



Delta Section

# NEWSLETTER

Volume 35 No. 1

SEPTEMBER 2018

**REGISTER ONLINE:**  
<http://connect.spe.org/delta/home>

## LOCATIONS:

**North Shore:** Chevron  
100 Northpark Blvd  
Covington, LA 70433

**South Shore:** Holiday Inn Superdome  
330 Loyola Avenue  
New Orleans, LA

**Computer:** Computer Access Only  
Attend from your home  
or office

Northshore - \$20

Southshore - \$25

Computer Only - \$5

**Please remember:** All attendants must be pre-registered to attend the North Shore Live Telecast or the Southshore Live Presentation.

For questions or comments,  
please contact:

**Michael Waguespack**  
[Michael.Waguespack@wsnelson.com](mailto:Michael.Waguespack@wsnelson.com)  
Programs Chairperson 2018-19

# SPE Sept. General Meeting and Luncheon

**Thursday • September 13, 2018**

**11 am - 1 pm**

Holiday Inn Downtown Superdome  
330 Loyola Avenue • New Orleans, LA

1 PDH will be provided

## **Louisiana: State of the Oil & Gas Industry**

Speaker

**Chris John**

President

Louisiana Mid-Continent Oil and Gas Association



## **Biography**

**Chris John** was named president of the Louisiana Mid-Continent Oil and Gas Association in August 2007. Prior to joining LMOGA, Chris was managing director of Ogilvy Government Relations in Washington, D.C., representing the firm's clients in matters dealing primarily with energy legislation in Congress. Chris is a Louisiana native and former congressman, representing Louisiana's 7th Congressional District from 1997 to 2005, where he served on the U.S. House Energy and Commerce Committee. He is also a former member of the Louisiana House of Representatives, serving from 1987 to 1995, where his committee assignments included the House Natural Resources Committee.

# 2018-2019 SPE Delta Section OFFICERS and BOARD OF DIRECTORS

Section Chairperson .....	Daniel Durey .....	Shell
Section Chairperson .....	Angie Gobert .....	BSEE
Section Past-Chairperson .....	Tony Richards .....	Consultant
Program Chairperson - 1st Vice Chair .....	Michael Waguespack .....	Waldemar S. Nelson
Membership Chairperson - 2nd Vice Chair .....	Ryan Adams .....	Helis Oil & Gas
Secretary .....	Lauren Libby .....	Chevron
Treasurer .....	John Sanford .....	TAM International
Vice Treasurer .....	Lauren Woitha .....	BOEM
Young Professionals Chairperson .....	Rebecca Collins .....	BSEE
Student Chapter Liaison (LSU/Nicholls/FSU) .....	Caitlin Pappo .....	Shell
Northshore Coordinator .....	Matt Winters .....	Chevron
Communications / Internet Chairperson .....	Forna Diphicyl .....	BSEE
Continuing Education Chairperson .....	vacant	
Scholarship / Career Guidance .....	Jaime Villatoro .....	BOEM
Newsletter Contents & Advertising .....	Nick Judice .....	Hargrove Engineers + Constructors
HSE Chairperson .....	Michael Waguespack .....	Waldemar S. Nelson
Section Director 2017/2019 .....	Matt Wandstrat .....	LLOG Exploration
Section Director 2017/2019 .....	Phil Moses .....	Consultant
Section Director 2017/2019 .....	Lauren Woitha .....	BOEM
Section Director 2018/2020 .....	Henry Shurlds .....	Onesource Prof Search
Section Director 2018/2020 .....	Jan Catalano .....	ORX
Section Director 2018/2020 .....	Tony Richards .....	Consultant
Section Director 2018/2020 .....	Daniel Durey .....	Shell
ONE VOICE Chairperson .....	Jan Catalano .....	ORX
Deepwater Symposium Liasion (Aug 2017) .....	Sue Barth .....	Chevron
Sr. Advisor .....	Walt Navoy .....	Supreme Services
Golf Tournament Co-Chairperson .....	Matt Wandstrat .....	LLOG Exploration
Golf Tournament Co-Chairperson .....	Jerry Simms .....	LLOG Exploration
Active Past Chairs: .....	Jan Catalano .....	ORX
	Phil Moses .....	Consultant
	Tony Richards .....	Consultant
	Matt Wandstrat .....	LLOG Exploration




