROFESSIONALS	DRINKING WATER	WATER DISTRIBUTION
Room	Walnut (208)	Osage (207)	Oak (206)	Maple (205)	Cedar (204)
Mods	Isaiah LaRue Roxann Slater	Durward Johnson Mike Orth	Brent Chesnut Ben Haecherl	John Gilroy Donna Tucker	Lucas Gillen Andrew Hansen
7:30	KWEA Board & Committee Chair Breakfast / Annual Business Meeting (Board Room); Golden Manhole Breakfast (Stimson Trail Room); KsAWWA OTC Meeting / Breakfast (Chisholm Trail Room)				
8:30	AWWA's Key Communication Strategies (Part 1)  Deirdre Mueller, AWWA National	Taste and Odor Analysis in Drinking Water  Angela Jones, WaterOne	Implementation of an External Selector to Improve the Stability and Nutrient Removal of Aerobic Granulation  Rasha Faraj, University of Kansas	Groundwater Modeling as an Effective Decision-Making Tool  Martha Silks, Leggette, Brashears & Graham, Inc.	Potable Water Well Pump Testing  Paul Brotcke, Brotcke Well & Pump
9:15	AWWA's Guide to Developing a Communications Plan (Part 2)  Deirdre Mueller, AWWA National	Process Control Testing: What Works?  KWEA Lab Committee Panel	Listen Like a Negotiator  Dan Oblinger, Leadercraft	Advanced Leak Detection Technology Utilizing Satellite Imagery  Paul Schumi, Hydromax USA	Uncovering and Reviving 100 Years of Salina's Downtown History  Trevor Menke, City of Salina
10:00	Refreshment Break (Expo Hall)				
10:30	Managing Millennials  Kerrie Greenfelder, Burns & McDonnell	Method Demonstration, SOURS, and Volatile Solids Reduction  Anna Custer, Pace Analytical	KU Design Team WEF Presentation  Ryan Rutkowski, CAS Constructors	Got Bromide?  Geordan Stroud, Ixom Watercare	Easy Money: Reduce Apparent Water Loss and Increase Billable Revenue by Correcting Errors  Craig Hannah, Johnson Controls, Inc.
11:15	Public Works and Utilities Earthquake Response Planning  Bill Perkins, City of Wichita	BOD: What It Is, What It Was, What It Shall Be Again  Heath Horyna, Westar Energy	Water Workforce Challenges: Young Professional Solutions  Miranda Sloan, Burns & McDonnell	Advances in UV Technology and the Use of UV for 4-Log Virus Disinfection  Scott Bindner, Trojan Technologies	Water, the New Liquid Gold: Where's My Water Going?  Nicolas Willis, Wichita State University Environmental Finance Center
12:00	KWEA Awards Luncheon (Grand Eagle Ballroom DEFGH) -OR- KsAWWA Awards Luncheon (Redbud Ballroom BC)				

	WASTEWATER TECHNOLOGY	COLLECTIONS WORKSHOP	COLLECTION SYSTEMS	WASTEWATER OPERATIONS	KsAWWA OTC
<b>Room</b>	Birch (203)	Cypress B (209)	Redbud A (210)	Expo Hall: Presentation Area A	Expo Hall: Presentation Area B
<b>Mods</b>	Mike Carter Brian Williams	Pat Flynn Jerry Grant	Alexander Darby Chris Ramsey	Richard Ludowese Russell Still	Debra Ary Josh Tedder
<b>7:30</b>	<b>KWEA Board &amp; Committee Chair Breakfast / Annual Business Meeting (Board Room); Golden Manhole Breakfast (Stimson Trail Room); KsAWWA OTC Meeting / Breakfast (Chisholm Trail Room)</b>				
