

Event Sponsors



For more information, contact:

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Welcome,

The Houston-Galveston Area Council (H-GAC) is pleased to host today's Pharmaceutical Waste Management luncheon and workshop. Local and state-wide experts are ready to lead the discussion on developing a solution for managing this unique waste stream.

The Houston-Galveston region is growing at an astounding rate. As planners, recyclers, and elected officials, we have the unique opportunity to affect the way our communities respond to the increasing demands of pharmaceuticals on our waste stream.

This workshop will explore strategies to improve the collection, transportation and safe disposal of pharmaceuticals in the region. The support and coordination of local partners throughout the region is critical to implementing these solutions.

This forum, the first of its kind in the region, would not have been possible without the support and dedication of our sponsor, Waste Management Healthcare Solutions, Inc. PharmEcology Services.

We hope you will enjoy today's workshop. For more information on H-GAC's solid waste program or to request assistance, please contact Gena McKinley at gena.mckinley@h-gac.com or call 713-993-4529.

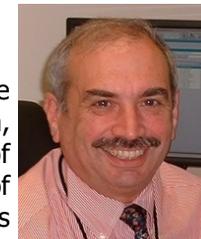
Sincerely,



Jeff Taebel, FAICP
Director, Community & Environmental Planning

JON D. THOMPSON, M.S., DABAT
Southeast Texas Poison Center

Jon Thompson is the Director of the Southeast Texas Poison Center at the University of Texas Medical Branch in Galveston. A native of North Carolina, he is a graduate of Wake Forest University (Biology) and the University of Texas Medical Branch (Pharmacology and Toxicology). With over 29 years of experience in clinical toxicology and poison center administration, his positions have included Certified Specialist in Poison Information, Associate Director of the Southeast Texas Poison Center, Founding Director of the South Texas Poison Center at the University of Texas Health Science Center-San Antonio, and Director of the Blue Ridge Poison Center at the University of Virginia Health System in Charlottesville, Virginia. Jon is a Diplomate of the American Board of Applied Toxicology, having been continuously certified as a non-physician Clinical Toxicologist for over 19 years. His special expertise and interests within Clinical Toxicology include Clinical Toxinology and Envenomation.



JEANIE JARAMILLO, PharmD
Texas Panhandle Poison Center, Texas Tech University
Health Science Center School of Pharmacy

Dr. Jeanie Jaramillo received her Doctor of Pharmacy degree from Texas Tech's School of Pharmacy in 2001. She then completed a post-graduate residency in Drug Information also at Texas Tech. She has been the Managing Director of the Texas Panhandle Poison Center for six years and an Assistant Professor in Pharmacy Practice at Texas Tech University Health Sciences Center School of Pharmacy for 7 years. Dr. Jaramillo teaches courses in Drug Information and Toxicology to PharmD candidates and precepts fourth-year students completing a Poison Control Elective clerkship. Her research interests include pill identification services and their burden on poison centers as well as quality of data of the National Poison Data System. She currently chairs the Poison Control Coordinating Committee of the six centers comprising the Texas Poison Center Network. She has a passion for the prevention of poisonings and recently accomplished a long-time professional goal of conducting one of the first medication take-back programs in Texas.



KATI STODDARD, M.S.

PhD Candidate—University of North Texas

In 2005 Kati Stoddard earned her Bachelor of Science in bioenvironmental science from Texas A&M University. Following her undergraduate degree, she went on to earn her Masters of Science at the same institution in Water Management and Hydrologic Science with special interests in water quality, risk perception, and urban environmental issues. Following this, she took a position as an environmental consultant in North Texas and gained valuable working experience in storm water permitting and support; National Environmental Policy Act (NEPA) documentation; wetland determination, delineation, and permitting; hazardous waste site characterization, including Environmental Risk Assessments (ERAs); biological sampling and taxonomy; environmental assessment and documentation; Geographic Information System (GIS) data acquisition, manipulation, and application; and creating basic AutoCAD drawings for a variety of environmental reports as an environmental consultant. Currently she is working on her PhD in environmental science at the University of North Texas under the direction of Dr. Duane Huggett. Her PhD project is to develop a decision-making framework for an optimized pharmaceutical take-back program (TBP) paradigm that includes scientific and social attributes often overlooked in the standard TBP model as a sustainable solution to the public and environmental health threat of pharmaceuticals.



CHARLOTTE SMITH, R.Ph., M.S. HEM

WM Healthcare Solutions, Inc.

Charlotte Smith is Director of PharmEcology Services, part of Waste Management Healthcare Solutions (WMHS). She founded PharmEcology Associates, LLC in 2000 and sold the company to WMHS in April of 2009. Being a part of WMHS will enable PharmEcology to assist the healthcare industry in reducing and managing pharmaceutical waste even more effectively. She co-founded Capital Returns, Inc., a nationally known pharmaceutical reverse distributor in 1991 and for 10 years served as president and chief regulatory advisor. Ms. Smith is a registered pharmacist who received her Bachelor of Science in Pharmacy and Masters of Science in Continuing and Vocational Education from the University of Wisconsin. She is a member of the Pharmacy Society of Wisconsin, the American Society of Health-System Pharmacists, and the American Society for Healthcare Environmental Services.



