

Agricultural & Food Chemistry has and continues to be a significant part of ACS and programs heavily at national meetings

Vision:
Enhance quality of Life by advocating safe, nutritious, and sustainable food and agricultural supplies that meet global challenges

Mission:
Lead and foster a diverse community to promote and advance agricultural and food chemistry research, education, outreach, and communication.

1904: ACS separates papers into five sections:

- Industrial, Inorganic, Organic, Physical, and Agricultural, Sanitary and Physiological.

1908: ACS establishes five technical divisions including the Division of Agricultural and Food Chemists

1961: Fermentation subdivision becomes Division of Microbial Chemistry and Technology

1968: Pesticide subdivision becomes Division of Pesticide Chemistry; renamed Agrochemicals in 1985

Founding member of Biotechnology Secretariat

International Symposia: Greece, South America, Thailand

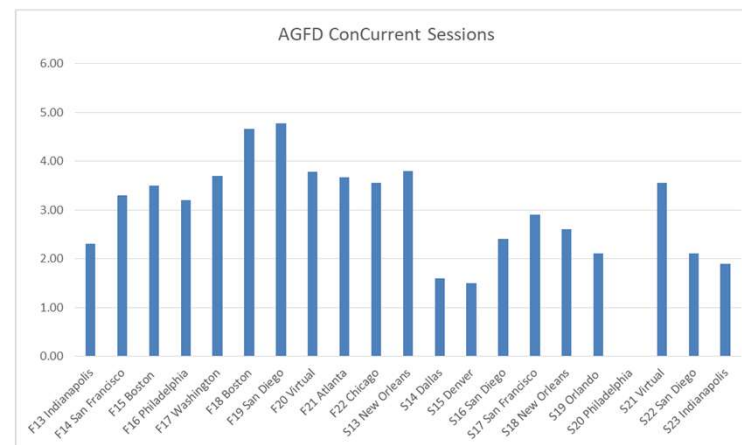
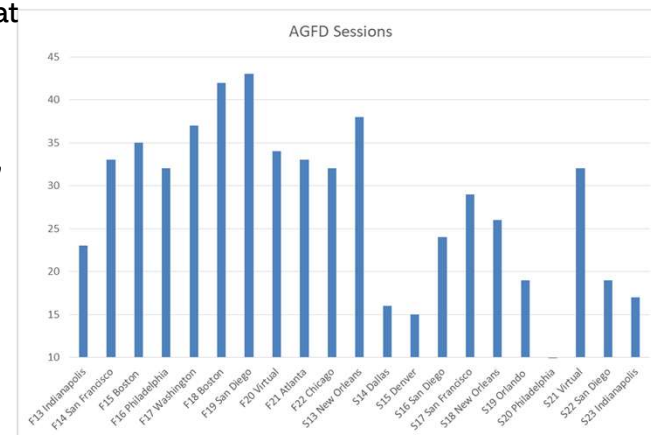
Thematic Program Leaders: multiple AGFD members have served as Thematic Program Leaders

AGFD leading two Cooperative Chemistry Communities

- Microbiome
- Food Security Tackling Hunger

ACS Webinars & Workshops

- Chemistry Tools to Help Achieve Zero World Hunger: November 2022
Frontier Fridays with the Committee on Science
- ACS Campaign for a Sustainable Future: Zero Hunger Summit: December 2022
Planning Committee and presenters



AGFD program illustrates the broad scope of AGFD's interests

Sustainable Agriceuticals

Chemistry of Wine

Methods, Data, and their Usage Towards Solving the Food Allergy Problem

Phthalates and PFOS Environmental Exposure and Toxicology

Smart Food Safety

Chemical Intervention Technology to Improve Microbial Stability of Food

Food Toxicants: Occurrence, Detection, Formation Mechanism and Mitigation

Nutraceutical Lipids, Proteins and Biopeptides

Oat Bioactives and their Health Benefits

ACS Microbiome Consortium Kick off Symposium

Biotechnology and Synthetic Biology for Sustainable Foods, Food Ingredients, and Flavor

Bioproducts from Biomass

Food Security: The Role of Alternative Protein Sources in Addressing World Hunger

