

ACS Technical Division Objectives

Division of Agricultural and Food Chemistry

The objects of the Division shall be to bring together persons particularly interested in the chemistry of agricultural and food products, both raw and finished; to foster programs of general papers and symposia on special topics dealing with this field of chemistry; to promote such other activities as will stimulate activity in and emphasize the importance of research in agricultural and food chemistry.

Division of Agrochemicals

The objects of the Division shall be to bring together persons particularly interested in agrochemicals; to consider all scientific aspects of chemistry relevant to the control of pests of agricultural or public health significance and to other methods for enhancing or modifying agricultural productivity; to develop and improve the professional stature of chemists with these interests, and to render whatever service it may to the scientific and lay communities on the topic of agrochemicals.

Division of Analytical Chemistry

The objects of the Division shall be the promotion of analytical chemistry in all of its aspects; the presentation of programs of papers on analytical chemistry and related fields at national meetings of the Society; cooperation with local sections and regional groups; the organization and sponsorship of symposia on topics of interest to analytical chemists; the development of activities which will promote the growth of analytical chemistry; and the establishment of means for increasing the professional status of and the contacts between analytical chemists.

Division of Biochemical Technology

The objects of the Division shall be to provide for and improve communication among those interested in the field of biotechnology by fostering programs of general papers, symposia, colloquia, etc.; promoting the publication of papers, symposia, and reviews; undertaking such other activities which will stimulate interest in and emphasize the importance of the fields of applied microbiology, process biochemistry and biotechnology.

Biological Chemistry

The objectives of the Division shall be to promote knowledge and research in the field of biological chemistry and to promote its relations to other branches of science.

Division of Business Development and Management

The objects of the Division are to encourage communication and understanding between the technical function and the commercial functions of the chemically oriented industrial community; promote communication and understanding between the academic community and the commercial functions of the chemical industry; make available to those in the American Chemical Society knowledge and training in the financial, economic, and marketing considerations that are pertinent to their particular fields of interest; provide a forum within the Society at which members may present their views on appropriate subjects; disseminate as widely as possible, in permanent form, information that will accomplish the above objectives.

Division of Carbohydrate Chemistry

The objects of the Division shall be the stimulation of interest, the encouragement of research and the diffusion of information in all that pertains to the chemistry and technology of sugars and other carbohydrates.

Cellulose, Paper, and Textile Division

The objects of this Division shall be the stimulation of interest, the encouragement of research, the development of standards and test methods, the recognition of outstanding contributions to the fields of work included in the name of the Division and the facilitation of discussion of matters, both theoretical and applied, pertaining to the chemistry of cellulose, wood, natural and manufactured fibers and related products and to the chemistry of materials used in their processing. [Revised scope coming soon for this division.]

Division of Chemical Education

It is the object of this Division to afford a meeting ground for teachers and students of chemistry, as well as for others who are interested in the larger aspects of chemical education, which include the training of professional chemists and indeed all the processes by which original knowledge and investigations are made understandable and usable to others. This Division will attempt to cooperate with all other divisions of the Society, and with related organizations, since its objects cut across all boundary lines of chemistry. It shall publish a journal, called the Journal of Chemical Education, which shall be the official organ of the Division. It may, through special committees, conduct investigations and studies relating to any phase of chemical education.

Division of Chemical Health and Safety

The objects of the Division shall be to focus information on the properties of chemicals that affect humans directly or through the environment; monitor the technical aspects of the above; develop symposia and general sessions on topics related to the above at national, regional, divisional, and other meetings of the Society; foster publication and other modes of dissemination of information pertaining to the above; and, provide expertise in chemical health and safety to the Society and, in the public interest, to others as specified in the Charter of the Society.

Division of Chemical Information

The objects of this Division shall be those of the Society as they apply to chemical information and computer sciences which deal, first, with the fundamental concepts, relationships, theory, and methods pertaining to the collection, processing, communication, and utilization of chemical information and, secondly, with the theory, design and operation of systems which process chemical information. Chemical information processing is regarded as including the collection, manipulation, correlation, organization, storage, transmission, retrieval, display, reproduction, dissemination, analysis, and evaluation of chemical information. Information processing systems include computer systems, communication systems, reprographic systems, and other associated devices.

