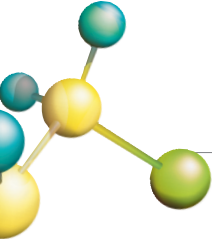


# Korean Chemical Society





# Korean Chemical Society

Founded in 1946, Korean Chemical Society (KCS) is one of the largest and most active professional organizations in Korea. KCS, whose 6,600 members comprise 11 regional chapters and 12 academic divisions, engages in a wide range of chemistry and chemistry-related areas. The Society is a member of the International Union of Pure and Applied Chemistry (IUPAC), and the Federation of Asian Chemical Societies (FACS).

## Goals

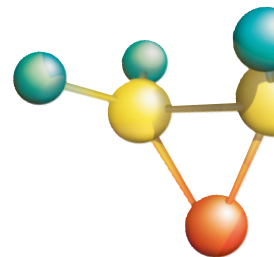
As a nonprofit professional and educational organization, KCS works to advance chemical sciences for the benefit of humankind. Our activities include:

- Promoting communication among KCS members, the chemical industry, and the community, including the government to ensure high-quality research, economic growth and public safety.
- Popularizing chemistry and nurturing future chemists through education, outreach and career development programs.
- Strengthening ties with other science and technology organizations through academic meetings and exchanges.
- Supporting national and international activities to help advance the chemical sciences.



(Korean Chemical Hall)

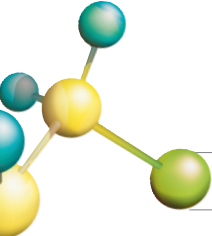
## Short History



- 1946 Founded by 53 chemists
- 1949 Published the first issue of the *Journal of the Korean Chemical Society*
- 1963 Joined the International Union of Pure and Applied Chemistry (IUPAC)
- 1979 Became an official member of the Federation of Asian Chemical Societies (FACS)
- 1980 Launched the *Bulletin of the Korean Chemical Society* (BKCS)
- 1991 Participated for the first time in the International Chemistry Olympiad (IChO)
- 1996 Celebrated its 50th Anniversary
- 2003 Founded the National Science Teacher Association
- 2004 Developed an on-line submission system for the *Bulletin of the Korean Chemical Society*
- 2006 Held a ceremony for the Year of Chemistry 2006 (designated by the Korean Ministry of Science and Technology)
- Celebrated its 60th anniversary
- Moved to its present office in the Korean Chemical Hall
- 2007 Held its 100th national meeting on October 18
- 2009 Signed the KCS-RSC International Cooperation Agreement
- 2010 Co-sponsored Pacificchem 2010
- 2011 Held various events for the International Year of Chemistry (designated by UNESCO)
- Signed the KCS-Physical Chemistry Chemical Physics Partnership Agreement
- 2012 Signed the Bilateral Cooperation Agreement with GDCh (Gesellschaft Deutscher Chemiker)
- Held 2012 Carbon Culture Award
- 2013 Held 2013 Carbon Culture Award
- 2014 Renewed the International Cooperation Agreement with RSC
- Signed the Journal Publishing Agreement (*Bulletin of the Korean Chemical Society*) with Wiley-VCH
- Renewed the Bilateral Cooperation Agreement with GDCh (Gesellschaft Deutscher Chemiker)
- 2015 Co-sponsored Pacificchem 2015
- 2016 Held International Symposium (70th Anniversary)
- Signed the KCS-CCS International Cooperation Agreement
- 2017 Renewed the Bilateral Cooperation Agreement with GDCh (Gesellschaft Deutscher Chemiker)

### ■ Korean Chemical Society has hosted the following international events:

- 1987 Asian Chemical Congress (ASCHEM'87 Seoul)
- 1995 4th International Conference on Heteroatom Chemistry
- 1996 IUPAC CHEMRAWN IX & 13th IUPAC Conference on Physical Organic Chemistry
- 1997 12th International Symposium on Macrocyclic Chemistry
- AFMC International Medicinal Chemistry
- 2005 11th Asian Chemical Congress (ACC) & 13th General Assembly of the Federation of Asian Chemical Societies (FACS)
- 2006 38th International Chemistry Olympiad (38th IChO)
- 19th International Conference on Chemical Education (ICCE) of the International Union of Pure and Applied Chemistry (IUPAC)
- 2008 15th International Symposium on Organosilicon Chemistry
- 17th International Conference on Organic Synthesis
- 2015 48th General Assembly & 45th World Chemistry Congress of the International Union of Pure and Applied Chemistry (IUPAC)