Renewable Polymer Materials: Preparation, Processing, Application, and Disposal

Advances in Food Chemical Informatics, Knowledge Bases and Databases

Artificial Intelligence (AI) Applications for Food and Agriculture

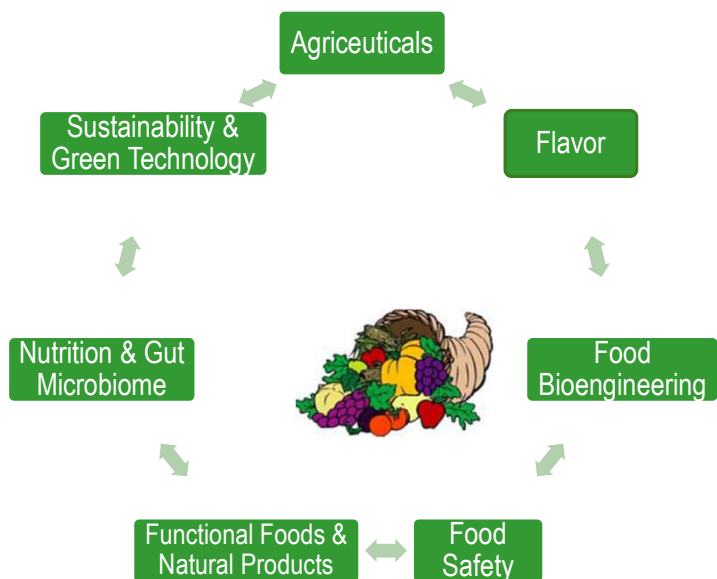
Virtual Graduate Students Symposium in Asia-Pacific Region on Agricultural and Food Chemistry

Award for the Advancement of Application of Agricultural and Food Chemistry in honor of Liangli (Lucy) Yu (Invited)

JAFCA Best Paper Award (Invited)

Young Scientist Award (Invited)

Subdivisions: provide a nucleus for networking & a leadership pipeline



Agriceuticals:

Chemistry and processing technology of agricultural products and byproducts for health, pharmaceutical, and biomedical applications.

Flavor: 635

Isolation, identification, formation, stability, delivery, perception of compounds that impart aroma, taste and chemesthesis

Food Bioengineering: 388

genetic analysis, omics, fermentation

Food Safety: 526

Isolation, identification, detection, prevention, and regulation of know and emerging safety challenges

Functional Foods & Natural Products: 735

Nutrition & Gut Microbiome: 584

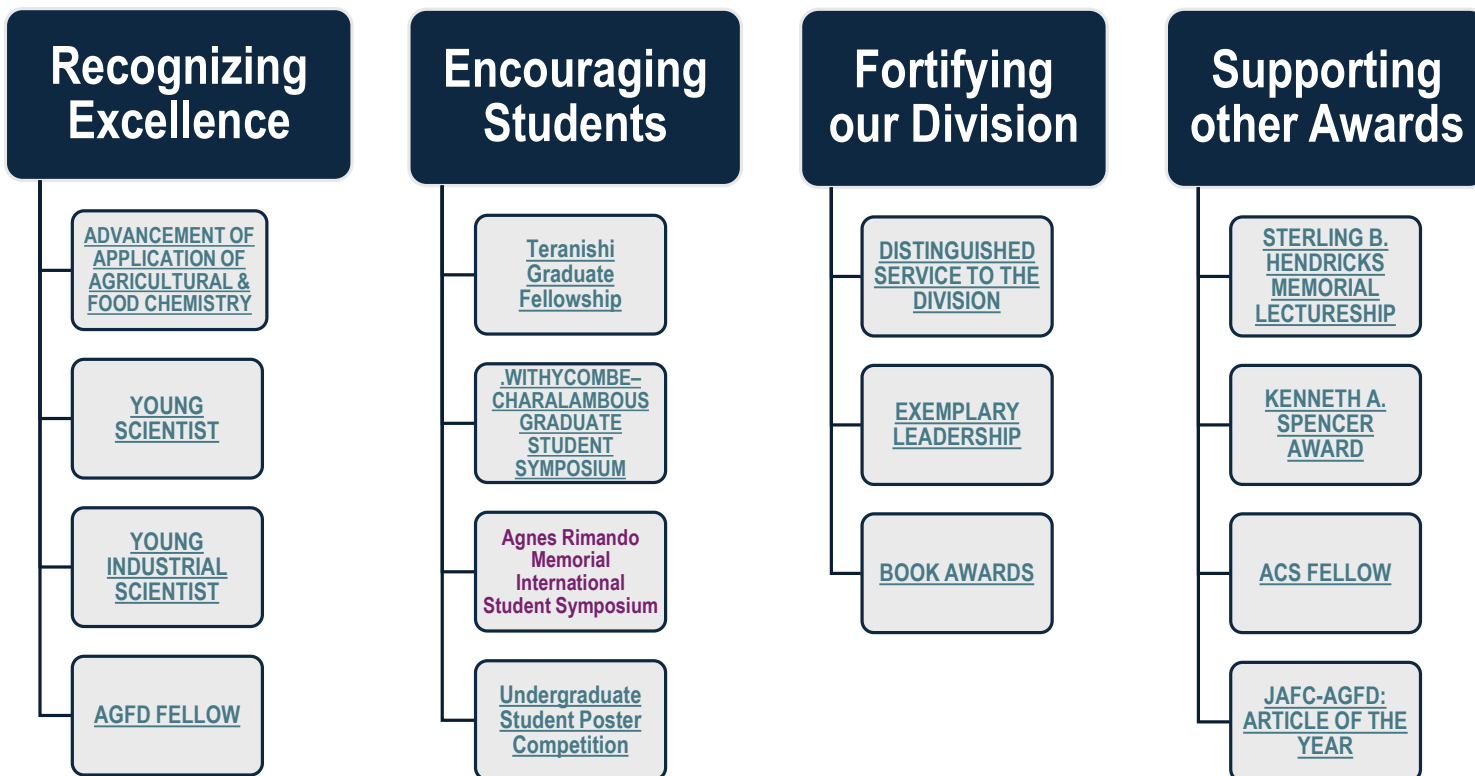
promote research on the chemistry, physiology and the rather complex relationship between nutrition, food, and the gut microbiome in vitro and in vivo

