

2019 AAPG Mid-Continent Section Meeting Wichita, KS

'Revitalizing the Mid-Continent'

Hosted by the Kansas Geological Society

REGISTRATION ANNOUNCEMENT

OCTOBER 5-8 DOUBLETREE BY HILTON
WICHITA, KS

Register now at <http://aapgms.org/section-meetings/2019>





Revitalizing the Mid-Continent



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WELCOME TO WICHITA

On behalf of the Mid-Continent Section of the AAPG, the Kansas Geological Society, and the Kansas Geological Foundation, it is my honor to invite you to Wichita for the 2019 Mid-Continent Section Meeting.

The oil and gas industry continues to evolve with the combination of new technology and advances in our understanding of complex reservoirs and petroleum systems. As geologists, we understand that technology alone cannot meet the world's demand for oil and gas. It will take a continued effort to better understand and apply the fundamentals of petroleum geology and the business of oil and gas in order to adequately apply new technologies in a profitable and responsible manner. The 2019 Mid-Continent Section Meeting will focus on the integration of petroleum geology, business and finance, and new technologies going forward.

We have a great lineup of oral and poster presentations, a two-day, pre-convention Mississippian outcrop field trip with a complimenting core workshop, and several excellent workshops/short courses led by some of the best the Mid-Continent has to offer.

There will be plenty of networking opportunities to take advantage of including a Sunday evening ice breaker, Monday All-Convention Luncheon, Monday evening gathering, and Tuesday DPA Luncheon. You won't want to miss these opportunities to catch up with old friends and make new contacts.

The exhibit hall will be packed with companies showing off their newest ideas and technologies. Enjoy browsing in between talks, luncheons, and social events.

Lastly, I want to extend a sincere thank you to the Organizing Committee for this event. Without their hours of hard work, this event would not be possible. Please let them all know how much you appreciate the hours they've volunteered for this meeting.

We're looking forward to hosting this event!

Regards,

Toby Eck, General Chair





SCHEDULE OF EVENTS

- October 3-4 Pre-Convention Field Trip
October 5 Workshops & Short Courses
October 6 Workshops & Short Courses, continued
October 7 Oral and Poster Technical Sessions Begin
October 8 Oral and Poster Technical Sessions, continued





ORGANIZING COMMITTEE

Please join me in thanking the organizing committee for the 2019 AAPG Mid-Continent Section Meeting. Without their hours of hard work, this meeting would not be possible.

- Toby Eck, Shakespeare Oil Company, Inc.....General Chair**
- Doug Davis, D-EX Production Co.....Finance**
- James Beilman, Mull Drilling Company, Inc.....Sponsorships**
- Tandis Bidgoli, University of Missouri.....Technical Program**
- Franek Hasiuk, Kansas Geological Survey.....Technical Program**
- Aaron Young, Pickrell Drilling Company, Inc.....Exhibitors**
- Larry Richardson, Pickrell Drilling Company, Inc.....Exhibitors**
- Debra Fitzgerald, Independent Geologist.....Sponsorships**
- Cory Godwin, Oklahoma State University.....Mississippian Field Trip & Core Workshop**
- Jim Puckette, Oklahoma State University.....Mississippian Field Trip & Core Workshop**
- Bogdan Michka, AAPG/Webpage Authority.....Webmaster**
- Pat Morrison, Betty Hansen, Dotty Schiltz.....Spouse/Guest Activities**
- Stephanie Eck, Keller-Williams Real Estate.....Icebreaker Social**
- Tyler Selves, Hoss Geosciences.....YP/Student & Mentor Get-Together**





WORKSHOPS & SHORT COURSES

SHORT COURSE #1

Seismic Attributes as the Framework for Data Integration throughout the Oilfield Life Cycle

Date: Saturday, October 5, 8am-5pm **Instructor:** Dr. Kurt J. Marfurt, University of Oklahoma

Fees: Professionals \$85 Students FREE (limited to 20) **Lunch Included**

Intended Audience

- Seismic interpreters who want to extract more information from their data.
- Seismic processors and imagers who want to learn how their efforts impact subtle stratigraphic and fracture plays.
- Sedimentologists, stratigraphers, and structural geologists who use large 3D seismic volumes to interpret their plays within a regional, basin-wide context.
- Reservoir engineers whose work is based on detailed 3D reservoir models and whose data are used to calibrate indirect measures of reservoir permeability.
- Team leaders who wish to identify advances in machine learning technology that promise improved efficiency and accuracy in the integration of large data volumes.