<b>8:30</b>	<p>Stop Hunting! Precision Air Control Reduces Energy and Saves Your Actuators</p> <p>Tilo Stahl, Binder Group</p>	<p>Employee Development and Advancement at Lawrence Utilities Department</p> <p>Jeanette Klamm and Melinda Harger, City of Lawrence</p>	<p>Elegant Analysis of Big Data Leads to Big Savings for the City of Topeka</p> <p>Michael Lorenzo, Bartlett &amp; West; Sylvia Davis, City of Topeka</p>	<p>Identifying and Stopping Inflow/Infiltration in Manhole Chimneys and Pipe Joints</p> <p>Tim North, Cretex Specialty Products</p>	<p>Corrosion Control and Lead Release in Water Treatment</p> <p>Emily Tummons, Black and Veatch</p>
<b>9:15</b>	<p>Replacing Old UV Wastewater Disinfection Systems: When to Upgrade Existing UV System?</p> <p>Bob English, Aquionics</p>	<p>City of Wichita's Approach for FOG Control</p> <p>Rebecca Lewis &amp; Madeline Hamilton, City of Wichita</p>	<p>City of Lawrence: GIS Data Migration to the Local Government Information Model (LGIM)</p> <p>Nick Hoyt, City of Lawrence</p>	<p>Nitrification Basics and Ammonia Removal in Lagoons</p> <p>Tim Canter, Environmental Dynamics International</p>	<p>Water Treatment Plant Operator</p> <p>Steve Nirschl, Kansas City Board of Public Utilities</p>
<b>10:00</b>	<b>Refreshment Break (Expo Hall)</b>				
<b>10:30</b>	<p>The New CHP Paradigm for Wastewater Treatment Plants</p> <p>Kevin Kirkeby, ElectraTherm</p>	<p>Odor Control: Liquid Phase</p> <p>Mark McGuire, Evoqua Co.</p>	<p>Wastewater System Mapping</p> <p>LaDonna Lawrenz &amp; Bill Perkins, City of Wichita</p>	<p>Regional Biosolids Dewatering and Drying in the Tri-Lakes Area</p> <p>Travis Heier, HDR Engineering</p>	<p>Math for Operators (Part 1)</p> <p>Ben Fox, D &amp; F Services</p>
<b>11:15</b>	<p>Hydrocyclone Retained Functionally Important Microorganism in Biological Nutrient Removal</p> <p>Belinda Sturm, University of Kansas</p>	<p>Odor Control: Vapor Phase</p> <p>Mark McGuire, Evoqua Co.</p>	<p>Data Management Round Table Discussion</p> <p>Deron Huck, CH2M HILL</p>	<p>Nutrient Control at New Century Air Center WWTP</p> <p>Nathan White, Black &amp; Veatch</p>	<p>Math for Operators (Part 2)</p> <p>Ben Fox, D &amp; F Services</p>
<b>12:00</b>	<b>KWEA Awards Luncheon (Grand Eagle Ballroom DEFGH) -OR- KsAWWA Awards Luncheon (Redbud Ballroom BC)</b>				

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Room	Walnut (208)	Osage (207)	Oak (206)	Maple (205)	Cedar (204)
<b>Mods</b>	Roopa Matole Brian Spano	Jerry Blain Jason Patty	Lester Estelle Chad Harrington	Bruce Allman Kurt Bookout	Kevin Enright Fred Jones
<b>1:30</b>	Workforce Development: Work in Water Program and Internship  Tonya Bronleewe, Wichita State University Environmental Finance Center	What to do with Lab Waste?  Debbie Travis, KDHE-SCDO	Panel Discussion: Millennials  Ryan Rutkowski, CAS Constructors	Cutting Edge Carbon Dioxide  John Gilroy, City of Olathe	Water System Mapping  Greg Lolley, City of Wichita
<b>2:15</b>	Kansas' First IFAS Facility: Here We Go!  Kerrie Greenfelder Burns & McDonnell	Chemistry of Brewing Beer  Travis Rohrberg, Walnut River Brewing Company	Young Professionals: Creating a Pipeline for Success  Natalie Morrison, WaterOne	Strategies and Limitations: Technologically Driven Water Process  Steven Craig, City of Lawrence	Ice Pigging: Cleaning Water and Wastewater Mains with Ice  Jake Dugger, Utility Service Co.
