

Agenda

Federal and State Law Treatment of Industrial Hemp *L. Pittman*

- Definition of industrial hemp
- 2014 Farm Bill federal treatment of hemp
- 2018 Farm Bill federal treatment of hemp
- State and federal agencies involved in hemp and CBD regulation
- State research and pilot programs across the country

Focus on the Texas Industrial Hemp Program from Licensing to Harvest *S. Miller*

- USDA Farm Bill Regulations and State hemp plan overview
- 2019 Texas law legalizing industrial hemp
- Proposed Texas Department of Agriculture regulations
- Licensing, registration and permitting from licensing through harvest
- Issues needing awareness and resolution
- Question and answer session

Focus on Texas Industrial Hemp Program from Harvest to End Consumable *S. Pahl*

- DSHS' role in regulating the Texas Hemp Program
- Rulemaking process, both formal and informal
- DSHS progress and anticipated timelines
- Overview of licensing, registration, and inspection
- Question and answer session

Interpreting Interim Federal and State Rules on Testing Requirements *M. Sandoval*

- Legal requirements for laboratory testing of hemp
- Importance of legally defensible and scientifically valid test results
- Explanation of testing requirements and COAs
- Current landscape of testing labs and how to identify a good lab
- Question and answer session

Applications for Industrial Hemp *A. Sommers*

- The science behind hemp: the endocannabinoid system, biochemistry and therapeutic properties of cannabis sativa
- Understanding legal distinctions between CBD isolate, broad spectrum, full spectrum CBD
- Understanding bioavailability of various consumption methods such as tinctures, topicals, inhalation, etc.
- Question and Answer Session

Applications for Industrial Hemp *H. Valles*

- Paper
- Textiles
- Biodegradable plastics
- Construction materials
- Food
- Fuel

Banking and Economic Projections for Industrial Hemp *S. Barnes*

- Overview of the market
- Regulatory costs
- Production costs
- Expected yield and net returns per acre
- Research efforts
- Market identification
- Banking law overview
- Legal reasons why banking is still difficult in the hemp industry
- Banking due diligence requirements
- G. Mayes II*
- G. Williams*

**Industrial Hemp:
Law, Applications and Economics**
Austin, TX - Thursday, February 27, 2020



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Learning Objectives

You'll be able to:

Learn about federal treatment of industrial hemp under the 2018 Federal Farm Act.

Explore the 2019 Texas law legalizing industrial hemp and CBD.

Examine proposed Texas Department of Agriculture regulations.

Review the science behind hemp, including biochemistry and therapeutic properties.

Examine applications for industrial hemp including medicinal uses, paper, textiles, plastics, food and fuel.

Review economic projections for industrial hemp.



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Discuss the 2019 Texas law legalizing industrial hemp and CBD

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Examine applications for industrial hemp including medicinal uses, paper, textiles, plastics, food and fuel

Look at proposed Texas state regulations

Review economic projections for industrial hemp

Continuing Education Credits

This course is open to everyone interested in this timely subject, including attorneys, agribusiness representatives, small farmers, and family farm operators considering entering the growing hemp industry.

Attorneys

- 6.0 Texas CLE Hours
- 6.0 Administrative Law



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Faculty

Lisa L. Pittman *Partner at Thomas Pittman P.C. in Austin, TX*
Throughout Ms. Pittman's 20-year career, she has litigated and tried disputes relating to labor & employment, breach of contract, commercial banking, fraud, fiduciary duty, construction defect and injury, deceptive trade practices, premises liability, professional liability, and products liability. In 2014, she read the testimony of Texas mothers with children with epilepsy, detailing the treatment and life choices they had to make for their children's conditions. Ms. Pittman merged her passion for wellness with her profession as a business attorney by focusing her practice on the legal cannabis and hemp industries. A native Texan, her work in the legalization movement in Texas has earned her the title, "The First Lady of Texas Cannabis Law."

Sid Miller *Texas Department of Agriculture Commissioner*
An eighth-generation farmer and rancher, Mr. Miller is the 12th Commissioner of the Texas Department of Agriculture (TDA). He has devoted his life to promoting Texas agriculture, rural communities and the great state of Texas. Mr. Miller graduated with honors from Tarleton State University in Stephenville with a B.S. degree in Vocational Ag Education. Mr. Miller was first elected to the House of Representatives in 2000. He quickly earned a reputation as a staunch defender of Texas agriculture, constitutional freedoms and individual liberties for all Texans. He was elected statewide as the 12th Texas Agriculture Commissioner in 2014, and re-elected to his second term in office in 2018.

Stephen Pahl *Associate Commissioner, Consumer Protection Division at TX Department of State Health Services*
The division promotes public health and safety by overseeing food, drug, and medical devices; environmental health hazards, including asbestos, lead, and other dangerous products and chemicals; medical and industrial radiation equipment; and the emergency medical services and trauma care system of Texas.

Mike Sandoval, MS *President of Sante Laboratories in Austin, TX*

Anita R. Sommers, M(ASCP) *the CBD Genie, in Austin, TX*
Born and raised in Texas, Ms. Sommers provides education on the biochemistry of the endocannabinoid system in a fun, memorable and comprehensive way as a cannabis science communicator. Her career, education, unfortunate medical history, and the passing of both of her parents to cancer has set the moral

compass for her journey. Ms. Sommers spent eight and a half years in the Air Force, 12 years in the medical field with seven years diagnosing infectious diseases in the microbiology department. She is most importantly, a patient with a cannabis testimony.

Henry Valles *NAR Green Certified real estate professional with Realty Austin*
Mr. Valles is founding board of director member of the US Hemp Building Association, co-founder & vice president of the Texas Hemp Industries Association and a hemp building advocate. In 2017, he spearheaded Austin's first hempcrete home in Community First Village, a community for the chronically homeless. Mr. Valles has delivered presentations on developing community through hemp building at multiple conferences, such as the International Hemp Building Symposium, SingularityU and EarthX. Inspired to bring more sustainable and non-toxic solutions to the real estate and building industries, Mr. Valles continues to educate his community and champion the use of hemp based building materials through his real estate and hemp building consulting practices.

Sal Barnes *Director at Marijuana Policy Group, LLC in Denver, CO*
Mr. Barnes has a background in strategic consulting, having completed numerous strategy projects globally for government agencies, Fortune 500 companies, institutional capital companies and venture capital firms. Mr. Barnes holds a B.B.A degree from St. Edward's University in Austin, Texas and a M.B.A. degree in Finance from Tulane University in New Orleans, Louisiana. The Marijuana Policy Group LLC (MPG) is a consulting and research firm focused on legal cannabis markets. MPG helps governments design best-practice regulations.

Glen P. Mayes II *Cannabis Wellness Consultant*
A Texas native, Mr. Mayes' son was diagnosed with a neurological disorder at two months old. He was motivated to search for a safer medication for his son. During his time in Colorado, Mr. Mayes worked in the marijuana industry most recently, as general manager of a hemp extraction facility. He is bringing his knowledge back home to ensure quality products from genetics to post harvest.

Grant Williams *Senior Vice President, Treasury Management at Southside Bank, in Austin, TX*

Seminar Information

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