President’s Message

Happy Fall ISPE CaSA Members!
What’s the ratio of a pumpkin’s circumference to its diameter?

Pumpkin Pi, of course...ba-dum-tish!

Unlike my jokes, the ISPE CaSA chapter is heating up as we quickly approach the end of 2018. Our Annual Planning Meeting was held October 10 at StateView Hotel on NC State’s Centennial Campus. Industry colleagues, students, and prospective members attended the meeting to engage in CaSA’s current and future activities. Among many items discussed, the primary initiative of chapter leadership is to drive value, value, value to members, specifically targeting:

➢ Manufacturers
➢ Suppliers
➢ Students

Moving into 2019, every CaSA event will be planned under this philosophy. We anticipate this approach resulting in higher attendance at events, increased manufacturer engagement, and added collaboration between CaSA committees. A few specific ideas being considered include launching a Leadership Series fueled by educational topics most critical to drug manufacturers, consolidating events by including a networking hour with each chapter outing, and opening select board meetings to give CaSA membership and student leaders a forum to provide feedback on the direction of the chapter. If you missed the planning session, there’s still time to get involved. Visit our website to learn more about CaSA and let us know if you’d like to support the growth of our chapter. http://ispe-casa.org/

(continued next page)
Save the Date! Mark your calendar for our upcoming events:
• ISPE Annual Meeting (Philadelphia, PA): 11/4 - 11/7 2018 - Register here
• Gene Therapy Education Event (RTP, NC): 11/14/2018 - Register here
• Automation Education Event (RTP, NC): 12/6/2018 - Register at www.ispe-casa.org
• Winter Gala (Umstead Hotel Cary, NC): 2/2/2019 - Register at www.ispe-casa.org
• Technology Conference (RCC Raleigh, NC): 3/12/2019 - Register at www.ispe-casa.org

Did You Know Some Of Our Advertisers Use Hyperlinks?

The following advertisers are using our hyperlink feature in their ads, NNE, Gemu Valves, Burkert, PCI, and 03 Sterilization, BTEC, AdvantaPure and Sequence. You can “click” anywhere in their ad and you will be directed to their link. You can find them more easily by looking for the ads that are outlined in GOLD.

Thank you to all of our advertisers. This newsletter would not be possible without your support!
Next month’s Therapeutic Thursday will be held November 15, 2018 from 5:30-7:30 PM at Viva Mexican Kitchen in Morrisville, NC. Our Therapeutic Thursdays are some of the best networking events you will find. There’s no need to register. Just come in and see how many colleagues you can turn into friends. Sponsors provide appetizers and soft drinks. Cash bar.

**Therapeutic Thursdays**

**November 15**

Therapeutic Thursday – RTP Area

Viva Mexican Kitchen

**December 6**

Therapeutic Thursday – RTP Area

**January 31**

Available

**Winter Gala: Casino Night at the Umstead Hotel!**

Start warming up your dancing shoes and dusting off your James Bond suit. Casino night at the annual Winter Gala returns this year and the tables will be open for Black Jack, Poker, Roulette, and Craps. This year’s Gala will be on Saturday, February 2, 2019 at the Umstead Hotel in Cary, NC from 6:00 - 11:30PM. As always, this event offers a chance to dress up, socialize, and have an evening to remember. For those who would like to unwind and make a night or weekend of the event, a room block will be reserved for Saturday night. Mark your calendars and stay tuned for more information.
Congratulations to the ISPE-CaSA students who will be attending the 2018 ISPE Annual Meeting & Expo in Philadelphia. This includes four (4) poster presenters from CaSA who will present at the International Student Poster Competition.

Campbell University
Kalpita Nadkar  Graduate Poster Presenter

East Carolina University (ECU)
Colby Hill
Cayla Wilson
Natalie Thompson

Georgia Institute of Technology (GA Tech)
Jonathon Bentata Benzry
Rosvely Diaz

North Carolina Central University (NCCU)
Melissa Wooten  Undergrad Poster Presenter
Mia Hall  Undergrad Poster Presenter
Dea’vion Godfrey  Undergrad Poster Presenter
Taha Rahimuddin
Sabina Morgan
Anusha Joshi
Latisha Hightower

North Carolina State University (NCSU)
Kyle Fabian
Caroline Fisher
Haley Durbin

The students submitted sponsorship applications to the Student Affairs Committee and were chosen from across student chapters within the CaSA region. Sponsorship includes lodging for 4 nights, student registration fees, and the Young Professionals Networking Event on Monday night.