**Delta Section**

## *Our Mission*

*To collect, disseminate, and exchange technical knowledge concerning the exploration, development and production of oil and gas resources and related technologies for the public benefit; and to provide opportunities for professionals to enhance their technical and professional competence.*



## In This Issue:

SPE September General Meeting & Luncheon.....	1
Officers & Board of Directors .....	2
Mission Statement .....	2
SPE: On the Horizon.....	3
SPE Scholarship Award Winners.....	3
From the Chair .....	4
SPE Delta Section and PIPE .....	5
Culture Matters: I'm Walking the Camino de Santiago Because the Egyptians Built the Pyramids.....	6
Lafourche STEM Community Fest.....	8
Jim Rike Award Nomination: Eric Smith.....	9
Fueling Victory in World War II.....	10
Spotlight on Young Professionals .....	11
SPE's Mentoring Program.....	11
Dues Waiver / Out of Work? .....	11

# SPE: ON THE HORIZON

## SEPTEMBER

- Sept 13 ..... SPE September General Meeting and Luncheon • 11:00 am - 1:00 pm  
Northshore Live Telecast: Chevron Office • 100 Northpark Blvd • Covington  
Southshore Live Presentation: Holiday Inn Superdome • 330 Loyola Ave. • New Orleans, LA
- Sept 5-6 ..... SPE Liquids-Rich Basins Conference - North America  
The Petroleum Club • Midland, Texas
- Sept 24-26 ..... SPE Annual Technical Conference and Exhibition  
Kay Bailey Hutchison Convention Center • Dallas, Texas

## DISTINGUISHED LECTURERS SCHEDULE

- Nov 15, 2018 ..... SPE Delta Distinguished Lecturer Srikanta Mishra • 11:00 am  
"Big Data Analytics: What Can It Do for Petroleum Engineers and Geoscientists?"
- Apr 15, 2019 ..... SPE Delta Distinguished Lecturer Chris Hopper • 11:00 am  
"Resilient Projects are the Best Solution to an Uncertain World"
- Jun 10, 2019 ..... SPE Delta Distinguished Lecturer Martin Rylance • 11:00 am  
"The 'Fracts' of Life (Common Failure Mechanisms Associated with Fracturing)"

## SPE Delta Scholarship Award Winners

### *High School Students:*

- Logan H Durey**  
Archbishop Hannan High School (Covington, LA)  
Degree Pursuing: Environmental Engineering  
Exp Grad Date: May 2022
- Seth R Picou**  
South Terrebone High School (Bourg, LA)  
Degree Pursuing: Engineering  
Exp Grad Date: May 2022
- Joe A Boudreaux**  
Vandebilt High School (Houma, LA)  
Degree Pursuing: Engineering, Accounting  
Exp Grad Date: May 2022

### *University Students:*

- Gabriel D Pedigo**  
Louisiana State University  
Degree Pursuing: Petroleum Engineering  
Exp Grad Date: May 2019
- Charles R Schaub**  
Louisiana State University  
Degree Pursuing: Mechanical Engineering  
Exp Grad Date: May 2020
- Kristen M Bohnet**  
Louisiana State University  
Degree Pursuing: Petroleum Engineering  
Exp Grad Date: May 2021
- Nehaal Kathuria**  
Louisiana State University  
Degree Pursuing: Petroleum Engineering  
Exp Grad Date: May 2019

### **Molly K Smith**

Louisiana State University  
Degree Pursuing: Chemical Engineering  
Exp Grad Date: May 2019

### **Megan O McKenzie**

Mississippi State University  
Degree Pursuing: Chemical Engineering  
Exp Grad Date: May 2020