# Activities

## ■ Academic Journals and Magazines

Publication of regular academic peer-review journals encompassing entire fields of chemistry is one of the major activities of the Korean Chemical Society seeking a new leap forward, based on its 72 years of history, for sustainable development and advancement of chemistry in Korea.

Korean Chemical Society seeks to achieve the following goals through its publication of academic journals:

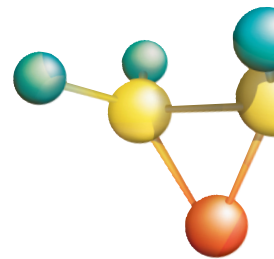
- facilitate academic activities in R&D and education in the fields of chemistry
- reach out toward the world-wide chemistry communities

< 2018 Oversea Subscription Rates of Journals Published by the Korean Chemical Society >

Title	ISSN	Volume (# of issues)	Language	Type	Subscription rate (US\$) (including air-mailpostage)		
					Member	Non-member	Institutional
<i>Bulletin of the Korean Chemical Society</i>	0253-2964	39 (12 / year)	English	journal	Online Subscription on Wiley Online Library		
<i>Journal of the Korean Chemical Society</i>	1017-2548	62 (6 / year)	English or Korean	journal	140	170	210
<i>ChemWorld</i>	1225-004X	58 (12 / year)	Korean	magazine	100	130	170
<i>Chemistry - An Asian Journal</i>	1861-4728	13 (24 / year)	English	journal	through Wiley - VCH		
<i>Asian Journal of Organic Chemistry</i>	2193-5807	7 (12 / year)	English	journal	through Wiley - VCH		
<i>Physical Chemistry Chemical Physics</i>	1463-9076	20 (48 / year)	English	journal	through RSC		
<i>ChemNanoMat</i>	2199-692X	4 (12/year)	English	journal	through Wiley-VCH		







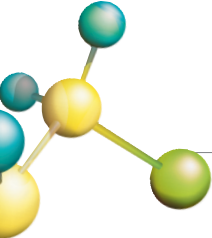
## ■ Other Publications

### -- Educational Materials for College Students

- Laboratory Manual for General Chemistry
- Video Guide for General Chemistry Laboratory
- Video Demonstration for General Chemistry
- Experiments in Physical Chemistry
- Let's Play with Chemistry  
(Korean version of 1991 Once Upon a Christmas Cheery in the Lab of Shakhshiri)
- Translation of DIDAC 1-5
- Translation of Oxygen, a play by Carl Djerassi and Roald Hoffmann

### -- Information Sources Provided by the Korean Chemical Society

- Chemistry Dictionary
- Database of journals published by the Society
- Database of environmental subjects in cooperation with the Korea Environmental Protection Agency
- Internet site <http://www.kcsnet.or.kr>
- A-Z of Chemists 2008
- Glossary of Chemical Terms
- Directory of Chemical Scientists in Korea
- Directory of Chemical Products and Manufactures in Korea
- Glossary of Chemical Terms in Korean
- Nomenclature of Inorganic Compounds in Korean
- Nomenclature of Organic Compounds in Korean



### ■ Meetings, Conferences and Seminars

- The Society holds biannual (April and October) general meetings.
- It supports meetings organized by divisions and regional chapters.

### ■ International Activities

- The Society has been an active member of the Federation of Asian Chemical Societies since 1979.
- It has been a national adhering organization of the International Union of Pure and Applied Chemistry (IUPAC) since 1985.
- It works with other international chemical societies like ACS, RSC, GDCh, CCS, CSJ, and others. It is a co-sponsor of Pacifichem.
- It made bilateral cooperation agreements with RSC, GDCh, and CCS.

