



# The Western Palmetto Informer

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## Contact Information

Visit our website:  
[www.aiche.org/wsc](http://www.aiche.org/wsc)

E-Mail us at:  
[sec@wscaiche.org](mailto:sec@wscaiche.org)  
[chair@wscaiche.org](mailto:chair@wscaiche.org)

## Message from the Chair

I want to open by thanking Mark Mathis for giving us a glimpse into the developing world of meat alternatives and cultured meats. I never imagined the day might come in which we'd grow artificial beef in laboratories. Much of this technology isn't cost effective yet, but neither was the now ubiquitous automobile in its beginning. Biochemical and chemical engineers will play a big part of driving this new technology to success just like we were a big part of why cars became so successful.

After taking this look into the future we'll take a step back into the distant past at one of the oldest, if not the oldest, chemical engineering process, brewing beer. It is thought that beer brewing goes back at least 6,000 years. It was probably discovered by accident, and it was not until the last couple of centuries that it began to be more science and a little less art. It has 4 principal unit operations: malting, mashing, fermentation and maturation/filtering. Careful temperature control is important in all steps and the last step requires either heat pasteurization to kill the yeast and stop fermentation or cold filtering to remove the yeast and stop fermentation. As one skilled in the art of filtration, I find the cold filtering process, frequently using membrane ultrafilters, fascinating. It makes for some interesting reading if you have the time. So, join us April 11<sup>th</sup> at Birds Fly South Ale Project in Greenville for a behind-the-scenes tour of the beer production process. They make larger volume lager and an "urban farmhouse beer" which you'll just have to come and see as I am not sure I can do it justice here.

I would also like to remind everyone that we have an important vote on revised bylaws at the April meeting. As we have said many times, this is your local section; so, make your voice heard.

Best Regards,

Bill Thompson, Chair, WSC AICHE

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## NEXT MEETING - April 11, 2023

### Plant Tour - Birds Fly South

Bird's Fly South Ale in Hampton Station will host us and tour us through their brewing processes. They have two processes. One is a larger scale process making a lager. The other is more of an artisan process making Farmhouse Ale.

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### April Meeting Information

<b>TITLE:</b>	Plant Tour - Birds Fly South
<b>DATE:</b>	Tuesday, April 11, 2023
<b>Event timing:</b>	6:00 PM Social 6:30 PM Dinner/Meeting (vote on proposed bylaws) 7:00 PM Presentation/Tour
<b>LOCATION (in-person event):</b>	Birds Fly South 1320 Hampton Ave, Greenville, SC 29601
<b>COST</b>	No charge
<b>RSVP by 3/10/23</b>	RSVP from WSC Section <a href="#">website</a> if you plan to join us for dinner

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### Bylaws Update

Updates to the section bylaws have been under consideration since 2020. The national AIChE organization (the Institute) prepared a template for local sections to use, one which updates language and practices for the 21<sup>st</sup> century.

Bonnie McCourtie (newsletter editor and long-time member) and James Young (long-time member and vice-chair) have prepared proposed changes for our section bylaws based on the national template. It is our intention to ratify the changes at the April 11, 2023 meeting. The proposed changes are available on the [website](#).

You may direct inquiries and comments to Jim Young at [vchair@wscaiche.org](mailto:vchair@wscaiche.org).

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### 2023-2024 Officer Election

Nominations for the section offices of Chair, Vice-chair, Secretary and Treasurer are now open. You may nominate yourself or someone else. You may submit your nominations via google form from the [website](#) or email your

nominations to [sec@wscaiche.org](mailto:sec@wscaiche.org). Nominations are requested by April 4, 2023, so the slate of nominees can be announced at the April 11 meeting. Nominations can also be made during the April meeting. Voting will take place at the May meeting/social and online prior to the May meeting.

## Opportunities to Assist

We welcome your participation on any level in this organization. Several committee positions are open, and this year's officers will gladly mentor members who would consider holding officer positions next year.

### 2022-2023 Officers and Executive Committee

POSITION	NAME	COMPANY	E-MAIL
Chair	Bill Thompson	Ortec	<a href="mailto:bthompson@ortecinc.com">bthompson@ortecinc.com</a> <a href="mailto:chair@wscaiche.org">chair@wscaiche.org</a>
Vice-Chair	James Young	Fluor	<a href="mailto:James.H.Young@fluor.com">James.H.Young@fluor.com</a> <a href="mailto:vchair@wscaiche.org">vchair@wscaiche.org</a>
Secretary	Conny Walker	Independent	<a href="mailto:sec@wscaiche.org">sec@wscaiche.org</a>
Treasurer	Jacob Lindler	aeSolutions	<a href="mailto:jllindler@yahoo.com">jllindler@yahoo.com</a> <a href="mailto:treasurer@wscaiche.org">treasurer@wscaiche.org</a>
Former Chair	Conny Walker	Independent	<a href="mailto:connyw@earthlink.net">connyw@earthlink.net</a>
Newsletter	Bonnie McCourtie	Retired	<a href="mailto:brim502@charter.net">brim502@charter.net</a>
Webmaster	(open)		
Historian	(open)		
Executive Committee	Karl McCaleb	Mitsubishi	<a href="mailto:kmccaleb2@bellsouth.net">kmccaleb2@bellsouth.net</a>
	Anastase Ghionis	Omega Chemicals	
	Donald P Gurney, Jr., ScD, P.E.	Consultant	<a href="mailto:degurney@charter.net">degurney@charter.net</a>
	Anil Wagle	Retired	<a href="mailto:Anilwagle123@gmail.com">Anilwagle123@gmail.com</a>
	Devon Clymer	Jacobs	<a href="mailto:Devon.clymer@jacobs.com">Devon.clymer@jacobs.com</a>
	Ann Marie Jones	Retired	<a href="mailto:annmjones@aol.com">annmjones@aol.com</a>

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## 2022-2023 Calendar of Events

DATE	LOCATION	TOPIC
April 11, 2023	Birds Fly South	Plant Tour, Vote on proposed bylaws
May 18, 2023	Fluor Management Center	WSCAICHe May Social, Officer elections

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