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# THE API INION

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## AMERICAN PETROLEUM INSTITUTE - DELTA CHAPTER

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### Upcoming Events

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#### 13th Annual Sporting Clays Tournament

June 10, 2017

Covey Rise Lodge - Husser, LA

\* One-person registrations is welcome! Minimum age 14 years old.

\* Sponsorships available at different levels

\* This event offers a wide range of competition and fun for family or an individual.

The tournament opens at 1:00 p.m. on Friday the 9th with registration and practice

course until 4:00 p.m. On Saturday the shooting time is promptly at 9:00 a.m.

Shooters should be ready for safety meeting at 8:30. The 5- Stand, Flurry and Long

Bird will close at 12:30 p.m. on Saturday.

### Membership

API-Delta Chapter's 1-year membership renews in January of each year. The cost of this membership is \$50 per year or \$95 for a 2-year commitment. With less than 100 paid members in our database of over 1,000 people, we are asking that our fellow industry professionals consider API's place as a non-profit professional organization involved in all aspects of the petroleum industry. Our objective is to positively and actively promote education through volunteerism, philanthropy, and community outreach. We take a special interest in educating the public in fields of study relating to Oil & Gas. Our chapter hosts three annual multi-organizational luncheons, which facilitate the sharing of knowledge, growth, and support among members of our industry in the community, but funds are not raised at these meetings. Our chapter simply tries to be the leader in organizing and hosting these events with a breakeven balance. Throughout the year, we rely on our members to donate their time, talents, and resources to the many causes you will read about in this newsletter. Without our paid members, we cannot feasibly go forward with supporting our area's teacher, student, and energy-related events. The board has taken careful consideration in every aspect of our budget, making cuts to each supported program. Please log on to API-Delta's website today and become a paid member, and please invite your peers to join us.

<http://www.api-delta.org/forms/members.asp>

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## A LETTER FROM THE CHAIRMAN, PAUL WIEG

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What will 2017 represent for the petroleum industry? As this is written, the price of WTI crude is struggling to maintain a level around fifty dollars per barrel, and although rumors suggest some of us in the upstream business are facing another round of layoffs, most of us are hoping for the best and believe the next few years will be better than the last. With rancor in our politics and an unsettled global economy, there is undoubtedly plenty of room for uncertainty in the near term future of the oil and gas business, but if there is a common trait we all share, and have shared since the early days of the oil and gas business, it is perseverance. Perhaps that is a good word for the API Delta Chapter this year - persevere.

It is in this context that we ask for your continued support in 2017 - through participation in our traditional events (the Clay Shoot and the Golf Tournament), by paying annual dues, and by supporting API Delta Chapter corporate sponsorship. Many of you may not know this, but the API Delta Chapter has no paid staff and very little overhead - virtually all of our income is redistributed to charities we support. And what are those charities? Most of our contributions are associated with education in the greater New Orleans area, specifically education in the science and technology areas when possible. This year we are continuing our support of local area Children's Museums (the Bayou Country Children's Museum, the Louisiana Children's Museum in New Orleans, and the planned Children's Museum of St. Tammany), the Greater New Orleans Science and Engineering Fair held on the UNO Campus, and awards to teachers within an eight parish area (Teacher of the Year Award). An additional significant amount of money in the form of scholarships will be given to students from the community who are pursuing science and engineering degrees, and we are also supporting Bayou Regional robotics, NACE Camp, and BLAST.

Our focus on education-related charitable giving sets the API Delta Chapter apart, I believe, from other local petroleum industry professional societies. What else sets us apart? Unlike other local petroleum industry professional organizations which cater to specific disciplines, the API Delta Chapter solicits participation from disciplines represented by all professionals in the oil and gas business, from engineers and geoscientists, to accountants and product line specialists, in both the upstream and downstream sectors of the business. This provides a unique opportunity for industry professionals to meet others they may not be able to interact with in the normal course of business, which can be an enriching and broadening experience - this aspect of our organization is something I would like to see nurtured through additional social events in the future. Further, this interdisciplinary effort is manifest by our traditional role of enhancing communication with other allied organizations in south Louisiana and by hosting the Joint Society meeting each fall.

Finally, I would like to observe that our slate of officers and board members this year appears to be the youngest group we've had since I began being involved in the Delta Chapter four years ago. I am very encouraged by this, not only for what the enthusiasm of these newly active members represents, but for our industry as a whole - in spite of the recent losses we have endured in our ranks, there are still younger folks willing to engage in their careers and the future - this bodes well for our industry. Persevere indeed.



## PIPE Family Fun Eat & Run

### What is PIPE?

PIPE is a collaborative effort among the petroleum industry societies, corporations and the education community. A sub-committee, whereby societies and corporations pool their efforts and inform the teachers and schools about the resources available within the industry to help with education, in particular, energy education.