New Student Chapter
Finally, please join me in welcoming the University of South Carolina – Columbia! They will soon be ISPE-CaSA’s newest student chapter. If you’d like to speak at their upcoming meetings or sponsor student events, please contact the Student Affairs Committee at ispecasasac@gmail.com.
Young Professionals Committee
By Mariessa Perez, Chair
The future of our industry depends on the Young Professionals in our local chapter!
Here are some opportunities for YOU to help move industry forward:

YP101: Educational Social Events
• The YP101 series is intended to provide an entry-level introduction to many upcoming trends and topics. Learn, Network, and enjoy food and drink in a casual environment.
• Past YP101 topics have been:
  ➢ Clean Rooms 101
  ➢ End-to-End Overview of Biopharmaceutical Process Development
  ➢ Capital Project Management and Time Management for Success
• If you are interested in presenting in the YP101 series, please contact casayoungprofessionals@gmail.com

Volunteer Opportunities
• The YP Committee aims to provide its members opportunities to gain exposure to and network with an array of professionals in our industry.
• You might escort speakers, run registration, or assist in the exhibit hall at the Annual ISPE-CaSA Life Science and Technology Conference; or you might help at the Golf Tournaments or Toys for Tots event in December! There are plenty of chances to interact with fellow industry professionals and give back to our community!

Mentorship
• As a community of practice, the YPs have a lot to offer! If you are looking for mentorship in your career or interested in a specific topic in the industry – the YP community includes professionals with a variety of backgrounds who are ready to share their experience and help in the learning curve of being a young professional.
• If you yourself are a YP, you could be a tremendous help by mentoring one of our local student chapters! Providing guidance and tips on professionalism, interviewing, resume reviews!

Please contact the Young Professionals Committee if you would like to be more involved or are interested in any of these opportunities! casayoungprofessionals@gmail.com

Kristy De|
919.334.7006
kristy.deissantl@cbusa.com

919.370.2292 • www.encovaconsulting.com

919.370.2292 • www.encovaconsulting.com

887.724.2257 • www.pci-llc.com
Stay in immediate communication with your favorite professional organization by connecting with us on our ISPE-CaSA Company page. Stay in touch with all exciting upcoming events, industry news, and other relevant information related to the Chapter and National Organization. Follow this link to join the ISPE-CaSA page for updates! And follow our Women in Pharma Group! www.linkedin.com/company/ispe-casa/

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Attention! Attention! LinkedIn Update! Follow Us On LinkedIn

Join the movement and be part of the first 1000! Join us now! Don’t delay!

Pharmaceutical manufacturing facilities have some of the most critical energy needs of any business. Learn about some of the unique solutions designed to help prevent interruption to your production.

Pharmaceutical manufacturers may be eligible for certain energy efficiency programs, which can help reduce energy costs and improve manufacturing processes.

Learn more at biofluidfocus.com or call us 727.437.7777
CaSA COMMITTEES 2018 - 2019

Education
Andy Ferrell
education@ispecasa.org

Newsletter
M. Jason Kelly, Ph.D.
newsletter@ispecasa.org

IT/Social Media
Dan Santarsiero, PE
infotechnology@ispecasa.org

Student Affairs
Catherine Bays
studentaffairs@ispecasa.org

Membership Development
Bud Watts
membership@ispecasa.org

Networking
Chris Smith
networking@ispecasa.org

Young Professionals
Mariessa Perez
youngprofessionals@ispecasa.org

Technology Conference
Chris Small, PE
techconference@ispecasa.org

Connecting a World of Pharmaceutical Knowledge

Vision to Reality: Delivering Next Generation Therapies
2018 ISPE Annual Meeting & Expo
4 - 7 Nov | Philadelphia Convention Center, PA

