



**American Chemical Society**  
**East Texas Section**  
**January 2018**

**Next Section Meeting**

Date: Monday, February 5  
Place: Haute Goat Creamery  
1908 East US Highway 80, Suite 2  
White Oak, TX 75693

Dinner: On your own but we will provide goat cheese/meat trays  
for sampling by attendees

RSVP for the meeting: **by February 1** to Jerome Stavinoha  
[jstavinoha@gmail.com](mailto:jstavinoha@gmail.com)  
903-452-4001

Time: Speaker 7:00 P.M.

**The Chemistry of Cheese-Making and Tour of the Creamery**

Dr. Jeff Vanderbilt  
Haute Goat Creamery

Dr. Vanderbilt graduated from Calvin College in 1973 with a BS degree in chemistry. He attended graduate school at the University of Michigan and received a PhD degree in organic chemistry in 1978. In the same year Dr. Vanderbilt began work in the R&D labs at Tennessee Eastman in Kingsport Tennessee. In the early 1980s, he moved to Texas Eastman in Longview where he continued to work in R&D until he became manager of R&D for Westlake Chemical (Longview). Upon retirement from Westlake in 2012, he has been a cheese maker at Haute Goat Creamery which he and his wife, Laura, own. Dr. Vanderbilt is an inventor/coinventor for 44 US patents.

**Abstract**

Milk is white because it is comprised of a suspension of solids (primary protein and fat) in an aqueous medium. Cheese is made from milk by producing cheese curd and separating the solid curd from the liquid whey. The use of bacterial cultures and enzymes help facilitate the process.

At Haute Goat Creamery we make a variety of cheese and yogurt from fresh goat milk.

### Upcoming Dates

March 8	Kevin McQuaid, Kilgore College, Kilgore, TX
March 18-22	ACS National Spring Meeting, New Orleans, LA
April 12	Undergraduate Poster Session, LeTourneau University, Longview, TX
August 19-23	ACS National Fall Meeting, Boston, MA
September	Career Fair, Eastman Chemical Company, Longview, TX
October/November	Michael McClendon, UT-Tyler, Tyler, TX
November 7-10	Southwest Regional Meeting, Little Rock, AR

### Call for Papers Undergraduate Poster Session

If you are involved or have students involved in research, the April 12 meeting is for you. Bruce Hathaway and Sean Butler are accepting abstracts for students wanting to present their research at the Section meeting. Poster title, authors, and a brief abstract should be sent to Bruce Hathaway at [brucehathaway@letu.edu](mailto:brucehathaway@letu.edu) by April 1. Posters are limited to a 3' x 4' space.

### 2017 Section Officers

Chair	Jerome Stavinoha	<a href="mailto:jstavinoha@gmail.com">jstavinoha@gmail.com</a>
Chair-elect	Ruth Hathaway	<a href="mailto:ruthhathaway@msn.com">ruthhathaway@msn.com</a>
Treasurer	Paul Zhang	<a href="mailto:pzhang@ana-lab.com">pzhang@ana-lab.com</a>
Secretary	Mike Sheets	<a href="mailto:mike.sheets@texarkanacollege.edu">mike.sheets@texarkanacollege.edu</a>
Councilor	Philip Verhalen	<a href="mailto:philip.verhalen@gmail.com">philip.verhalen@gmail.com</a>
Alt. Councilor	Mike Sheets	<a href="mailto:mike.sheets@texarkanacollege.edu">mike.sheets@texarkanacollege.edu</a>

Section Website: <http://easttexasacs.sites.acs.org/>

## About ACS Webinars™

ACS Webinars™ is a free, weekly online event serving to connect ACS members and scientific professionals with subject matter experts and global thought leaders in chemical sciences, management, and business. The ACS Webinars are divided into several series that address topics of interest to the chemical and scientific community; these series include careers, business and innovation, professional growth, joy of science, extreme chemistry, entrepreneurial initiative, green chemistry, and more. Each webinar is 60 minutes in length, comprising a short presentation followed by Q&A with the speaker. The live webinars are held on Thursdays from 2-3pm ET. Recordings of the webinars are available online and upcoming events are posted at <http://acswebinars.org/>.

## Upcoming ACS Webinars

**January 18**

**Science-Based Carbon Reduction Targets: An Entry Ticket to Carbon-Based Business Benefits**

<https://www.acs.org/content/acs/en/acs-webinars/technology-innovation/carbon.html>

While there are plenty of examples of business benefits from practicing environmental leadership, an entry ticket to realizing these benefits is having a credible carbon reduction program. Join Dr. Valerie Patrick, who has 25 years of corporate experience leading technical and strategic initiatives at companies like Bayer and Monsanto, in order to discover the key elements and considerations for setting a science-based carbon reduction goal for your organization.