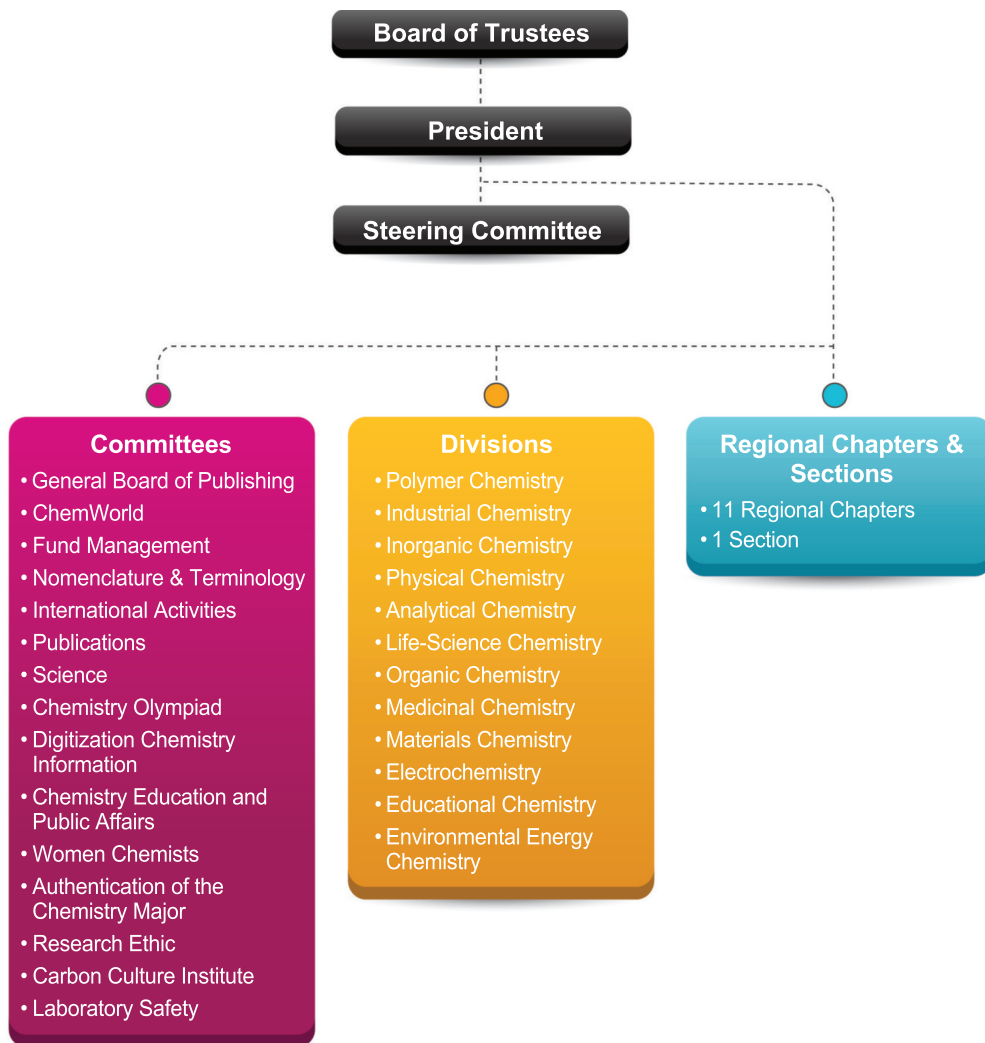
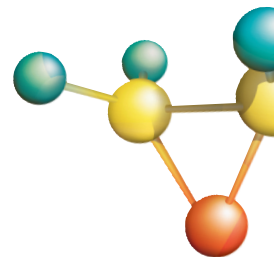
### ■ Chemical Education and Outreach Programs

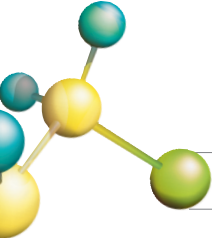
- The Society has been participated in International Chemistry Olympiad (IChO) since 1991. Received first-place award at the 31st (Bangkok, Thailand), the 33rd (Mumbai, India), the 37th (Taipei, Taiwan), the 44th (Washington, USA), the 45th (Moscow, Russia), and the 47th (Baku, Azerbaijan) Olympiads.
- It is a Sponsor of Scientific Invention Contest.
- It assists secondary school teachers in the development of chemistry curricula and education programs.
- It compiles chemical terms and nomenclature of chemical compounds in Korean.