Sustainability & Green technology

Innovation, translation/utilization topics in the areas of sustainable agriculture, sustainable food supplies & by-product stream valorizations and green processing technologies.

Subdivision Chair, Chair-Elect, Vice-Chair, and Secretary help solicit and coordinate symposia contributions to AGFD National Meeting Program

Recognizes achievement and promotes student participation



39
Members selected as
ACS Fellows

96
Members selected as
AGFD Fellows

4
Young Scientist
Awardees became
AGFD Chair

Challenges - Opportunities

Membership:

- Membership dropped after COVID-19 hit. How can we restore?

Serving Volunteers

- How can we make it easier for volunteers to be active?
- How can we invest in volunteers?
- Can we segment volunteer activities into shorter time blocks?

Communicating: finding balance

- Valuing volunteer time
- Composing the message to the customer/member (marketing)
- New technology for tools and training

Advancing value propositions for in-person and virtual meetings



AGFD provides multiple benefits to its members

Nucleus for networking & building professional relationships

Strong and varied national meeting programming

Leadership opportunities

Robust recognition programs within and beyond AGFD

Development programs & opportunities for students

Multiple communication streams

- Newsletter: Cornucopia
- Website <https://www.agfoodchem.org/>
- Webinars: 30 ACS Webinars on Food
- Email Blasts
- LinkedIn Community <https://www.linkedin.com/groups/8154423/>
- Food Security Tackling Hunger <https://www.linkedin.com/groups/12750126/>

Division of Agricultural and Food Chemistry of the ACS

[Fall 2023



CORNUCOPIA

including the AGFD program and abstracts for the

266th American Chemical Society (virtual & live) National Meeting on

August 13 - 17, 2023

in

SAN FRANCISCO

Jonathan Beauchamp, Jason Soares
Program Chairs

Going to San Francisco?
Join the AGFD Awards Banquet at FOGO DE CHAO
Tuesday, August 15, 6:00 - 8:00pm
(tickets available at the AGFD information table)
Two minute walking directions to Fogo de Chao from Moscone Center –
exit the Center onto Howard Street. Turn right. Cross 3rd Street at the corner. Turn right.
Fogo de Chao (201 3rd St., Suite 100) is on your left.

PAGE	CONTENTS
2	Message from the Chair
3	Future AGFD programs
4	Executive committee meeting minutes
7	In Memorium – Jim Seiber
8	Puzzle page
8	AGFD Membership application - join the team!
10	Roster of AGFD officers and committee leadership
11	Award News
13	Special topics meeting minutes
14	AGFD technical program & abstracts
next to last page	Other symposia of interest cosponsored by AGFD
back page	Schedule of technical, business and social meetings

Visit our website - www.agfoodchem.org - for a pdf of Cornucopia, job postings, awards and much more.
Check out our Facebook page - www.facebook.com/agandfood
We're on LinkedIn, too!

Community: the essence and strength of
AGFD

Consider joining us:
[Home | AGFD \(agfoodchem.org\)](http://Home | AGFD (agfoodchem.org))