# PIPE 2nd Annual Family Fun Eat & Run

The Petroleum Industry Promoting Education (PIPE) Committee came together for their 2<sup>nd</sup> annual Family Fun Eat & Run in New Orleans, at the historic City Park on the Fair Grounds, near the future site of The Louisiana Children’s Museum (LCM). The committee provided a variety of food and drinks to over 200 runners and their families. It also donated 100% of the event’s profits to the energy-related exhibits currently being designed for the LCM and CMST, as well as to the Bayou Country Children’s Museum.

In addition to benefitting and educating local families, these exhibits will reach thousands of tourists and teach them about the positive impacts of the Oil & Gas Industry on society and its daily contributions to the environment. This event is all about bringing families together and making an impact on future generations of thinkers and their parents as they experience Louisiana’s children’s museums.



## Awards

Three awards were presented for Senior Division projects related to energy:

- Chairman's Award—recipient and teacher each receives \$125
- Distinguished Project Award—recipient and teacher each receives \$75
- Honorable Mention Award—recipient and teacher each receive \$45



## Greater New Orleans Science and Engineering Fair (GNOSEF)

API-delta chapter members were honored to carry out API's mission of encouraging education by supporting one of the oldest Science and Engineering Fairs in the country. The Greater New Orleans Science and Engineering Fair celebrated its 61<sup>st</sup> Anniversary this year and had a great showing from Jefferson, Orleans, Plaquemines, and St. Bernard Parishes. Four judges represented our API-delta chapter, including Michael Johnson, Meagan Kohls, Travis Raiford, and Tessa Wiggins.

Students presented their research and were judged based on their understanding of the science relevant to the project, the ability for their project to involve further research, the degree of independence in conducting their research, and their responses to questions. Three senior division students received awards and are recognized herein.

### Chairman's Award

Alexander Walker, Patrick F. Taylor Science & Technology Academy

Project Title: How do different materials used as proton exchange membranes affect the efficiency of PEM hydrogen fuel cells?

### Distinguished Project Award

Jasmine McGowan, Patrick F. Taylor Science & Technology Academy

Project Title: How much electricity is produced per pascal using piezoelectric rochelle salt, and how can this be manipulated?

### Honorable Mention Award

Ashton Austin and Cullen Johnson, John Curtis Christian  
Project Title: The Power of Hydroelectricity



## Rick Fowler

### A TRUE LEADER OF SERVICE

- API Delta - 8 years, Chairman 2 years
- SPE - 32 years, Chairman in 2000 Chair ATCE - 3years, Officer - 4 years
- SPE Regional Management & Information Award in 2008
- SPE Regional Service Award in 2015
- SPE Mentoring - 3 years
- American Society Mechanical Engineers - 32 years
- American Association of Petroleum Geologist - 13 years
- Board Member, Gulf of Mexico foundation - 10 years
- BOD, Boys and Girls Club GNO area - 3 years
- Chairman, Deep Water Symposium 2001
- OTC Program Committee & Session Chair - 3 years
- OTC Next Wave Program - 5 years
- Parents Club at local schools - 12 years
- Coached youth sports - 5 years
- Knights of Columbus - 4 years
- Chairman & Initiator, PIPE Family Fun Eat & Run fundraising event

## Meritorious Service Award Luncheon

The Meritorious Service Award Luncheon is a great afternoon for the API-Delta Chapter and the other 23 Oil & Gas Industry associations that come together to recognize a deserving individual who has dedicated a large amount of time and effort to our community and who enriches the world with outreach. When considering a deserving candidate of the Meritorious Service Award, we seek to find an individual who has distinguished himself both in professional life and in his community, through involvement and charitable giving.

It was no surprise that 2017's recipient, Rick Fowler, drew a crowd. LLOG CFO and Treasurer Philip LeJeune introduced Rick, who gave an entertaining presentation about his career before receiving his award from API-Delta Chairman, Paul Wieg. Rick is a graduate of Tulane University and currently the VP of Deepwater Projects for LLOG Exploration. At LLOG, Rick was involved with the installation of the deepest water spar in the world, setting engineering milestones with the Independence Hub and two of the top five Offshore Projects in the world, Delta House and Who Dat FPS.

Along with Rick's technical and managerial accomplishments, he has a long list of distinguished service within professional societies and among the Greater New Orleans community. Rick often gives lectures at Tulane's Energy Institute and was awarded for raising the most money through his participation in "Men Who Cook" benefitting Hope House in 2015. Rick has presented to over 20 industry groups, written four technical papers presented at OTC, and recently won the best presentation award at Topsides 2017. Rick's profoundly meaningful years of service are a testament to his character and deserving of our recognition.

