

# SPE Mid-Continent Section Newsletter

March 2023 | Issue No. 482



Mid-Continent Section



[www.spemc.org](http://www.spemc.org)

# SPE Mid-Continent Section

## Executive Committee Voting Members

<b>Chairman:</b>	<b>Phone</b>	<b>E-mail</b>
Miranda Dunham, Exponent Energy		mirandabdunham@gmail.com
<b>Vice Chairman (Programs):</b>		
Brian Flake, Calyx Energy		bflake@calyxenergy.com
<b>Secretary:</b>		
Bryn Lewis, Magellan		bryn.lewis@magellanlp.com
<b>Treasurer:</b>		
Ryan Owens, Bank of Oklahoma Energy Group		ROwens@bokf.com
<b>Directors:</b>		
Nathan Buchanan, Parsage Oil Company	918-857-0434	nsbuchanan@gmail.com
Kyle Drew, Calyx Energy	214-673-2011	kyledrew@gmail.com
Charley Mathis, Thru Tubing Solutions	918-629-5853	cmathis@thrutubing.com
Hap Pinkerton, Halliburton	918-645-1715	hap.pinkerton@halliburton.com
Buck Walsh, Consultant	918-630-1495	bawalsh686@gmail.com
<b>Past Chairman:</b>		
Mike Stafford, The University of Tulsa	918-631-2604	mike-stafford@utulsa.edu
<b>Regional Director:</b>		
Robert Martinez		

## Committee Chairmen Non-Voting Members

<b>Newsletter Editor:</b>		
Betty Felber, Consultant	918-403-9199	IORImplement@outlook.com
<b>Assistant Newsletter Editor,</b>		
<b>Webmaster, Communications:</b>		
Kristi Davies, Consultant		sixgun@olp.net
<b>Newsletter Advertising:</b>		
<i>Open</i>		
<b>Social Media:</b>		
Joseph Tyree, Consultant	918-504-7171	joseph-tyree@outlook.com
<b>Continuing Education:</b>		
<i>Open</i>		
<b>Awards:</b>		
<i>Open</i>		
<b>Scholarships:</b>		
Bryn Lewis, Magellan		bryn.lewis@magellanlp.com
<b>Memberships:</b>		
Buck Walsh, Consultant	918-630-1495	bawalsh686@gmail.com
<b>Nominations:</b>		
Mike Stafford, The University of Tulsa	918-631-2604	mike-stafford@utulsa.edu
<b>IOR Conference 2024:</b>		
Tom McCoy		tfrmccoy@gmail.com
<b>Young Professionals:</b>		
Braydon Riley		braydonjriley@gmail.com
<b>Golf Tournament:</b>		
Michael Owens, Halliburton Summit ESP		Michael.Owen2@halliburton.com
<b>Sporting Clays Tournament:</b>		
Charley Mathis, Thru Tubing Solutions	918-629-5853	cmathis@thrutubing.com

SPE Mid-Continent Section | P.O. Box 575, Tulsa, OK 74101-0575 | [www.spemc.org](http://www.spemc.org)

Voting members consist of the Executive Committee. The Chairman only votes in the event of a tie. A Motion can be voted upon with a Quorum of the Voting Members present. A Quorum consists of five Voting Members present. An affirmative vote will consist of 50% of the Quorum present. Committee Chairmen and in their absence, the Committee Vice Chairmen are encouraged to attend board meetings and provide representation and committee reports. The editor welcomes newsworthy items about SPE members or events. Please provide a **draft to the newsletter editor by the 25th of the month**. Change of contact information requests should be made to SPE in Richardson, TX, 1-800-456-6863, or [service@spe.org](mailto:service@spe.org).

# Chairman's Gavel

Miranda Dunham, 2022-2023 Chairman

Hello and Happy March,

We now have the first two months under our belt. Hopefully you all are consistently writing 2023 instead of 2022. It always takes my brain a while to make this change. 2022 has proven to be interesting so far. Commodity prices have moved a lot and we are feeling the hurt of service price increases. Steel and tubular goods seem to have stopped being in such high demand, or at least that is my experience, and new technologies and ways to do things are continually being offered. In my opinion, it is an exciting time to be in our industry.

I hope you all were able to attend our meeting in February. We had the privilege to bring in Valeria out of Houston, a TU grad, to discuss the importance of CCSU: Carbon Capture, Storage, and Utilization. I knew very little on the topic but left feeling informed. It made me start wondering if I could implement any of it into my company's business model. I had a lengthy discussion with the owner of my company and am excited to see what the future might hold. Our next regular meeting will take place the fourth Wednesday of the month. So be sure not to miss it. We moved it back a week in order to miss the Tulsa County spring break time period.

We will have our annual Section Officers and Director Election coming up this May. There are a total of nine (9) positions open. The Officer positions are as follows: Chairman, Vice Chairman, Treasurer, and Secretary. There are five (5) Director positions open as well. The Election and Nominations Committee is headed by the past Chairman, Mike Stafford. If you are interested in serving in one of these positions or know a worthy nominee, please email Mike at [mike-stafford@utulsa.edu](mailto:mike-stafford@utulsa.edu).

