

# AOCS Division Membership



Your Global Fats and Oils Connection

## Opportunity and Community

[www.aocs.org/divisions](http://www.aocs.org/divisions)

# AOCS Divisions

## Opportunity and Community

# Join a Division Gain an Inside Connection

Divisions are interest communities within AOCS that form the building blocks of the Society. These communities represent special interests, share technical expertise, and offer learning and networking opportunities to like-minded professionals who work in the field of fats, oils, and related products.

### Divisions:

- Accommodate the desires of the membership.
- Contribute to the development of AOCS programs.
- Improve the effectiveness and efficiency of membership appointments to AOCS committees.
- Offer volunteer opportunities within AOCS.
- Supply ideas and leadership for technical program development.
- Present a structure that maximizes communication among the membership, the AOCS Governing Board, and the AOCS professional staff.
- Help shape Society governance.
- Provide a community within the Society where you can focus on your interests and maximize your membership investment.



AOCS Division membership connects you to a network of individuals with experience related to your area of expertise. You become part of a community where you can exchange professional information, develop programs, and interact with other organizations with common interests.

### Division Activities and Resources

**Symposia and business meetings:** These events provide you with rewarding opportunities to learn from and discuss issues with industry colleagues with similar professional interests. In addition, the Divisions regularly cross-collaborate with joint programming for an expanded knowledge base and further networking opportunities.

**Recognition programs:** Division awards inspire and encourage advances in industry and research. Award recipients range from leaders in their fields to graduate students who are beginning their careers.

**Unrivaled networking opportunities:** Division-sponsored receptions and hospitality lounges provide opportunities to meet professionals within your field in a relaxed atmosphere.

**Electronic newsletters:** Your Division membership includes a subscription to an electronic newsletter with information pertinent to your technical interest area.

**Division web pages:** This resource enhances your ability to maintain contact with other professionals by providing links to news, technical programs, meetings of interest, newsletters, and reference sites targeted to your Division's membership.

### Membership is Easy and Affordable

Membership in any Division is open to any individual. Dues collected on behalf of the Divisions are used to promote and to develop programs in their technical interest areas.

We invite you to join and to participate in Division activities. Your support and ideas are welcome and will help Divisions fulfill the needs and interests of members.

Note: Division membership alone does not include the rights and privileges of AOCS membership. To join AOCS and a division, visit [www.aocs.org/join](http://www.aocs.org/join).



**Join one or more Divisions today.**

Visit [www.aocs.org/divisionapp](http://www.aocs.org/divisionapp)

# 11 Divisions

**AOCS technical Divisions representing special interests and expertise offer opportunities to collaborate with like-minded professionals.**

## **Agricultural Microscopy**

[www.aocs.org/agmicro](http://www.aocs.org/agmicro)

The Agricultural Microscopy Division is committed to the continual advancement of visual imaging as a key element in discerning the quality and content of ingredients and finished products of the feed, fertilizer, seed, and agri-food sectors.

## **Analytical**

[www.aocs.org/analytical](http://www.aocs.org/analytical)

The Analytical Division is composed of members with a variety of interests within analytical methodologies and physical techniques pertinent to the analysis of fats, oils, food and related materials. Topics include chromatography, electrophoresis, spectroscopy, spectrometry, fluorometry, mass-spectrometry, differential scanning calorimetry and other novel analytical technologies and applications.

## **Biotechnology**

[www.aocs.org/biotech](http://www.aocs.org/biotech)

The Biotechnology Division covers a broad context, encompassing the use of biological systems for the benefit of humankind. Topics include the use of techniques such as fermentation, tissue culture and cloning, and molecular

genetics to provide new and improved materials from plant and microbial sources, as well as the use of enzymes and whole cells for biotransformation of products.

## **Edible Applications Technology**

[www.aocs.org/edibleapps](http://www.aocs.org/edibleapps)

The Edible Applications Technology Division encompasses the technical area of product development, process technology, functional food lipids, and emerging technologies, utilizing the unique composition and physical properties of oils to perform specific functions in edible products, pharmaceutical manufacturing, synthetic and natural emulsifier production, and maximizing the nutritional aspects of fats and oils.

## **Health and Nutrition**

[www.aocs.org/health](http://www.aocs.org/health)

The Health and Nutrition Division encompasses the technical areas of dietary fats and general health, and the advancement of nutrition policy. Topic areas include omega-3 and omega-6 essential fatty acids and eicosanoids, fat-soluble vitamins, and other fat-soluble constituents, fat substitutes, and the relationship of dietary fats to promotion of wellness and prevention of disease.



## Industrial Oil Products

[www.aocs.org/industrialoil](http://www.aocs.org/industrialoil)

The Industrial Oil Products Division provides a forum for professionals involved in research, development, engineering, marketing, and testing of industrial products and co-products from fats and oils, including glycerin and its derivatives. Topic areas include fuels, lubricants, coatings, polymers, paints, inks, cosmetics, dielectric fluids, additives, and any other suitable application.

## Lipid Oxidation and Quality

[www.aocs.org/lipidox](http://www.aocs.org/lipidox)

The Lipid Oxidation and Quality Division is multidisciplinary with overlapping interests of individuals in other AOCs Divisions. Topic areas encompass the technical areas of flavor, instrumentation and analytical methods used in lipid oxidation (in-vivo, in-vitro), chemical analyses, biological oxidation, antioxidants, nutraceuticals, processing, and mechanisms.

## Phospholipid

[www.aocs.org/phospho](http://www.aocs.org/phospho)

The Phospholipid Division unites international researchers and professionals to understand phospholipids and lecithins, to extend applications including agricultural adjuvant, paint dispersion, oil drilling/bitumen mining, and explore new opportunities such as nanoparticles in food and health products. Topics encompass physical and chemical methods for isolation and purification from natural resources, synthesis via enzymatic or chemical methods, practical applications in baking, confections, meats, cosmetics, pharmaceuticals, emulsification, liposomal drug delivery system, and the study of bioactive polar lipids. The Division maintains a close working relationship with the International Lecithin and Phospholipid Society (ILPS).

## Processing

[www.aocs.org/processing](http://www.aocs.org/processing)

The Processing Division provides a balanced forum of technical information and networking opportunities for professionals with interests in oilseed handling preparation and extraction, oils and fats refining and processing, oil products and packaging, feed ingredients, biofuels, by-product utilization, safety and health, and sustainability and environmental concerns.

## Protein and Co-Products

[www.aocs.org/protein](http://www.aocs.org/protein)

The Protein and Co-Products Division includes members in the following areas: proteins and co-products from biomaterial for food, feed, and industrial applications; extraction, separation, purification, and characterization technologies; structural function modifications, physiochemistry and functionality; process development and improvement, nutrition and health; detoxification and deallergenation; extrusion and texturization; industrial ultrafiltration and reverse-osmosis membrane technology; and waste management.

## Surfactants and Detergents

[www.aocs.org/surfactants](http://www.aocs.org/surfactants)

The Surfactants and Detergents Division covers the sciences and technologies associated with the development and production of surfactants and detergents. Topics include soaps, surfactants, oleochemicals, formulation, physiochemistry, manufacturing, marketing, performance-test methods, processing, analysis, packaging, fragrances, enzymes, polymers and ancillary additives.



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## Mission statement

AOCS advances the science and technology of oils, fats, surfactants and related materials, enriching the lives of people everywhere.



[www.aocs.org/divisions](http://www.aocs.org/divisions)

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