FOLLOW US ON Instagram
@ISPE_CaSA
## Special Promotion!
New CaSA Members Save $40
(NEW MEMBER APPLICATION FEE)
Promo Code: **CAR-SATL18**

## 2018 Annual Dues Rates

<table>
<thead>
<tr>
<th>Duration</th>
<th>Amount</th>
<th>Save 10% Amount</th>
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<tbody>
<tr>
<td>1 Year</td>
<td>$295 / €255</td>
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</tr>
<tr>
<td>2 Year</td>
<td>$499 / €431</td>
<td>$72 / €62.9</td>
</tr>
<tr>
<td>3 Year</td>
<td>$729 / €629</td>
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## Membership Offers You Great Value, Including:

<table>
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<tr>
<th>Benefit</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>Online access to Good Practice Guides</td>
<td>$10,625 / €9,242</td>
</tr>
<tr>
<td>Subscription to Pharmaceutical Engineering magazine</td>
<td>$79 / €79</td>
</tr>
<tr>
<td>Discounts on ISPE Baseline® Guides</td>
<td>$310 / €260</td>
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<tr>
<td>Online networking with Communities of Practice (CoPs)</td>
<td>$85 / €82</td>
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<tr>
<td>Access to online Member Directory</td>
<td>$75 / €72</td>
</tr>
<tr>
<td>Free Affiliate/Chapter membership</td>
<td>$95 / €91</td>
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<tr>
<td>ISPE Drug Shortage Assessment and Prevention Tool</td>
<td>$199 / €190</td>
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**Total Value**: $11,468 / €10,016

**Total Cost to You**: $295 / €255

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**ISPE Membership Benefits YOU**

Gain industry knowledge, learn best practices, network with peers, and advance your career with the largest not-for-profit association in the pharmaceutical industry.

- **More than 18,000 members worldwide**
- **Members in more than 90 countries**

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**Career Solutions**

Find your next dream job or your next dream employee.

- **40 Affiliates and Chapters** across the globe, for local networking opportunities.

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**Education and Training**

Continue developing your career through dozens of conferences, in-person training, or online eLearning.

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**Guidance Documents**

From data integrity and biopharmaceuticals to facility design and sustainability, these resources are the gold standard in the industry.

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**Technical Communities of Practice**

- GAMP, Oral Solid Dosage, Commissioning and Qualification, Project Management, Critical Utilities... got a problem? Discuss it here.

---

**Annual Meeting**

brings together more than 2,000 experts.

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**New Benefit**

**Good Practice Guides**

Gain free online access to 24 titles—outlining best practices and technical details with specific solutions.

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**Pharmaceutical Engineering**

Our bi-monthly news source enriches you with updates on scientific and technical developments, plus real-world solutions for your daily challenges.

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**Member-Only Discounts**

Members save up to $320/€270 off Guidance Documents, up to $380 off Annual Meeting registration, and more!

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**About ISPE**

ISPE, the International Society for Pharmaceutical Engineering, was founded in 1980 and is the largest not-for-profit association providing technical and regulatory support to members throughout the entire pharmaceutical lifecycle. Our 18,000+ members, located in more than 90 countries around the globe, are dedicated to the development and manufacture of medicines and medical delivery devices. We strongly encourage colleagues to participate in ISPE to gain access to the network and access to educational opportunities within the pharma/biotech community.
Would you like to have targeted customers simply click on your ad and get right to your website?

A hot-link can be added to your ad, connecting readers directly to your company website for an additional $500 for a whole year.

If you are interested in advertising with the ISPE CaSA e-newsletter, please contact our Chapter headquarters at:

ISPE-CaSA
1500 Sunday Drive, Suite 102
Raleigh, NC 27607
919-573-5442
info@ispeCaSA.org

Editorial Policy

Articles should be written for technical professionals in the pharmaceutical, biotechnology, and medical device industries. The author is responsible for the accuracy and correctness of all statements contained in the manuscript (ISPE Carolina-South Atlantic Chapter assumes no liability.) Manuscripts should be submitted with a brief, three to four sentence synopsis of the article, as well as a brief biographical statement about the author that includes educational background, title and job affiliation, job responsibilities and major areas of accomplishment.