### **Derrick J Williams**

Nicholls State University  
Degree Pursuing: Petroleum Services  
Exp Grad Date: May 2019

### **Daril Nantchouang**

Louisiana State University  
Degree Pursuing: Petroleum Engineering  
Exp Grad Date: May 2019

### **Maxwell LK Nodier**

University of New Orleans  
Degree Pursuing: Mechanical Engineering  
Exp Grad Date: May 2019

### **Spencer P Link**

Louisiana State University  
Degree Pursuing: Electrical Engineering  
Exp Grad Date: May 2019

### **Cody L Anderson**

Louisiana State University  
Degree Pursuing: Petroleum Engineering  
Exp Grad Date: May 2019

### **Brooke H Doyle**

Louisiana State University  
Degree Pursuing: Petroleum Engineering  
Exp Grad Date: May 2019



## FROM THE CO-CHAIR ANGIE GOBERT

Welcome Back Fellow SPE Delta Section Members!

Here we are ready to begin our 2018-2019 session! It is an honor that Daniel and I will represent you as Section co-Chairs. We look forward to the good work that we will accomplish this year in the areas of disseminating and exchanging technical knowledge within our Section concerning the oil and gas energy industry, educating our community on the related benefits of the industry (in which we all play or have played an important role in), supporting those who will follow in our footsteps, and providing opportunities for you to enhance your technical and professional competence. Quite a tall order, but as members of the Delta Section working together we can accomplish our mission.

We have one primary goal and objective this year, i.e., to recruit new members and engage more of you in our efforts to accomplish our mission.

To all of the dedicated volunteers on the Board, we are privileged to work with you. The success of recruitment and engagement of members begins with the Board working together to inform, invite and encourage others to partake in the general meetings, to promote and serve our community alongside others in the industry, and to address member and potential member concerns and interests, as we intentionally share the benefits of our professional and world renowned Society.

To all of the members, we are 535 strong and we look forward to seeing more of you throughout the year. If you are able to assist the Board in anyway, i.e. any ideas, any extra time, or any feedback, please let us know. We want to enhance the value of your membership. Also, there are a few vacant positions on our Board and committees needing support. We welcome new faces, new ideas, and different perspectives to the Board. You can contact either Daniel or me or any other Board member to express your interest in joining

the Board. Our contact information is listed in the newsletter.

The Delta Section Board is committed to serve its members and to carry out the SPE International mission. This year we will have dynamic SPE International Distinguished Lecturers delivering current information of advances in the industry. We will continue our PIPE and STEM support and participation combining our efforts with other oil and gas associations. Plans are to hold a BSEE and SPE Delta Section Continuing Education forum on a relative topic, to engage with the SPE Delta Section sponsored student chapters of LSU, NSU, and FSU, to maintain a presence and educational support in conjunction with AADE on UNO's campus with the pre Petroleum Engineering courses, and to hold our annual golf tournament that brings in revenue which supports various Petroleum Engineering Departments at universities around our region. We will also co-sponsor the Gulf of Mexico Deepwater Technical Symposium in August of 2019. If any of these mentions are of interest to you, please contact the appropriate committee chair for additional information.

A very quick and hot summer is coming to a close and a hopefully uneventful and cool fall is quickly approaching; football is in the air and Gulf of Mexico's deepwater and shelf activity is steady. We have new young professional members, previous members returning to the Section, prospective members, and new faces on the Board. It's a good life for Delta Section and the GoM oil and gas industry.

Thank you for being members of this Section! We are better together and together we will accomplish more. We look forward to a great year and to the many rewarding experiences ahead of us.

All the best,  
**Angie D. Gobert**  
 2018-2019 SPE Delta Section Co-Chair



As you know, SPE-Delta is committed to promoting Energy Education. We do this on our own and in association with other societies under the name of PIPE. This coming year there are many opportunities to volunteer and sponsor various STEM (Science, Technology, Engineering, and Math) events.

