

Special Invitation

Hemp Help: Growing Your Canna Business in Wisconsin

Free Educational Seminar

Saturday, March 16, 2019
University of Wisconsin-Parkside
Student Center, 900 Wood Road, Kenosha, WI 53144

Abstract/Schedule

In this seminar, split into two sessions, we will showcase some of the latest advancements Shimadzu has available for Hemp Testing. Guest speakers will talk about the challenges of growing hemp, regulations in Wisconsin, and the new analytical lab at UW-Parkside.

➤ Session I

9:00AM **Introductions**

9:10AM **Health Benefits of Hemp, Marijuana, CBD and THC – A Reality Check**
Dr. Ehab Abourashed

Dr. Ehab Abourashed is a graduate of the Faculty of Pharmacy, Cairo University. He received an M.S. in Organic Chemistry from the University of Tennessee and a Ph.D. in Pharmacognosy from the University of Mississippi. He is currently Associate Professor at the Medical College of Wisconsin School of Pharmacy. Earlier in his career, Dr. Abourashed was Research Scientist at the University of Mississippi National Center for Natural Products Research and Associate Professor at King Saud University College of Pharmacy and Chicago State University College of Pharmacy. In the private sector, he was Senior Scientist at GlaxoSmithKline, New Jersey and Director of Quality Assurance at EISOHLY Labs, Mississippi. Dr. Abourashed has more than 50 peer-reviewed publications and invited presentations. He is the co-author of 'Leung's Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics - 3rd Ed' and Associate Editor of the journal 'Antioxidants'. His research interests include isolation, structure elucidation, microbial transformation and biomimetic synthesis of biologically active natural products (mainly antioxidants and psychoactive agents); application of HPLC and LC-MS in phytochemical, environmental and biochemical analysis; and phytopharmacology of herbal medicines. Exposing professional pharmacy students to analytical methodology and bioactive natural products drug discovery is the main focus of Dr. Abourashed's current research activities.

10:05AM **History of Hemp – Analytical Testing**
Shimadzu

Shimadzu Scientific Instruments is the leader in providing analytical instruments for the hemp industry. From seed to sale, from accurate hemp cannabinoid and terpene profiling to reliable, highly sensitive heavy metals, pesticide, mycotoxins/afatoxins, residual solvents, and microorganism analysis, Shimadzu offers scalable solutions to meet your testing needs for today and tomorrow.

10:30AM **University Response to Regional Need for Industrial Hemp Testing**
Dr. Lori Allen – UW-Parkside Testing Lab

Dr. Allen has over 35 years of experience in the field of analytical chemistry serving at UW-Parkside for 20 years. This presentation will highlight recent and upcoming changes to the chemistry major. She will identify existing and planned instrumentation and its availability to meet regional needs associated with Natural Products testing.

11:05AM **GMP Testing**
MP Consulting

MP Consulting, LLC is a woman-owned consulting partnership with 30+ years of experience as Quality professionals in the pharmaceutical, medical device, and cannabis industries. MPC provides consultation services for cGMP implementation, Standard Operating Procedure (SOP) development, audit readiness, validation, and training to testing laboratories, cultivation facilities, and manufacturing operations.



Potency Testing

Terpene Profiling

Pesticide Analysis

Residual Solvents

Heavy Metals

Moisture Content

Mycotoxins/Aflatoxins

Potency Testing

Terpene Profiling

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Moisture Content

continued on back



11:30AM Open Panel Discussion with All Speakers

Following the open discussion, there will be a tour of UW-Parkside Natural Products Laboratory, with times based on registration:

- Tour 1 – 12:10-12:20
- Tour 2 – 12:20-12:30
- Tour 3 – 12:30-12:40
- Tour 4 – 12:40- 12:50
- Tour 5 – 12:50 – 1:00

Open to both Session I and Session II registrants



➤ Session II

1:00PM Farmers Share Challenges of Growing and Harvesting Hemp Sasha Johnson, Ballew Farm, and Joseph W. Hickey Sr., Director Corporate Relations, Atalo Holdings, Inc.

Sasha Johnson is a beginner farmer originally from Winchester, Kentucky. For years she has worked closely with minority farmers in the DMV area, learning about the importance of food sovereignty and caring for the land. Upon returning to Kentucky earlier this year, she took a leap and joined the team at Ballew Farm in Richmond, Kentucky, and successfully tended to and harvested 10 acres of hemp. Along with her good friend and mentor, CJ, she has plans to triple hemp production next year and build their own hemp processing facility in Richmond, Kentucky.



Joseph Hickey's long history in the hemp industry started in 1994 as the founder and Executive Director of the Kentucky Hemp Growers Cooperative. Mr. Hickey and Woody Harrelson established Tierra Madre, LLC in 1994 to focus on identifying and funding innovative technologies supporting environmental sustainability. Mr. Hickey was a founder and board member of both Kenex Ltd, Canada's first commercial hemp seed and fiber processing company and Prairie Pulp & Paper, which produces environmentally friendly paper made from Canadian wheat straw waste. Mr. Hickey is a founder and acting CEO of Baswood, a company that developed a new disruptive technology for wastewater treatment. He managed the construction of Baswood's first commercial wastewater treatment plant in 2013 for Dr. Pepper in Houston, Texas. In 2014, after more than 20 years of lobbying and research efforts, Mr. Hickey became a founding member of Atalo Holding, Inc. He is a member of the board of the Kentucky Hemp Research Foundation and the Kentucky Hemp Industries Association.



2:05PM DATCP Regulation Updates in Wisconsin

2:45PM Open Panel Discussion with Afternoon Speakers



Details/Registration

- Saturday, March 16, 2019
- University of Wisconsin-Parkside, Student Center, 900 Wood Road, Kenosha, WI 53144
- Please register at:

<https://conta.cc/2E1CxbX>

For information or questions, please contact: Amy Furreness, Shimadzu, at:

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