Would you, or someone you know, like to publish your technical content in these pages?

Please submit any and all technical content to info@ispecasa.org or send directly to our Newsletter Chair at jason.kelly@cagents.com.

Would you like to see your name in the newsletter?

Contribute content! We’re looking for the following:

Reviews of ISPE-CaSA Events
Did you meet someone inspiring, find a job, or just have a great time at one of our events? Let us know!

Lessons Learned
Have you learned an interesting lesson at work recently? Write it up and share it! Our members are always interested in improving their skills.

Pharmaceutical Funnies / Biotech Bloopers
Did something entertaining happen at work? Tell us about it! If we laugh, we’ll publish it and give you the credit.

Your contributions help us keep the newsletter fresh. You’ll get full credit, and bragging rights, when we publish them. We love to hear from you, and our members do, too!

Please send your submissions to newsletter@ispecasa.org or directly to our Newsletter Chair, Jason Kelly at jason.kelly@cagents.com.

A word to the ISPE CaSA Newsletter advertisers:
Thank you all for your continued support. Without it we could not have the wonderful support staff to get our ISPE CaSA Members the news in such a timely and professional fashion. If you have updates to your advertisements or find any other error, please contact us so that we can serve you better.
Advertising Opportunities in ISPE CaSA 2018 Electronic Newsletter

The ISPE CaSA Chapter produces six e-newsletters per year. ISPE CaSA sends out the newsletters via e-mail and via Web link to all of our Chapter Members throughout the Southeastern U.S., which reach top-notch pharmaceutical, biotechnology, and bio-science professionals and managers. These newsletters are also posted on our Web site so your ad can be accessed by interested visitors to our site.

The cost for a full color business-card-sized ad is $1000 per year. There is also the ability of positioning your ad on the front page of the newsletter for an additional $1000 per year for six issues. Space limits the number of front page to only four, and is offered to the first four paid advertisers on a first-come, first-served basis.

Also, if you would you like to have your targeted customers go directly to your website by simply clicking on your ad, a hot-link can be added to your submitted ad file for an additional $500 for the entire year.

You may choose one of the special offers below (pro-rated for partial-year advertising):

- $2,000 Full-color ad for six issues on the front page of each newsletter ($333/issue)  [SOLD OUT]
- $2,000 Full-color double-sized ad for six issues ($333/issue)
- $1,000 Full-color ad for six issues ($167/issue)
- $500 Adding a hot link for directing customers to your website by a simple click

We hope you will take advantage of these opportunities and advertise in the 2018 ISPE CaSA e-newsletter.

To reserve a placement of your ad for 2018 please contact the ISPE-CaSA Headquarters at 919-573-5442 or via e-mail at info@ispecasa.org. Deadline for 2018 advertisements, to start in the February 2018 issue is January 19th, 2018.

You will be notified via e-mail or telephone when your advertisement has been accepted by the ISPE-CASA Newsletter Committee and asked to submit your advertisement digitally. Full-color business card-sized ads (3.5” x 2”) or double-sized ads (3.5: x 4”) may contain your logo or other artwork. Artwork should be sent directly to newsletter@ispecasa.org.

We ask that your text be no smaller than 12 pt so that the text is easily readable in the electronic format. PDF, JPG, or TIF formats, are easiest for us to work with. Space is limited, sign up today!
# 2018 Newsletter Advertisement Order Form

## Company Information
- **Company Name:**
- **Contact Name:**
- **Billing Address:**
- **Contact Email:**
- **Contact Phone:**

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## Payment Information
- Make checks payable to: ISPE-CASA
- Mail to: ISPE-CASA / Newsletter, 1500 Sunday Drive, Suite 102, Raleigh, NC 27607-5151
- Or pay by Credit Card: ___VISA  ___ MasterCard  ___ AMEX

### Payment Details
- **CC#:** ________________  **Exp Date:** ____________
- **Signature:** ________________  **Date:** ____________

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* • info@ispecasa.org • Ph: (919) 573-5442 • Fax: (919) 787-4916 •
For office use only: GL000-2240/100-3300  Pd by Ck # ____________ CC processed: Date: ____________ Initials*