In December, the Louisiana FIRST LEGO League (FLL) middle-school robotics program is in high gear. The LA State Championship will be held in New Orleans and is open to 60 teams of 9-14 year olds who have advanced from a sanctioned LA FLL Qualifying Tournament. This is the 30th season of the FIRST LEGO robotics tournament and the mission is INTO ORBIT. The Challenge has three parts: the Robot Game, the Project, and the Core Values. Teams of up to ten children, with at least one adult coach, participate in the Challenge by programming an autonomous robot to score points on a themed



playing field (Robot Game), and develop a solution to a problem they have identified (Project). For more info go to: <http://www.firstlegoleague.org/challenge>.

SPE-Delta helps sponsor this competition which promotes STEM (Science, Technology, Engineering, and Mathematics). Please plan to attend and support these teams as they operate under the FIRSTLEGO League signature set of Core Values, celebrating discovery, teamwork, and gracious professionalism. Better yet, plan to volunteer! Volunteers are also needed as judges, judge assistants, scorekeepers, crowd control, timekeepers, referees, pit managers, greeters, floaters...and many other positions.

The Greater New Orleans Science and Engineering Fair (GNOSEF) will take place February 18-20, 2019. Volunteer are needed to help judge projects for the fair relating to the oil and gas industry.

Also, plan to attend and volunteer for the Bayou Regional Robotics Tournament which will be held March 21-23, 2019, at the Pontchartrain Center. This event combines the excitement of sport with the rigors of science and technology. Under strict rules, limited resources, and time limits, teams of 25 students or more are challenged to raise funds, design a team "brand," hone teamwork skills, and build and program robots to perform prescribed tasks against a field of competitors. It's as close to "real-world engineering" as a student can get. Volunteer professional mentors lend their time and talents to guide each team. For more information go to: <http://frcbayouregional.com/>.



## CULTURE MATTERS

# I'm Walking the Camino de Santiago Because the Egyptians Built the Pyramids

Howard Duhon, P.E.

I have decided to walk the Camino de Santiago, or to be more precise, the Camino Frances. The Camino Frances is one of several ancient pilgrimage routes to the Cathedral de Santiago de Compostella in NW Spain. Legend has it that the remains of St. James are interred there. People have been making the pilgrimage for over 1000 years. Today it is a major tourist draw.



The Camino Frances is the most popular of the several caminos. It begins in St. Jean Pied a Pois and runs about 790 km (500 miles).

### Why?

People take the walk/pilgrimage for different reasons. For many it is a religious experience. And many others walk it for secular reasons. The Camino is a relatively easy walk (at least compared to some mountainous trails). It is very well supported with places to eat, drink, sleep, etc. It is historic. And it is safe. Plenty of good reasons to walk there other than religious reasons.

### Why am I doing it?

When people ask me why I'm doing it, I frequently answer, "because the Egyptians built the Pyramids!" That is not the proximate reason, of course. But, in a metaphorical sense, it is exactly why I'm doing it.



### The Egyptians Built a Great Empire Because They Built the Pyramids

I recall learning about the Egyptian pyramids as a kid and marveling at the waste. What fraction of their wealth did they squander on building tombs? I suspected that the cost of building the pyramids must have led to a premature downfall of that great civilization. But that view ignores the systems aspects of pyramid building. The opposite view is probably the more accurate – the skills that the Egyptians needed and developed in order to build the pyramids propelled them to other great achievements. These skills include stone quarrying, water-borne transportation (to move huge stone slabs), logistics and supply, construction skills, project management, trade.

It may well be that they were great because they built the pyramids and not the other way around.

### Example – Mission to the Moon

The US mission to land a man on the moon is a similar example. There was no direct benefit from going to the moon. But we were, and still occasionally are, reminded of some remarkable

spinoff technologies. In 1979, science fiction author Robert A. Heinlein appeared before Congress after recovering from one of the earliest known vascular bypass operations to correct a blocked artery. He claimed that four NASA spinoff technologies made the surgery possible.