**January 25**

**A New Strategy in Drug Discovery: Protac-Induced Protein Degradation**

<https://www.acs.org/content/acs/en/acs-webinars/drug-discovery/protac.html>

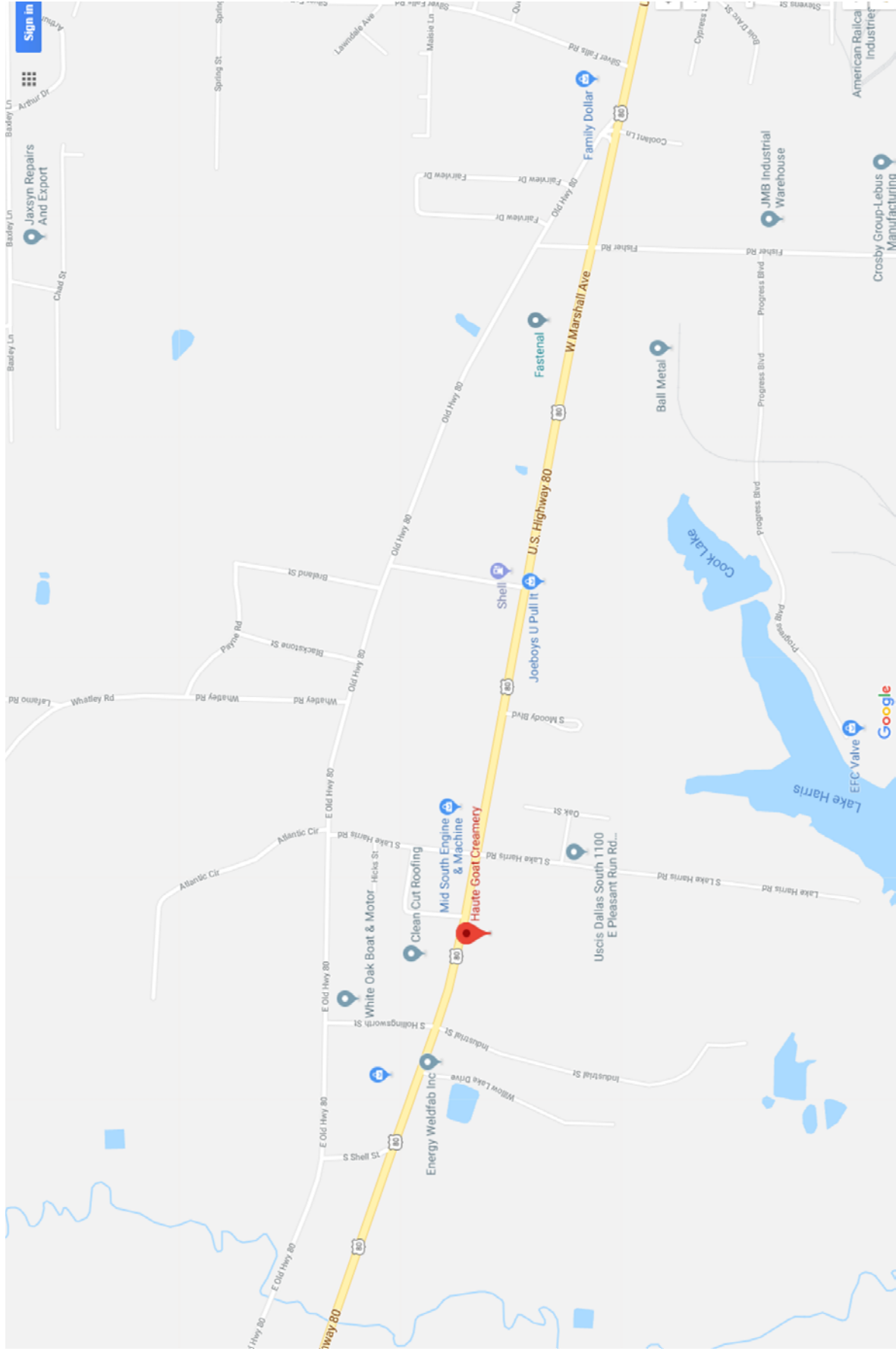
The drug discovery journey is not only an expensive venture but often it can take a decade or more to deliver a medicine for widespread clinical use to a public in desperate need of treatment. Ian Churcher of BenevolentBio suggests that perhaps we shouldn't be looking for a "faster horse" but rather imagining and creating the "model T of the 21<sup>st</sup> century." One such example is using artificial intelligence technology and novel approaches in targeted protein degradation, which has the potential to transform the way medicinal chemistry and drug discovery is carried out. Since 2015 the field of targeted protein degradation using drug-like "Protacs" has rapidly emerged and offers opportunities for novel pharmacological interventions in ways impossible to achieve with traditional small molecule inhibitors. The potential of the area is very significant but clinical studies using Protacs have not yet been reported and a range of questions remain before the true impact of the area can be assessed. Join us in this interactive webinar and decide if you should be using this innovative approach to accelerate your research.

**February 1**

**Navigating My Research Career: How to Manage US Immigration & Visa Opportunities**

<https://www.acs.org/content/acs/en/acs-webinars/professional-development/visa.html>

Foreign national postdocs and researchers face challenges in navigating their career path in the US due to visa and immigration related issues. Join Brendan Delaney of Frank & Delaney Immigration Law, LLC as he describes the types of issues that foreign born scientists face in terms of their career development, such as visa transition and also how they can build their CV/Resume for purposes of a self-sponsored application. This presentation will include essential application information like the types of evidence, documents, and material that they need which may allow them to expand their career opportunities and transition to an employment position of their own accord.



← White Oak

Longview →