Thank you all for being a part of our local Section. We would love to have you at any or all of the events that are offered this upcoming Spring. Networking is crucial to our industry, and we have a lot of great professionals in our Section.

Sincerely,

Miranda Dunham  
2022-2023 Chairman  
[mirandabdunham@gmail.com](mailto:mirandabdunham@gmail.com)

## SPE Mid-Continent Newsletter Sponsors

Calendar . . . . .	3
Chairman’s Gavel . . . . .	1
Editor’s Column . . . . .	3
Presentations / Meetings . . . . .	6
SPE App . . . . .	7
SPE Bookstore . . . . .	5
SPE Energy Stream . . . . .	6
SPE Membership . . . . .	4
SPE Oil & Gas Symposium . . . . .	7
SPE PetroWiki . . . . .	5
TU Spring 2023 Graduate Seminar Series Schedule . . . . .	8
TU SPE Student Spotlight . . . . .	4-5

### **SPE MID-CONTINENT SECTION NOMINATIONS REQUEST 2023-2024 OFFICERS AND DIRECTORS ELECTION**

The SPE Mid-Continent Section is requesting nominations for the upcoming 2023-2024 Officers and Directors Election. Nominations can be given for the following officer and director positions.

1. Five Directors (5 positions to be selected with the most votes)
2. Chairman
3. Vice Chairman/Programs Chair
4. Secretary
5. Treasurer

Email your nominations with contact information to Mike Stafford ([mike-stafford@utulsa.edu](mailto:mike-stafford@utulsa.edu)). **Nominations close at 5:00 p.m. on Friday, March 31, 2023.**

# From Your Editor

Betty Felber, 2022-2023 Editor

March is here already.

Our Section is meeting March 29th. Come join us at OSU Tulsa. Brian has been working to make all our meetings interesting and informative. See you there.

On another note, the next IOR Conference is coming in April 2024. The various committees for it have been working to make this in person meeting great. It is a little early to make reservations yet but keep this in mind.

Betty Felber  
Editor

## Calendar of Events

### Wednesday, March 29, 2023 - Luncheon Meeting - OSU Tulsa

- Ryan Erickson, ChampionX Artificial Lift- Leveraging Machine Learning to Identify, Diagnose and Optimize Artificial Lift Systems - (see details page 6).

### Monday, May 8, 2023 - **SAVE THE DATE**

- SPE Mid-Continent Section Golf Tournament, Meadowbrook - **Watch for details as they develop via email and in future newsletters.**

### Thursday, May 25, 2023 - **SAVE THE DATE**

- Spring Membership Event at Hunter Park in Tulsa with a BBQ dinner and a gift card raffle - **Watch for details as they develop via email and in future newsletters.**

# TU SPE Student Spotlight

**Paola Carbonara** is a senior at the University of Tulsa majoring in Petroleum Engineering with a Math Minor. Paola is the current Past Chairman of the SPE Student Chapter and also served as the Chairman of the Student Chapter of the Society of Professional Hispanic Engineers. She graduates in May and has accepted a Reservoir Engineering position in Houston with ExxonMobil, starting this summer.



Paola is from Miami, Florida. She is a 1st Generation American citizen with roots coming from Venezuela. When I asked her what stirred her interest she said that she loves math and knew she wanted to become an engineer. Also, that most her family (mother, father, grandfather, aunt) were all had been employed by Petroleos de Venezuela (PDVSA) so Petroleum Engineering was a natural course for her to pursue. And that with graduating impending in May, she finds the Petroleum Sector of business in general to be an exciting frontier for her.

She has found her reservoir engineering courses here at TU to be her favorite and she really likes Integrated Reservoir Modeling taught by Dr. Mohan Kelkar. On a personal note, Paola's favorite restaurant here in Tulsa is Nola's (on Cherry Street), she enjoys spending time on the River walk and at The Gathering Place and since the age of 10 has traveled to 9 foreign countries in Europe, Central America and South America.

Paola is not only an outstanding student but an exceptional person in that she is a mentor and role model to other students, just helping where she can. She will certainly excel in her upcoming career!



Keep your SPE membership  
producing for you.

Renew Now »

# TU SPE Professional Spotlight

**Joseph Tyree** is currently the Chairman for the newly created Social Media and Promotions Committee for both the MidContinent Section and the Improved Oil Recovery Conference. Joseph is the one that built and maintains the LinkedIn, FaceBook and Twitter accounts for MidContinent and IOR – the links and QR Codes to find these web sites are in this newsletter so check them out!.



Joseph is a hometown Tulsa petroleum engineer and earned his BSPE degree at Tulsa University. When I asked him what drew him to TU, he replied that he was always interested in Math and Science. He attended a Pre-Engineering course at TCC when he was a Junior in High School and it was at this time he met Dr. Mohan Kelkar. He was sold on becoming a TU Petroleum Engineer and the rest is history. At TU, his favorite courses were Petroleum Economics and Production Engineering.