Necessity is the mother of invention. We solved some problems because we needed to solve them to get to the moon.

### Crossing the Sahara

Charles Duhigg starts his book *Power of Habit* with the story of a young woman. She has a dead end job. Her life style is unhealthy. She is obese. She is depressed. On a vacation in Egypt she decides that she will come back to Egypt and cross the Sahara Desert.

She doesn't know how she will cross the desert. She does know that she will have to get in shape to do it. She starts working out, eating healthier food, she loses weight, she gains self-confidence, gets a better job.

Crossing the Sahara provided her no direct benefit. Indirectly it completely changed her life.

### What is Your Mission

My Camino de Santiago hike is still a few months away, but it has already yielded large benefits. I've met friends of friends who have done it and are eager to share their experiences.

Since I made the commitment several months ago I've worked out almost every day. The simple commitment to make this walk has resulted in more workout time than all of my New Year's resolution put together.

And that really is why I'm doing it. The Egyptians became great because they had to be great to build the pyramids. It is by extending ourselves outside our comfort zone that we grow.

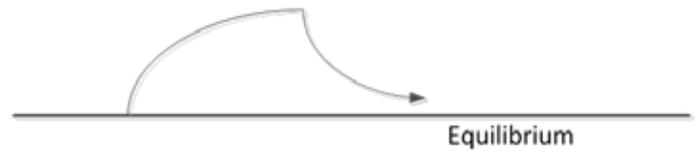
### Planning Does Not Produce Change

I think that the right take-away is this:

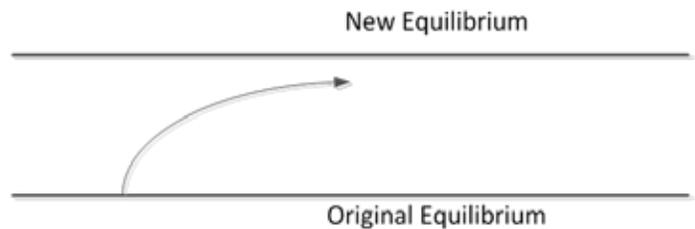
***If you want to create a change in yourself or in your company, planning is not the way to do it. The key to making a change happen is to change the environment.***

We all tend to believe that careful planning is the key if we want to accomplish some change. It is not. Think of it in terms of equilibrium.

If you try to make a change without changing your environment (equilibrium not changed), you will likely make some initial progress, but eventually the world pulls you back into equilibrium.



But if you manage to change the environment such that a new equilibrium is created, then the driving force is in the direction of goodness. Early progress is much more likely to stick.



I think back to all the times that I tried to get in shape without having a cause. In many cases I made elaborate plans detailing the exercises I would do the first month and the second and third. I rarely even made it into the second month. This time is different because the environment is different. I am no longer a guy who wants to get in shape for nebulous reasons. I am a guy who is going to walk the Camino de Santiago and needs to be in shape to do so.

### Have You Walked the Camino?

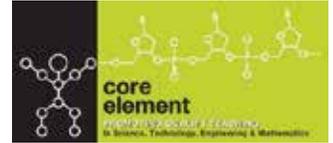
If you have walked the Camino or are planning to do so, I'd love to hear from you. Contact me at [hjduhon@gateinc.com](mailto:hjduhon@gateinc.com)





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**Shell**

Sponsored by  
**Core Element**



# Lafourche **STEM** Community Fest

Science | Technology | Engineering | Math

Lafourche Parish Career Magnet Center • 6419 Hwy 308 • Lockport, LA 70374

## September 22, 2018

### 9 am to 12 pm

### ***VOLUNTEERS NEEDED!***

If you're interested in volunteering, please contact Jan Brenan at [jan.brenan@core4kids.org](mailto:jan.brenan@core4kids.org)

### **Exhibitor Information**

Name of Organization: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Title: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip code: \_\_\_\_\_

Contact email: \_\_\_\_\_ Contact phone: \_\_\_\_\_

Exhibit Leader Name: \_\_\_\_\_ Cell phone: \_\_\_\_\_

Subject/Topic: (e.g.: Electricity, Plant Sciences, Coding, STEM Careers, Energy, Chemistry, Engineering, etc.)