# Organization





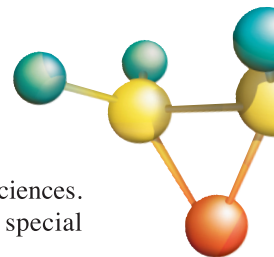
# Korean Chemical Society Awards

- **KCS Merit Award** (*Triennial*) granted to chemists who have made a valuable contributions to the advancement and development of the Korean Chemical Society.
- **Academic Excellence Prize** (*Annual*) granted to chemists who have performed excellent research or have made a great contribution toward advancement of chemical technology.
- **Award for Excellent Research Paper** (*Annual*) granted to chemists who have published the paper most frequently cited by others in the journals published by KCS.
- **Award for the Advancement of Science** (*Annual*) granted to chemists who have published the excellent research in the journals published by KCS.
- **Award for the Advancement of Industry** (*Annual*) granted to chemists who have made a great contribution to the advancement and development of the Korean chemical technology.
- **Award for the Advancement of Education** (*Annual*) granted to chemists who have published the excellent research regarding chemical education in the journals published by KCS.
- **Award for Chemical Education** (*Biennial*) granted to teachers who have made a valuable contribution to the advancement of chemical education.
- **Award for Excellent Chemistry Teachers** (*Annual*) granted to teachers in secondary school who have performed excellently well in teaching chemistry.
- **Excellent Poster Presentation Prize** (*Biannual*) granted to students who have given an excellent poster presentation in the annual meeting of KCS.
- **Award for CEO in Chemistry** (*Annual*) granted to CEOs of Korean chemical firms that support chemists and contribute to the advancement of the Korean chemical industry.
- **Awards Related to KCS**
  - Taikyue Ree Academic Award
  - Manjung Han Academic Award
  - KCS/Sigma-Aldrich Excellent Chemist Award
  - KCS-Wiley Young Scholar Award
  - i-SENS Female Chemist Award
  - Organic Chemistry Division Award for Excellent Research (Sehi Jang, Sang Chul Shim)
  - Organic Chemistry Division Award for Young Researchers
  - Macromolecular Chemistry Division Award for Advancement of Science
  - Inorganic Chemistry Division Award for Excellent Research
  - Inorganic Chemistry Division Award for Young Researchers
  - Analytical Chemistry Division Award for Excellent Research
  - Analytical Chemistry Division Award for Young Researchers
  - Material Chemistry Division Award for Excellent Research
  - Physical Chemistry Division Award (Ipjae Award)
  - Physical Chemistry Division Award for Young Researchers
  - Physical Chemistry Division Award (Kook Joe Shin Academic Excellence Prize)
  - Physical Chemistry Division Award (Myung Soo Kim Academic Excellence Prize)
  - Electrochemistry Division Award (Kyu Won Choi Academic Excellence Prize)
  - Life Chemistry Division Award (Inwon Park Academic Excellence Prize)
  - Life Chemistry Division Award (Dae-Sill Lee Academic Excellence Prize for Young Researchers)





## Membership



Membership in the Korean Chemical Society is open to anyone in the chemical sciences. Membership categories include group members (libraries and companies) and special members (companies and institutions that provide the Society financial support).

< Membership as of December 31, 2017 >

Category	Number
Life-time	3,000
Annual	845
Educational	56
Student	2,512
Group	167
Total	6,580

An annual membership is \$50 and a lifetime membership is \$2,000.

For more information on joining the Korean Chemical Society, please visit our website:  
<http://www.kcsnet.or.kr>

### ■ Office Administration

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Seokmin Shin

Vice-president (General Affairs)

Jaeyoung Sung

Executive Director

Hyun Young Kwak  
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### Editorial

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- *Journal of the Korean Chemical Society*
- *ChemWorld*

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