## Teacher of the Year Award Winners

### Lafourche:

Chairman's Award: Katy McCarthy  
Distinguished Teacher: Bobbie Babin

### Jefferson:

Chairman's Award: Ellen Watkins  
Distinguished Teacher: Erica Schmitt

### Orleans:

Chairman's Award: Kelly Bergeron  
Distinguished Teacher: Aundra Harris

### Plaquemines:

Chairman's Award: Ashley Bruley  
Distinguished Teacher: Christopher Huff

### St Bernard:

Chairman's Award: Kelsey Klein  
Distinguished Teacher: Alexis Duque

### St Charles:

Chairman's Award: Latanya Williams  
Jenkins  
Distinguished Teacher: Stacy Yarbrough

### St Tammany:

Chairman's Award: Martha Boucher  
Distinguished Teacher: Marty Mangus

### Terrebonne:

Chairman's Award: Charlie Positerry  
Distinguished Teacher: Ashley Clement

### Private/Parochial:

Chairman's Award: Christie Foret  
Distinguished Teacher: Marcey  
Zeringue

## 2017 Teacher of the Year

The API Teacher Award Program was established by the API-Delta Chapter in 1987 to pay tribute to and to reinforce outstanding teaching in the metropolitan area. Following Katrina, there were several years when the awards were not presented. Since the institution of the awards program, there have been many changes in the program's process and geographic reach.

What *has* remained constant is API's commitment to classroom teachers by encouraging excellence and recognizing the untiring efforts of educators who provide quality services to students with minimal compensation and, often, who supplement materials using their own resources. The annual API program presents awards for two categories: Distinguished Teacher Award (\$250), and Chairman's Award (\$500).

Teachers, after being nominated by district and school leadership teams, complete and submit an application packet. A committee of API-Delta Chapter members review, score and rank the application packets using selection criteria which include commitment to teaching, resourcefulness, professional involvement and community service.



## 2017 HANDS-ON STEM SUMMER CAMPS

**Register Today!** Core Element's unique summer camp model engages both students and teachers as they discover how to build and program robots and learn to code using popular web-based technologies.

Working together in teams, Core Element's Hands-On STEM Summer Camp sessions help students develop critical skills in reasoning, analytical thinking, leadership and team building. Students also meet local STEM professionals who help them equate their interest in math or science with possible STEM careers.

Teachers who attend the camp work and learn as "students." This hands-on professional development opportunity will help teachers integrate Louisiana's new science standards and create hands-on, minds-on STEM experiences for the classroom. During robotics camp sessions, teachers also learn how to develop a robotics team at their school to participate in robotics competitions.

The Core Element Hands-On STEM Summer Camp fee is \$350 per student for a week-long session with a \$25 non-refundable deposit required at the time of registration. A limited number of full and partial, need-based student scholarships are also available.

There is no cost for teachers to participate, however a \$25 registration fee is required. The teacher registration fee will be returned to teachers at the completion of the camp(s).

Core Element Hands-On STEM Summer Camps are presented by **Shell** and sponsored by **IEEE, Lockheed Martin, Entergy, Schlumberger, ATMOS Energy, Valero and The University of New Orleans.**



## 2017 HANDS-ON STEM SUMMER CAMPS

### Session 1:

**Junior STEM Camp (Grades 3-5) June 19-23, 2017; 9 a.m. - 3 p.m.** Campers will utilize different STEM applications to introduce engineering and programming skills and develop teamwork and critical-thinking skills. **WEDO™** Robotics Campers will use LEGO™ WEDO robotics kits to explore robotics while they build working models that incorporate working motors and sensors; program their models to complete specific tasks, and explore theme-based activities as they develop problem-solving and critical thinking skills. **littleBits™** Campers will explore electronics, circuits and creative design with littleBits electronic modules. The littleBits platform of electronic building blocks is comprised of color-coded electronic modules for specific functions (like motion, lights, sound, sensors, and internet connectivity) that snap together to make larger circuits. Campers will engage in projects that develop STEM literacy and critical thinking skills and foster creativity.

### Session 2:

**Coding Camp (Grades 6-9) June 26-30, 2017; 9 a.m. - 3 p.m.** Campers will learn to code by building and deploying their very own web games using popular web-based technologies: HTML, CSS, JavaScript, and create graphics with Canvas API. No prior programming experience required. Coding Campers will learn the fundamentals of computer programming to by making games. They will design, program and launch web games and deploy their creations to the internet to share with friends. Campers will also create your own 2D sprite sheets and sound effects for use in their game. Plus, campers will develop algorithms that define a game's rules and logic, learn the common architecture of a video game from the ground up, and participate in team-based programming projects!