Activity planned: (Please give specifics)

Indicate Targeted Grade-level(s): \_\_\_\_\_

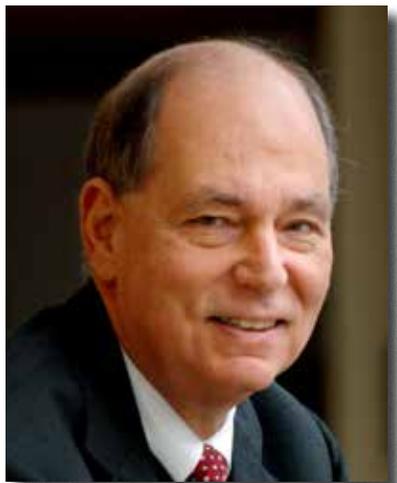
Number of tables needed: \_\_\_\_\_ Number of chairs needed: \_\_\_\_\_ Electricity needed: Y  N

How many will be assisting your exhibit: \_\_\_\_\_ Names of other team members attending: \_\_\_\_\_

Time needed to set-up exhibit and activity: \_\_\_\_\_

Special needs or consideration for your exhibit: \_\_\_\_\_

Suggested organizations and contact name/information you would like to invite to this event:



## Jim Rike Award Nomination for Professor Eric Smith

**TULANE UNIVERSITY**, New Orleans, La., MBA in Finance and Marketing, 1965-67  
**GEORGIA INSTITUTE OF TECHNOLOGY**, BS in Chemical Engineering, 1961- 1965

In his work for Tulane, Professor Smith draws on 36 years of experience in the petrochemical industry and in the international offshore drilling and construction sectors. He serves as the public face of the Tulane Energy Institute, responding to local and national media on energy-related questions. He has an unrivalled understanding of the energy business and is an effective communicator and advocate for our industry.

He has worked with organizations such as Saipem, J. Ray McDermott, Global Industries, the CRP Group, and Torch Inc, as well as petrochemical companies including Allied Chemical and the Ethyl Corporation. He has also supported reverse trade missions involving Pakistan, South Africa (twice), and Ghana, all sponsored by the U.S. Trade Development Agency

A Freeman alumnus, as well as a Chemical Engineering graduate of Georgia Tech, Professor Smith was teaching night classes at Tulane when the Dean of the Business School asked him to become the first employee of the new Energy Institute. He joined to lend his practical expertise to the program, drawn from many years of service to the energy industry – both domestically and internationally.

In addition to teaching in the Energy Specialization program, Professor Eric N. Smith also participates in the Masters of Management in Energy effort and continues to produce essential reports, mostly dealing with market structure and energy policy options.

March 2005 – Present

**A.B. FREEMAN SCHOOL OF BUSINESS**

Professor of Practice and Associate Director of the Tulane Energy Institute. Initially served as Consultant to the Dean, Dec.2003 - March 2005.

Jan. 2003 - Dec. 2003

**GLOBAL INDUSTRIES, LTD.**

VP-Strategic Planning, Houston, Texas,

July, 2002 - Dec. 2002.

**THE CRP GROUP LTD.**

VP-Business Development, Houston, Texas

Aug., 2000 - Dec., 2001

**TORCH OFFSHORE, INC.**

Executive Vice President, New Orleans, Louisiana

1995-2000

**SAIPEM, SpA**

President and Chairman of US subsidiary based in Houston, Texas 1998 - 2000.

Manager-Market Analysis and Strategic Planning, at Saipem's headquarters in Milan, Italy, 1995-1998.