<b>3:00</b>	<b>Refreshment Break (Expo Hall)</b>				
<b>3:30</b>	Anatomy of a AAA Bond Rating  Shane Hoffman, WaterOne	Tour of Wichita Brewing Company  (Facility Tour & Transportation Provided By CH2M)  Kyle Banick, Wichita Brewing Company	Don't Be a Talking Head: Grow Your Workforce with Hands-On Lessons  Tonya Bronleewe, Wichita State University Environmental Finance Center	We are Moving from Bin 1 to Bin 2: Now What?  Andrew Hansen, Black & Veatch	City of De Soto Internal Inspection of 16" Water Main Under the Kansas River  Mark Wade, Providence Infrastructure Consultants
<b>4:15</b>	KC Water Utilities Experience Using Data Tracking KPIs to Drive Continuous Improvement  Charlies Stevens, KC Water		Creating an Effective Water Education Program in Schools  Kelly Fry, WaterOne	Delivering Mobile Water Treatment to Meet Demand for Flexibility  Rick Moro, Pall Water	Chloramines: A History (Updated)  Emily Tummons, Black & Veatch
<b>5:30</b>	<b>Joint Reception (Redbud Ballroom Foyer)</b>				
<b>6:30</b>	<b>Joint Awards Banquet (Redbud Ballroom BC)</b>				

	WASTEWATER TECHNOLOGY	COLLECTIONS WORKSHOP	COLLECTION SYSTEMS	WASTEWATER OPERATIONS	KsAWWA OTC
	Birch (203)	Cypress B (209)	Redbud A (210)	Expo Hall: Presentation Area A	Expo Hall: Presentation Area B
<b>Mods</b>	Bernard Kitten David O'Dell	Pat Flynn Jerry Grant	Laura Gray Deron Huck	Trevor Menke Mark Peterson	Phillip Cooper Dan Defore
<b>1:30</b>	Dual-Purpose Filtration for Auxiliary Wet-Weather Capacity and Phosphorus Polishing  Jim Fitzpatrick, Black & Veatch	Infiltration/Inflow  Patrick Beane, Johnson County Wastewater	Springfield, MO SSO Control Program: Using Big Data to Chart Progress  Rich Hayslett & Josh Tedder, Black & Veatch	Force Main Odor and Corrosion Control with Super Oxygenation  Kent Newport, HDR Engineering	1:30 Meter Madness
<b>2:15</b>	Innovative Membrane Aerated Biofilm Reactor for Simple, Low-Energy Nutrient Removal  Dan Higgins GE Water & Process Technologies	Health Hazards for Collection Workers  Brian Welch, KDOL	An Explosive Look at Cross Bores Through Sewers  Ron Thomann & David Hamberlin, TREKK Design Group	Compliance with Revised Ammonia Criteria with Aging Infrastructure  Jamie Belden, City of Wichita	2:30 Hydrant Hysteria Demonstration
<b>3:00</b>	<b>Refreshment Break (Expo Hall)</b>				
<b>3:30</b>	Using Cloth Disk Filters for Phosphorus Removal  Will McHale, Nexom	Collection Maintenance  Tonya Roberts & Ira Speer, City of Olathe	New Technologies Tried in Collection System Maintenance  Bill Perkins & Joe Loggins, City of Wichita	Practicalities of Employing Cyclic Aeration  Adam Bogusch, Burns & McDonnell	Backhoe Rodeo (Expo Hall Parking Lot)
<b>4:15</b>	Ammonia Permits and Lagoons: Kansas WWTFs and the Options Available for Beating Limits  Will McHale, Nexom	Math for Collection Systems  Pat Flynn, Pittsburg State University	FRP Liner Systems for New and Existing Manholes  Tom Bumgardner, Innovative Engineered Equipment	Efficient Design Configurations for Biological Nutrient Reduction  Jane Madden, CDM Smith	
<b>5:30</b>	<b>Joint Reception (Redbud Ballroom Foyer)</b>				
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