ABSTRACT: <http://aapgms.org/section-meetings/2019/seismic-attributes-short-course>

SHORT COURSE #2

Geochemistry as the most useful tool for evaluating conventional and unconventional Plays

Date: Saturday, October 5, 8am-5pm **Instructor:** Dr. Wahid Rahman

Fees: Professionals \$85 Students FREE (limited to 20) **Lunch Included**

Intended Audience

- Geologists, Geophysicists, Petrophysicists, Petroleum Engineers
- Professionals working both unconventional and conventional plays with any level of experience
- Students

ABSTRACT: <http://aapgms.org/section-meetings/2019/geochemistry-short-course>





WORKSHOPS & SHORT COURSES

SHORT COURSE #3

Machine Learning/Artificial Intelligence in Oil and Gas Symposium

Date: Sunday, October 6, 8am-5pm **Instructor:** Presented by DPA

Fees: Professionals \$100 Students FREE (limited to 20) **Lunch Included**

Featured Presenters:

- Patrick Ng, Real Core Energy
- Patrick Ruty, Drilling Info
- Akash Sharma, Drilling Info
- Deborah Sacrey, Auburn Energy
- Susan Nash, AAPG
- Milad Benmaldi, Oklahoma University
- Alec Walker, Delfinsia
- Sashi Gunturu, Petrabytes
- Suni Garg, Datavedik

Intended Audience:

Machine Learning/Artificial Intelligence has been an increasingly popular, yet poorly understood topic in our industry. All who want to keep abreast of the constantly changing technological landscape of our industry will want to catch this informative symposium.

SHORT COURSE #4

Digital Borehole Geology

Sponsored by Richard Leeth and Roger Martin

Date: Sunday, October 6, 8am-12pm **Instructor:** Dr. John Doveton

Fees: Professionals \$35 Students FREE (limited to 20)

Intended Audience

- Geologists, Geophysicists, Petrophysicists, Petroleum Engineers
- Professionals interested in learning more from well logs
- Students

ABSTRACT: <http://aapgms.org/section-meetings/2019/digital-borehole-geology-short-course>





MISSISSIPPIAN OUTCROP FIELD TRIP & CORE WORKSHOP

Meramecian-Chesterian strata of Oklahoma in outcrop and core

Field Trip Sponsored by Devon Energy

Core Viewing sponsored by David Barker and Curtis Covey

ABSTRACT: <http://aapgms.org/section-meetings/2019/field-trip>

Dates: Thursday, Oct 3-Friday, Oct 4

Instructors: Dr. Cory Godwin & Dr. James Puckette

Fees: \$300

Participation Limited to 30!

Can't make the field trip? You can still sign up for the core viewing! Limited!

STOP 1: Quapaw Quarry (Ottawa Co., OK). *Uppermost part of the Moccasin Bend Fm. and Quapaw Lmst. The Quapaw is porous and oil stained. Quapaw and Moccasin Bend fall within the same biozone. Because they represent a shallowing-upward succession they highlight facies control over conodont fauna.*

STOP 2: Twin Bridges State Park (Box Lunch) (Ottawa Co., OK). *Eat lunch, overview of upper Boone Group strata, and casual look at part of the upper Boone Group. The exposure is along a series of small riverside trails, some of which provide easy access.*

STOP 3: Fairland Quarry (Ottawa Co., OK). *"Fairland facies" of the Ritchey Fm. (Boone Group) and its unconformable relationship with the Bentonville (Burlington-Keokuk) Fm. and Short Creek Oolite.*

STOP 4: Vinita Quarry (Craig Co., OK). *Porous and oil-stained Moccasin Bend Fm. (formerly mistaken for Reeds Spring) and the overlying Hindsville Fm. (Mayes Group)*

Thursday Evening: Stay at Holiday Inn Express or Hampton Inn, Pryor, Oklahoma

Friday Morning: Meet at 8:45 and drive to Pryor Quarry

STOP 6: Pryor Quarry (Mayes County, OK). *This includes multiple stops within the quarry to examine the entire Mayes Group section from the sub-Mayes unconformity (including underlying tripolitic and oil-stained Reeds Spring) through the Fayetteville Shale to the Penn unconformity.*

STOP 7: Lunch at JL's BBQ: Pryor, OK

Drive to Wichita

Saturday evening: Posters and Core Viewing

Light refreshments and beer

Review of cores and their relevance to field trip stops





Social Events—Everyone is Invited!