### Session 3:

**Introduction to EV3 Robotics (Ages 10-13) July 17-21, 2017; 9 a.m. - 3 p.m.** Campers will learn how to build and program autonomous robots using LEGO™ EV3™ robots and MINDSTORMS™ Education Software. Participants in this weeklong session will get instruction and hands-on practice with activities that will allow them to build and program robots. Campers will get information, tips, and ideas on how to enhance their team competition experiences and work in small teams to promote FIRST® Lego League's signature set of Core Values.

### Session 4:

#### **NEW! High Tech Robotics with TETRIX (Grades 7-10) July 24-28, 2017; 9 a.m. - 3 p.m.**

The High Tech Robotics with TETRIX camp is designed for students who have prior robotics experience either through previous Core Element Summer STEM Camps, other summer robotics camps, participation on a FIRST Lego League team or a strong interest in robotics and computer programming. Students will work with TETRIX robots which use more advanced materials and JAVA programming. Students who are members of a FIRST TECH CHALLENGE (FTC) team or who would like to help start an FTC team at their school will experience the build and JAVA programming that is needed in the FTC Competitions. Campers will develop and refine techniques to take their robotic skills to the next level. Participants develop teamwork skills as they explore methods to problem-solve best approaches to mission tasks and design and program better ways to complete those tasks.



## **API DELTA ANNOUNCES SCHOLARSHIP WINNERS**

The American Petroleum Institute - Delta Chapter Scholarship Committee recently announced the winners of this year's President's Scholarship Award for 2017-2018 school year. The API - Delta Chapter scholarship program is designed to help students of exceptional promise to reach their full potential through education. Scholarships are awarded for a wide variety of experiences, career goals and higher education plans. Candidates pursuing careers in Math, Science and Engineering will be given a higher preference.

The API - Delta Chapter understands the financial challenges facing college students today. Funds from the annual Sporting Clays and the Golf Tournaments help to fund the scholarship program.

The scholarships are given for a wide variety of experiences, career goals and higher education plans. Scholarships are awarded to incoming College Freshmen or a student who is currently attending a four-year accredited college, working towards a Bachelors or Masters degree. The winners this year are:

**Edwin Bomer**

Baton Rouge, LA | Louisiana State University

**Madison Casabat**

Mandeville, LA | Louisiana State University

**Lindsey Duracher**

Metairie, LA | Louisiana State University

**Crisiana Edison**

Hattiesburg, MS | Nicholls State University

**Eli Guidry**

Breaux Bridge, LA | Nicholls State University

**Terrence Hicks**

Lafayette, LA | University of Louisiana

**Brennan Langlinois**

Youngsville, LA | University of Louisiana

**Lesley Long**

Gray, LA | Nicholls State University

**Meagan McKenzie**

Pearl River, LA | Mississippi State University

**Maxwell Nodier**

Gretna, LA | University of New Orleans

**Seth Pohlmann**

Marrero, LA | Louisiana State University

**Christina Schaub**

Mandeville, LA | Louisiana State University

**Jared Simoneaux**

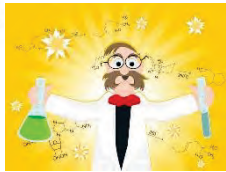
Mandeville, LA | Louisiana State University

**Odon Simoneaux**

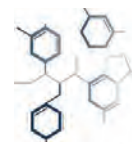
Mandeville, LA | Louisiana State University

**Mr. Christian Wolf**

New Orleans, LA | Louisiana State University



NEW ORLEANS  
BABY CAKES™



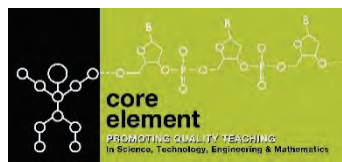
STEM



# Wednesday, May 17, 2017 NEW ORLEANS BABY CAKES VS SALT LAKE BEES

9:30am Gates Open, 11:00am Game Time

Presented by



OVER 30 *FUN and INTERACTIVE Hands-On STEM Activities*

Located throughout the concourse: Grades 3 to 8

CHEMISTRY  
SPACE AND GALAXY  
PHYSICS  
GENETICS

COMPUTER SCIENCE  
ELECTRICITY  
ENGINEERING  
ENVIRONMENTAL SCIENCE



## TICKET INFORMATION

Group tickets are only \$3.00 and must be purchased in advance,  
By **FRIDAY, MAY 12, 2017**

Contact a BABY CAKES Representative at **504-734-5155** to book your group.



[www.cakesbaseball.com](http://www.cakesbaseball.com)

[www.core4kids.org](http://www.core4kids.org)