1996 - Present

**INTERNATIONAL MARITIME ASSOCIATES**

Director. IMA is a Washington DC based maritime consultancy best known for the tracking of all floating production systems, worldwide.

1994 -1995

**DELTA ENERGY MANAGEMENT, INC.**

Executive Vice President, New Orleans, Delta focused on offshore platform removal.

1984-1994

**MCDERMOTT INTERNATIONAL, INC.**

New Orleans, Louisiana. Manager, Market Analysis & Development, from 1992-1994.

Senior Planner, 1989-1992, and Senior Treasury Analyst, 1984-1989.

1979-1984

**ETHYL CORPORATION**

Baton Rouge, Louisiana. Director of Business Development, from 1982-1984, and Director of Finance, 1979 - 1982.

1967-1979

**ALLIED CHEMICAL CORPORATION** (now Honeywell)

Progressive assignments in Finance and Marketing Administration, for the Synthetic Fibers Division in New York City. Later, joined Corporate Headquarters, in Morristown, New Jersey, where he served in the planning department and also ran their captive Venture Capital operation.



**VOLUNTEERS NEEDED**

## Fueling Victory in WWII: Production & Use of Oil in WWII

The National WWII Museum in New Orleans is a remarkable place. It contains snippets of oil's role in winning the war, but not much of that story.

Armies, navies, air forces consume vast quantities of resources. Oil - lots of it - was required to make the victory possible.

SPE Delta is launching a study to develop the story of fuel, oil in particular, in winning WWII.

We are looking for volunteers willing to dive-in and research this piece of

history to tell the story of how much was needed, where it came from, how it was found, produced, refined, conserved, transported, and fought over, how it affected military strategy and about the people who made it all happen.

We hope that eventually the story we develop will be presented in the National WWII Museum.

This is likely to be a multi-year effort. Our first goal will likely to be development of a short documentary video.

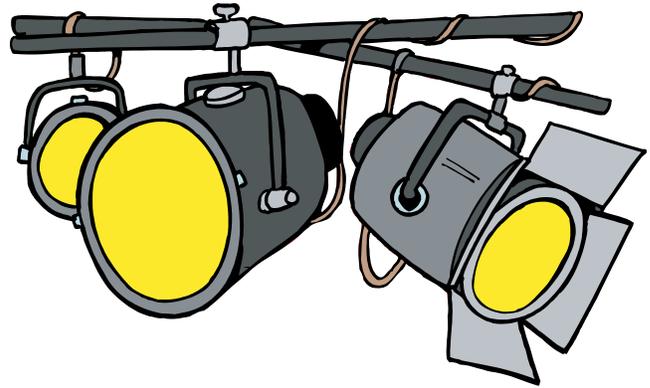


Delta Section

If you would like to be involved,  
please contact **Daniel Durey**  
at [daniel.durey@shell.com](mailto:daniel.durey@shell.com)



**Delta Section**



## Spotlight on Young Professionals

Do you know a young professional who deserves to be put in the Spotlight? If so, suggest them (or yourself) to be featured in the “Spotlight on Young Professionals.” Help us identify worthy young professionals by submitting your story today for a chance to be featured in The Way Ahead™.

*Learn more at <http://www.spe.org/members/yps.php>*



**Volunteering Looks Good on You.**  
Engage Support Contribute

## Become a Mentor through SPE’s eMentoring Program

eMentoring gives SPE members a way to contribute to the E&P industry by sharing industry insights and practical career advice with young professionals, or by helping university students with academic and career direction. Young professionals also have the unique opportunity to serve as mentors to students.

Join the program today by going to <http://www.spe.org/ementoring/>

## Dues Waiver

SPE offers a dues waiver for renewing members who have lost their jobs due to the industry downturn and other circumstances. To qualify, submit a written request by either postal mail or email to [service@spe.org](mailto:service@spe.org).

## Out of Work?

Check out the Members in Transition Toolkit at <http://www.spe.org/members/transition/>. Learn how to optimize your job search, develop your network, enhance your skills, and thrive in a downturn.