Opening Ceremony & Ice Breaker

With Dueling Pianos Entertainment!

Sunday, October 6 5pm—9pm

Join us for a fun evening of networking and browsing the trade show! Enjoy the food and a couple of free drinks as you catch up with old friends and make some new ones along the way.

We will kick things off with a brief opening ceremony followed by an awards presentation. After the formalities, enjoy food, drinks, and the entertainment of Dueling Pianos: a combination of music, comedy, and audience participation in a fast-paced and highly entertaining event! Songs are based completely on audience requests. It will be a sing-along, laugh-along, clap-along party!

INCLUDED FREE WITH YOUR REGISTRATION!

Young Professional/Student & Mentor Get-Together

With Concurrent Alumni Gatherings

Monday, October 7 6pm—8pm

Sponsored by Sal & Shellie Mazzullo and Friends

Young Professionals, students, and seasoned professionals alike are invited to join us for food, drinks, and great company at the YP/Student and Mentor Get-Together Monday evening! This is a great networking opportunity to connect with your next hire or get your shoe in the door for your first internship. We will have musical entertainment of course!

On the other end of the ballroom, alumni gatherings from Mid-Continent Universities will be taking place. Stop in and say hello to your old classmates and professors, and connect with fellow alumni!

BOTH INCLUDED FREE WITH YOUR REGISTRATION! (Please Pre-Register)

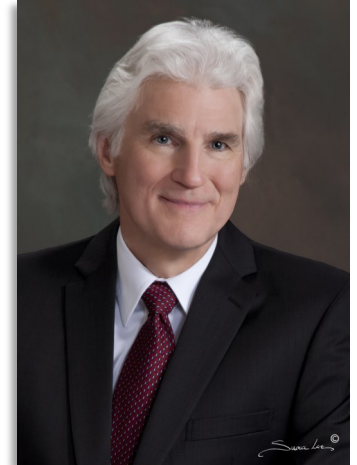




All-Convention Luncheon

Guest Speaker, Dr. David W. Houseknecht
USGS, Reston, VA

Sponsored by David Barker & Wes Hansen
Monday, October 7 11:30am—1pm



**Cretaceous Revenant in Arctic Alaska – Giant Oil Accumulations
Hidden in Plain Sight**

See the abstract at: <http://aapgms.org/section-meetings/2019/all-convention-luncheon>

Join us for lunch and Dr. Houseknecht's talk on some exciting new discoveries in Alaska!

Division of Professional Affairs Luncheon

Guest Speaker, John E. Jordan, Jr
President, AAPG DPA

Sponsored by AAPG Division of Professional Affairs
Tuesday, October 8 11:30am—1pm



**Grey Areas: Interactive Application of Business Ethics in the
Geoscience Profession**

See the abstract at: <http://aapgms.org/section-meetings/2019/dpa-luncheon>

Join us for lunch and John Jordan's interactive ethics presentation! This will be an entertaining and spirited discussion about the "grey areas". Make sure to bring a phone that is capable of texting. AAPG will provide all participants with an Education certificate.



Technical Program

Petrophysics, Diagenesis, and Chemostratigraphy of Mid-Continent Plays

Session Chairs: Karin Goldberg, Kansas State University & Franek Hasiuk, Kansas Geological Survey

Monday, October 7 8:50 am—2:50 pm

New Stratigraphic and Structural Concepts for Mid-Continent Plays

Session Chairs: Anthony Walton, University of Kansas & Tandis Bidgoli, University of Missouri