Division of Chemical Technicians

The objects of the Division shall be to increase the awareness of the important contributions that chemistry-based technicians make to the national economy and to society as a whole; to promote the technical, professional, and leadership development of chemistry-based technicians; and to advocate high standards of education, technical practice, and ethical conduct for members of the profession.

Division of Chemical Toxicology

The objects of this Division shall be (1) to provide a forum for the meeting, presentation, and discussion of research in the field of chemical toxicology that will bring together those chemists working in fields such as chemical mechanisms of acute and chronic toxicity, chemical carcinogenesis, mutagenesis, and teratogenesis, the nature of DNA, RNA, and protein reactions with highly reactive endogenously produced compounds, the development of pertinent analytical methodology, the identification of mechanisms of toxic chemical formation, the development of appropriate intervention and prevention strategies, and other related subdisciplines as they emerge; (2) to encourage further research into the mechanisms of chemical toxicity; (3) to provide a sound and fundamental scientific basis for risk assessment; (4) to provide a basis for the continuing education of our fellow chemists, related scientists, and students of chemistry in the area of chemical toxicology, and to jointly sponsor, with other Society divisions, symposia and other programs of mutual interest; (5) to increase the public welfare through an elucidation of the connection between chemical structure and biochemical action which results in toxic reactions.

Division of Chemistry and the Law

The principal object of the Division shall be to serve as a focus for the chemical-legal interface within the Society.

Division of Colloid and Surface Chemistry

The objectives of the Division shall be the advancement and development of colloid and surface chemistry.

Division of Computers in Chemistry

The objects of the Division shall be to promote all aspects of computers in chemistry through providing a forum for academia, business, government, and industry to discuss and extend the impact of computer technology on all of chemistry; constituting an interface between chemistry and computer science, mathematics, statistics, and engineering; examining computer and computer-related systems in all areas of chemistry; promoting research at the frontiers of computer usage in chemistry; and fostering interdisciplinary research by nurturing interaction with other disciplines, other Divisions of the Society, and other societies.

Division of Environmental Chemistry

The objectives of the Division shall be to promote research, disseminate information and improve education, and public awareness regarding the chemistry of the environment in all of its aspects. A further objective shall be to provide assistance to the Society and its committees and divisions in these matters.

Division of Fluorine Chemistry

The objectives of the Division shall be to provide an organization which will improve the exchange of information among chemists interested in fluorine chemistry; to arrange programs dealing with fluorine chemistry for the national meetings of the Society; to organize and conduct symposia on special topics in fluorine chemistry at times and places designated by the Executive Committee of the Division; to cooperate with other scientific organizations in the sponsorship of international symposia on fluorine chemistry.

Division of Fuel Chemistry

The object of this Division shall be the stimulation of interest, the encouragement of research, the facilitation of discussion and the fostering of publication of articles on subjects pertaining to the chemistry of fuels, both theoretical and applied. It shall be the spirit of the Division to assist and cooperate whenever possible and desirable with other scientific organizations working in the same field.

Division of Geochemistry

The purpose of this corporation shall be to encourage the highest standards of excellence in developing and applying knowledge of chemistry and related services as they pertain to the understanding and exploration of Earth's geosphere and that of extraterrestrial bodies; to promote the development of geochemical science in both academic institutions and in industry; to improve the qualifications and usefulness of geochemists through high standards of professional ethics, education, and attainment; to increase the diffusion of geochemical knowledge through its meetings, professional contacts, reports, papers, discussions, and publications, thereby fostering public welfare and education; to promote the mutual recognition of need and interest for the complete spectrum of geochemical interests, from fundamental research to pragmatic technology.

Division of the History of Chemistry

The objects of the Division shall be to stimulate study and research in the history of chemistry, to offer an opportunity for presentation of the results of such specialized study and research, and to encourage a wide general interest among all chemists in the historical phases of their science.

Division of Industrial and Engineering Chemistry

The objects of the Division shall be to encourage the highest standards of excellence in developing and applying knowledge of chemistry and chemical engineering to the products and processes of industry; to promote the development of chemical science and technology in both academic institutions and in industry; to improve the qualifications and usefulness of chemists and chemical engineers through high standards of professional ethics, education and attainment; to increase the diffusion of chemical knowledge through its meetings, professional contacts, reports, papers, discussions and publications, thereby fostering public welfare and education; to promote the mutual recognition of need and interest for the complete spectrum of chemical interests, from fundamental research to pragmatic technology.