After graduating TU in 2011, Joseph went to work for Foundation Energy here in Tulsa. He started out in Production Operations and quickly advanced through Reservoir Engineering, worked as Operation Superintendent and then on to Acquisitions. When Foundation Energy relocated their offices to Dallas in 2021, Joseph started Tyree Consulting to remain here in Tulsa. He is currently consulting for Calyx Energy and enjoys his work in Production Operations in the Arkoma Basin.



## PetroWiki

PetroWiki is a free resource from SPE to answer many basic petroleum engineering and operational questions. SPE professional members can contribute their expertise through updating or adding to PetroWiki content.

<http://petrowiki.org/PetroWiki>

# SPE Mid-Continent Section

Presentations / Meetings

## MARCH 2023

**WEDNESDAY, March 29, 2023 | Luncheon Meeting | 11:20 am - 1:00 pm.**

**Location:** OSU Tulsa Conference Center, 700 N. Greenwood, Tulsa, OK 74106. Room: North Hall 150 (An interactive campus map is available at <https://tulsa.okstate.edu/map> showing the location of the conference center and where parking is available.)

**Speaker:** Ryan Erickson, ChampionX Artificial Lift

**Topic:** “Leveraging Machine Learning to Identify, Diagnose and Optimize Artificial Lift Systems”

**Register:** To register and pay by credit card, or to make reservations to pay with cash or check at the door,\* go to <https://spemc032923.eventbrite.com>. Registration ends Monday, March 27th at 4 p.m. No walk-ins please.



The graphic features the SPE EnergyStream logo at the top, with the tagline 'The Industry's Digital Pulse'. Below the logo, it lists 'Live SPE Live SPE Event Presentations' on the left and 'On-Demand Webinars Tech Talks' on the right. At the bottom, there is a 'WATCH NOW' button with the URL 'go.spe.org/SPE\_EnergyStream' and an illustration of a person interacting with a laptop displaying a bar chart and other data visualizations.

Watch for announcements about future meetings and events in this newsletter or by email. To register and pay by credit card, or make a reservation to pay by check or cash at the door, go to the corresponding link for a luncheon. In-person luncheon cost is \$25.00 for Professionals, \$10 for Retired/Unemployed/Graduate Students, and free for Undergraduate Students. Payment by credit card is for advanced registrations ONLY, no credit cards will be accepted at the meeting, only check or cash accepted at the door with a reservation. No walk-ins please.



**Now Available:  
The SPE  
International App**

Download the new app and access  
SPE anytime, anywhere.

Download on the  
App Store

GET IT ON  
Google Play

**SPE  
International**  
Society of Petroleum Engineers

### **Now Available: The SPE International App**

The New SPE International App allows you access to SPE anytime, anywhere. It has many great benefits: access to our widely used OnePetro® and PetroWiki® platforms, the latest content from SPE magazines and publications which you can tailor to your preferences, and global networking opportunities through SPE Connect.

## **SPE Oil & Gas Symposium**

Oklahoma City Convention Center  
April 17-19, 2023

**[Register Now!](#)**



**Spring 2023 Graduate Seminar Series**  
**(PE 7220)**

Keplinger Hall, Room 3005-F  
3:30 pm – 4:45 pm

**Organizer:** Rami Younis, Associate Professor, University of Tulsa, [rami-younis@utulsa.edu](mailto:rami-younis@utulsa.edu)

Date	Speaker	Title	Affiliation(s)	Topical Areas
02/24	Hamidreza Karami	Assistant Professor	University of Oklahoma	Artificial Lift & Drilling
03/03	Bailian Chen	Staff Scientist	Los Alamos National Laboratory	CCUS, ML, and Optimization
03/10	Iskander Diyashev	Professor of Practice	Texas A&M University	Practice & Energy Transition
03/24	Caner Karacaer	Senior Reservoir Engineer	Nitec LLC	Reservoir Engineering
03/31	Mileva Radonjic	Associate Professor	Oklahoma State University	Geomimicry, Energy, Environment
04/07	Nagu Darabonia	Associate Professor	University of Tulsa	Flow Assurance, Multiphase Flow
04/14	Michael Romer	Principal Artificial Lift Engineer	ExxonMobil	Artificial Lift
04/21	Guan Qin	Professor	University of Houston	Multi-Scale Numerical Simulation

*SPE section member professional credits coordinated with Mike Stafford, [mike-stafford@utulsa.edu](mailto:mike-stafford@utulsa.edu)*

# FIND US ON OUR NEW SOCIAL MEDIA PAGES!

Stay up to date on all future events, news, and announcements!

*(Scan QR Codes with Phone Camera)*

## FACEBOOK

[www.facebook.com/SPEMidCon](http://www.facebook.com/SPEMidCon)



## TWITTER

[@SPEMidCon](https://twitter.com/SPEMidCon)



## LINKEDIN

[www.linkedin.com/company/spemidcon](http://www.linkedin.com/company/spemidcon)



*“We make a living by what we get, but we make a life by what we give.”*

*— Winston Churchill*

**SPE Monthly Bulletin No. 482**

Issue Date: March 9, 2023

SPE Mid-Continent Section

P.O. Box 575

Tulsa, OK 74101-0575