Monday, October 7 9:00 am—3:20 pm

CO2 Utilization and Storage in Mid-Continent Reservoirs

Session Chair: Tiraz Birdie, TBirdie Consulting

Monday, October 7 1:20 pm—3:50 pm

SPECIAL SESSION: Future of the Energy Industry in the 21st Century

Session Chairs: Shane Matson and/or Doug Davis

Monday, October 7 3:00 pm—5:00 pm

Monday

Advancing Mature Plays Through New Technologies

Session Chair: Sal Mazzullo

Tuesday, October 8 9:00 am—10:50 am

Tuesday

Mid-Continent Shale Plays: Woodford, SCOOP/STACK and Beyond

Session Chair: James Puckette, Oklahoma State University

Tuesday, October 8 1:20 pm—3:30 pm

Wastewater, Seismicity, and Other Challenges for Mid-Continent Production

Session Chairs: George Tsoflias, University of Kansas & Scott Ausbrook, Arkansas Geological Survey

Tuesday, October 8 8:50 am—2:20 pm

SPECIAL SESSION: Black Oil, Red Victory: The Impact of Petroleum on the Eastern Front in World War II

Session Chair: Dr. Tom Schafer, Fort Hays State University

Tuesday, October 8 3:00 pm—4:00 pm

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We're looking forward to seeing you here!

Please take the time to register now by filling out the following page and returning with payment to:

Kansas Geological Society
Attn: AAPG Registrations
212 N. Market St., Ste. 100
Wichita, KS 67202

Or email to:

frontdesk@kgslibrary.com

Need to register multiple people? You can download a pdf of the registration sheet online at:

<http://aapgmcs.org/section-meetings/2019/registration-instructions>

Should you have any questions or concerns, please feel free to contact us using the information found on our meeting website. <http://aapgmcs.org/section-meetings/2019>

At the time of publishing, there are a few exhibitor spaces remaining, and we can always create advertising spaces. If you would like to take advantage of the excellent exposure that exhibiting/advertising at AAPG Conventions provides, please visit our website for more information.



2019 AAPG Mid-Continent Section Meeting Registration

Please print this form, fill out, and mail or email to:

Kansas Geological Society
212 N. Market, Ste. 100
Wichita, KS 67202

frontdesk@kgslibrary.com

		# Attending
GENERAL REGISTRATION before September 15.....	\$300	_____
after September 15.....	\$350	_____
Students (see registration instructions).....	FREE	_____
SPOUSE/GUEST REGISTRATION (requires 1 general registration).....	\$75	_____
SHORT COURSES		
SEISMIC ATTRIBUTES (All-day 10/5; lunch included)	\$85	_____
MACHINE LEARNING IN OIL AND GAS (All-day 10/6; lunch included).....	\$100	_____
GEOCHEMISTRY SHORT COURSE (All-day 10/5; lunch included).....	\$85	_____
DIGITAL BOREHOLE GEOLOGY (8am - noon, 10/6).....	\$35	_____
2-DAY PRE-CONVENTION MISSISSIPPIAN FIELD TRIP (10/3-10/4) SPACE LIMITED!!.....	\$300	_____
CORE-VIEWING MIXER (10/5, INCLUDED w/ FIELD TRIP REGIST.) SPACE LIMITED!!.....	\$50	_____
SOCIAL EVENTS		
ALL-CONVENTION LUNCHEON (11:30 - 1pm Monday).....	\$35	_____
YP/STUDENT & MENTOR 'MEET and GREET' (Monday evening; must pre-register!).....	FREE	_____
DPA LUNCHEON (11:30 - 1pm Tuesday).....	\$35	_____
Spouse/Guest Name for Badge _____	TOTAL _____	

PAYMENT INFORMATION

FIRST NAME	LAST NAME	FIRST NAME FOR BADGE
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COMPANY/INSTITUTION	TITLE
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ADDRESS	CITY	STATE	ZIP/POSTAL CODE
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PHONE #	EMAIL (REQUIRED)
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CHECK ONE: VISA MASTERCARD DISCOVER CARD
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Authorized Signature _____