Pharmaceutical Waste Management

- 10:00 – 10:10** **Welcome and Introductions**
Jeff Taebel, F.A.I.C.P.
Houston-Galveston Area Council
- 10:10 – 10:45** **Pharmaceutical Waste: A Public Health Challenge**
Matthew C. Mireles, Ph.D, M.P.H.
Community Medical Foundation for Patient Safety
- 10:45 – 11:15** **Local & State Regulations**
Wayne Harry, P.E.
Jessica Huybregts
Texas Commission on Environmental Quality
- 11:15 – 11:45** **Optimizing Pharmaceutical Take Back Programs to Improve Public & Environmental Health**
Kati Stoddard, M.S.
PhD candidate - University of North Texas
Victoria Hodge, M.S.
City of Denton
- 11:45 – 12:15** **Lunch: Room C**
**Thank you to our sponsor: Waste Management Healthcare Solutions, Inc. , PharmEcology Services*
- 12:15 – 12:45** **Take-Back Programs: Challenges and Solutions**
Charlotte Smith, R.Ph., M.S., HEM
WM Healthcare Solutions, Inc.
- 12:45 – 1:15** **Local Resource Partners**
Jon D. Thompson, M.S., DABAT
University of Texas Medical Branch
- 1:15 – 1:55** **Case Study: Medication Cleanout in Amarillo**
Jeanie Jaramillo, PharmD
Assistant Professor, Texas Tech University Health Science Center School of Pharmacy
- 1:55-2:00** **Closing Remarks**
Gena McKinley
Houston-Galveston Area Council

Speakers

JEFF TAEBEL, FAICP

Houston-Galveston Area Council

Jeff Taebel is Director of Community and Environmental Planning at the Houston-Galveston Area Council, where he oversees community planning, economic development, environmental, forecasting and small business financing programs for the Houston area's regional planning agency. He has 25 years of professional experience, 21 in his current position, and is also a past President of the Texas Chapter of the American Planning Association. He received a Master of Urban Planning from Texas A&M University and a B.S. in Life Sciences from the University of Nebraska.



MATTHEW C. MIRELES, Ph.D., M.P.H.

Community Medical Foundation

Matthew C. Mireles is the President and CEO of Community Medical Foundation for Patient Safety, a Houston-based nonprofit, 501(c)(3) active learning organization that specializes in the study of patient safety. Dr. Mireles brings his biomedical engineering background, military and aviation training and academic and research experiences as an injury and occupational epidemiologist to the emerging field of healthcare quality and safety. Dr. Mireles is the principal investigator for research projects, including the National Unused and Expired Medicines Registry, Functionality Assessment Test (FAsT) for Screening Mild Traumatic Brain Injury, and the Share Our Stories, Share Our Strength© (SOS2) Patient Safety Reporting System. He is a frequent invited expert speaker on the topic of patient safety and improvements in the healthcare system. He also holds a faculty appointment at The University of St. Thomas in Houston, and is listed as a faculty member of the National Patient Safety Foundation.



WAYNE HARRY, P.E.

Texas Commission on Environmental Quality

Wayne Harry has worked at the TCEQ and predecessor agencies since 1985 in industrial and municipal solid waste permitting programs. He is currently a Technical Specialist responsible for municipal solid waste application reviews, public assistance, and rule development. He is a licensed professional engineer. He received his Bachelor of Science degree in Civil Engineering from The University of Texas at Austin.

JESSICA HUYBREGTS

Texas Commission on Environmental Quality

Jessica Huybregts works in the Public Drinking Water Section of the Texas Commission on Environmental Quality (TCEQ) in Austin. Jessica graduated from The University of Western Australia with a Bachelor of Environmental Science degree. At the Department of Environment in Western Australia, Jessica worked on salinity management, the Statewide River Water Quality Assessment, and numerous river, estuary, watershed, and marine projects. While consulting in San Francisco and Austin, Jessica tackled groundwater contamination investigations, emerging contaminants, and human health risk assessments. At TCEQ, Jessica's duties include implementing the Stage 1 and 2 Disinfection Byproducts Rules and she is the co-lead for the Senate Bill 1757 project on Unused Pharmaceutical Disposal in Texas.



VICTORIA HODGE, M.S.

City of Denton

Victoria is the Home Chemical Collection (HCC) Supervisor for the City of Denton Solid Waste Department Recycling Division. Victoria has been an integral part of the HCC program since its inception over three years ago. She has coordinated, developed, and designed the program to its full operating capacity. Before this position, she was the City of Denton's Utilities Safety Coordinator for over three years. Prior to working for the City of Denton, she worked on the North Slope of Alaska in the oil fields where she worked on a behavioral safety project. That project produced the best safety record within all of Phillip Alaska's projects that season. Victoria is actively involved as a member in many organizations: North American Hazardous Materials Management Association (NAHMMA), Solid Waste Association of North America (SWANA), and the Texas Chapter (TX-SWANA), where she served as the president of TXSWANA's Safety Management and Resource Team (SMART); and the North Texas Corporate Recycling Association (NTCRA). Victoria is involved in the Denton community by serving as Secretary on the Board of Community Partners of Denton County, and as a Denton Chamber of Commerce Ambassador. Victoria received her Master's degree in Behavior Analysis from the University of North Texas.