Division of Inorganic Chemistry

The objects of the Division shall be to advance the science of inorganic chemistry; to provide an organization within which close contact among chemists interested in inorganic chemistry can be maintained; to arrange programs dealing with inorganic chemistry for the national meetings of the Society; to organize and conduct symposia on special topics in inorganic chemistry at times and places designated by the Executive Committee of the Division; and to promote the teaching of inorganic chemistry at both the undergraduate and graduate levels.

Division of Medicinal Chemistry

The objects of the Division shall be the promotion of research in the discovery and development of new medicinal agents, and, by its meetings, professional contacts, reports, papers, discussions and publications to encourage the advancement and diffusion of knowledge of the chemistry and biological activity of substances useful in medicine.

Division of Nuclear Chemistry and Technology

The objects of the Division shall be those of the Society as specifically applicable in the field of nuclear chemistry and its technology. Nuclear chemistry is meant to include studies of nuclear properties and reactions, of interactions between nuclear phenomena and chemical systems, and of chemical properties of radioactive elements.

Division of Organic Chemistry

The object of the Division shall be to foster the advancement of organic chemistry.

Division of Petroleum Chemistry

The scope of the Division shall be the science of chemistry as applied to petroleum, its products, and allied substances. This shall include the processing and manufacturing of petrochemicals and related products.

Division of Physical Chemistry

The principal objects of this Division are the advancement of knowledge in the field of physical chemistry; the advancement of knowledge in other fields of science that depend upon developments in physical chemistry.

Division of Polymer Chemistry

The object of the Division of Polymer Chemistry is to promote all aspects of polymer chemistry through facilitating high quality meetings and publications that serve the needs of the polymer community; promoting research at the frontiers of polymer chemistry; fostering interdisciplinary research by nurturing interactions with other disciplines, ACS Divisions and societies; contributing to the education of the scientific community and the public at large on the significance of polymers.

Division of Polymeric Materials: Science and Engineering

The purpose of this Division shall be the advancement of polymeric materials, science and engineering, and in specific furtherance thereof: to encourage the highest standards of excellence in developing and applying knowledge of applied polymers into the products and processes of industry; to promote the development of chemical science and technology in both academic institutions and in industry; to improve the qualifications and usefulness of chemists and chemical engineers through high standards of professional ethics, education and attainment; to increase the diffusion of chemical knowledge through its meetings, professional contacts, reports, papers, discussions and publications, thereby fostering public welfare and education; to promote the mutual recognition of need and interest for the complete spectrum of chemical interests, from fundamental research to pragmatic technology.

Division of Professional Relations

The objectives of the Division are to represent its membership and to inform general membership in professional rather than scientific matters; to increase awareness of members and to influence Society policies on professional matters through the organization of appropriate programs, conferences and discussion groups; to assess member opinions on professional matters and to make this information available to Society members through appropriate means.

Rubber Division

The Division Mission Statement is to promote the professional growth of those associated with the rubber industry and related endeavors; educate our members in both basic and leading-edge technologies; provide the scientific, engineering, and business knowledge required by our membership.

Division of Small Chemical Businesses

The objects of this Division shall be to aid in the formation, development, and growth of small chemical businesses; to address the legal, social, educational, legislative, regulatory, and economic needs of self-employed chemists and ACS members who are employed by small chemical businesses; to encourage, promote, and organize personal interaction among members of the Division and other chemists, institutions, or organizations interested in the promotion of free enterprise among chemists; to serve as a clearinghouse for information about services available to members engaged in or planning to start small chemical businesses; to provide liaison between small chemical businesses needing part-time employees and chemistry students needing income and experience; to develop symposia and general sessions with subjects or topics related to the needs and interests of small chemical businesses at national, regional, and local meetings of the Society or of the Division; to foster communication among its members by publishing the substance of its programs and symposia, by publishing a newsletter, and by other modes as may be deemed appropriate; to provide the expertise and experience of its members to the Society and for the betterment of the public.