List any special needs (dietary, accessibility, or other) _____

Emergency Contact _____



Venue Information & Accomodations

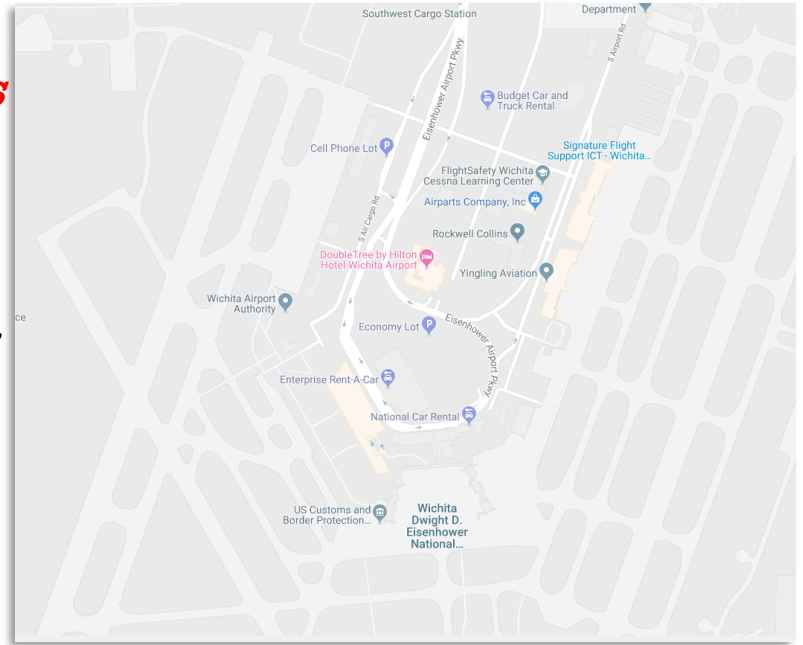
DoubleTree by Hilton

**2098 S. Airport Rd, Wichita, KS
67209**

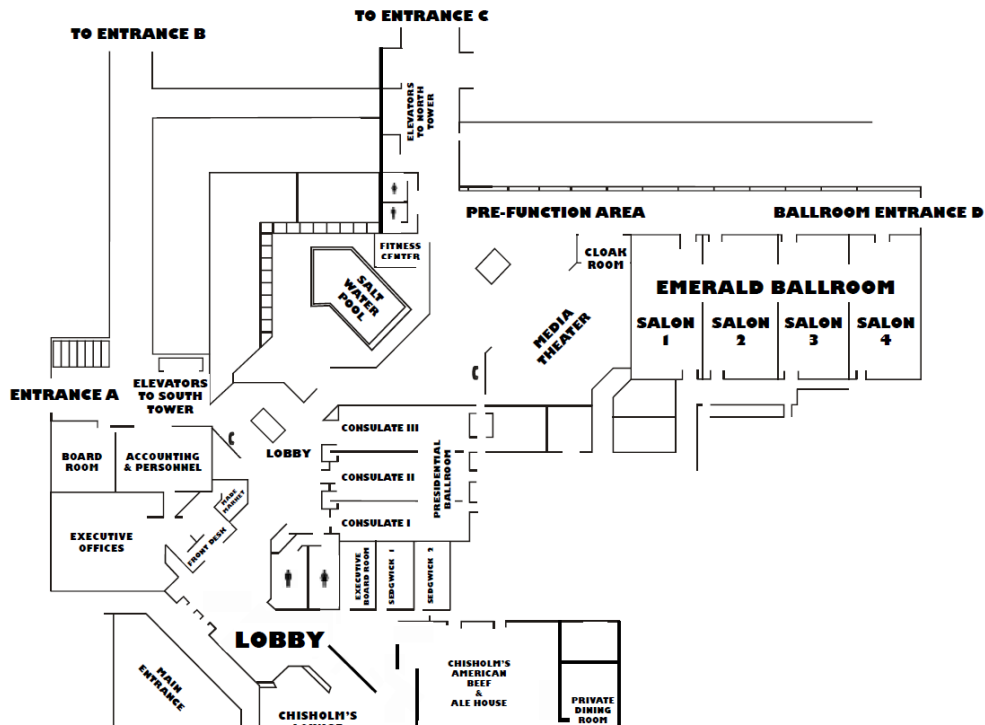
**Take advantage of discount rates by
using the 'AAPG Annual Convention'
Room Block**

Online link available at:

<http://aapgmcs.org/section-meetings/2019/hotel-instructions>



Hotel Map



REGISTER NOW!

OCTOBER 5-8 DOUBLETREE BY HILTON

WICHITA, KS

Details Inside

