

# 재미한인과학기술자협회 (KSEA)

**Korean Scientists and Engineers Association**



재미한인과학기술자협회

**KSEA**

Korean-American Scientists and Engineers Association

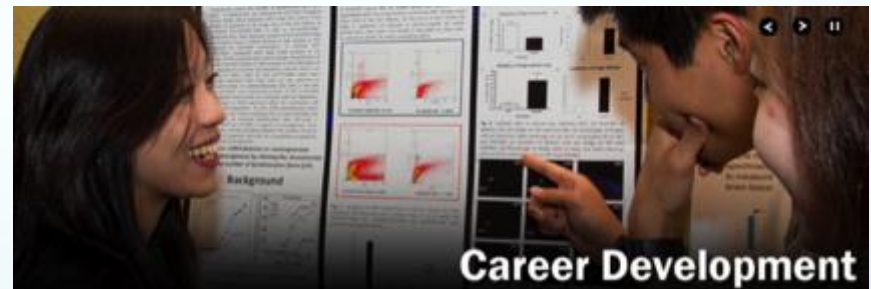
# KSEA

- **KSEA was established in 1971 as a non-profit professional organization and has grown to over 3000 registered members with 67 local Chapters and 13 technical groups across the United States**

# KSEA Mission

## Provide opportunities for:

- **US-Korea Cooperation**
- **Career Development**
- **Community Participation**
- **Professional Networking**
- **Technical Excellence**



# **KSEA Vision**

**Become a premier association with the following Business Plan:**

- **Promote the application of science and technology for the general welfare of society**
- **Foster international cooperation especially b/w the U.S. and Korea**
- **Serve the majority of ethnic Korean scientists and engineers in the US to help them develop their full career potential**

# **KSEA Video Introduction**

- **Let' s watch KSEA Video**
  - **Available on web site,**  
**<http://www.ksea.org/>**

# Long-term Strategy

## Focus on the following activities as priorities

- **Improve KSEA IT Infrastructure and Web System**
- **Improve Technical Group Support**
- **Improve Strategic Alliance with APS**
- **Support Local Chapters and Branches**
- **Support Young Generation Events**
- **Increase Young Generation Volunteers**
- **Support Next Generation Events**
- **Support KSEA Public Affairs**
- **Technical Review for Korean Gov. Project**
- **Technical Consulting for S/M Business in Korea**
- **Explore 'KSEA Foundation' in Support of KSEA**

# **KSEA: Professional**

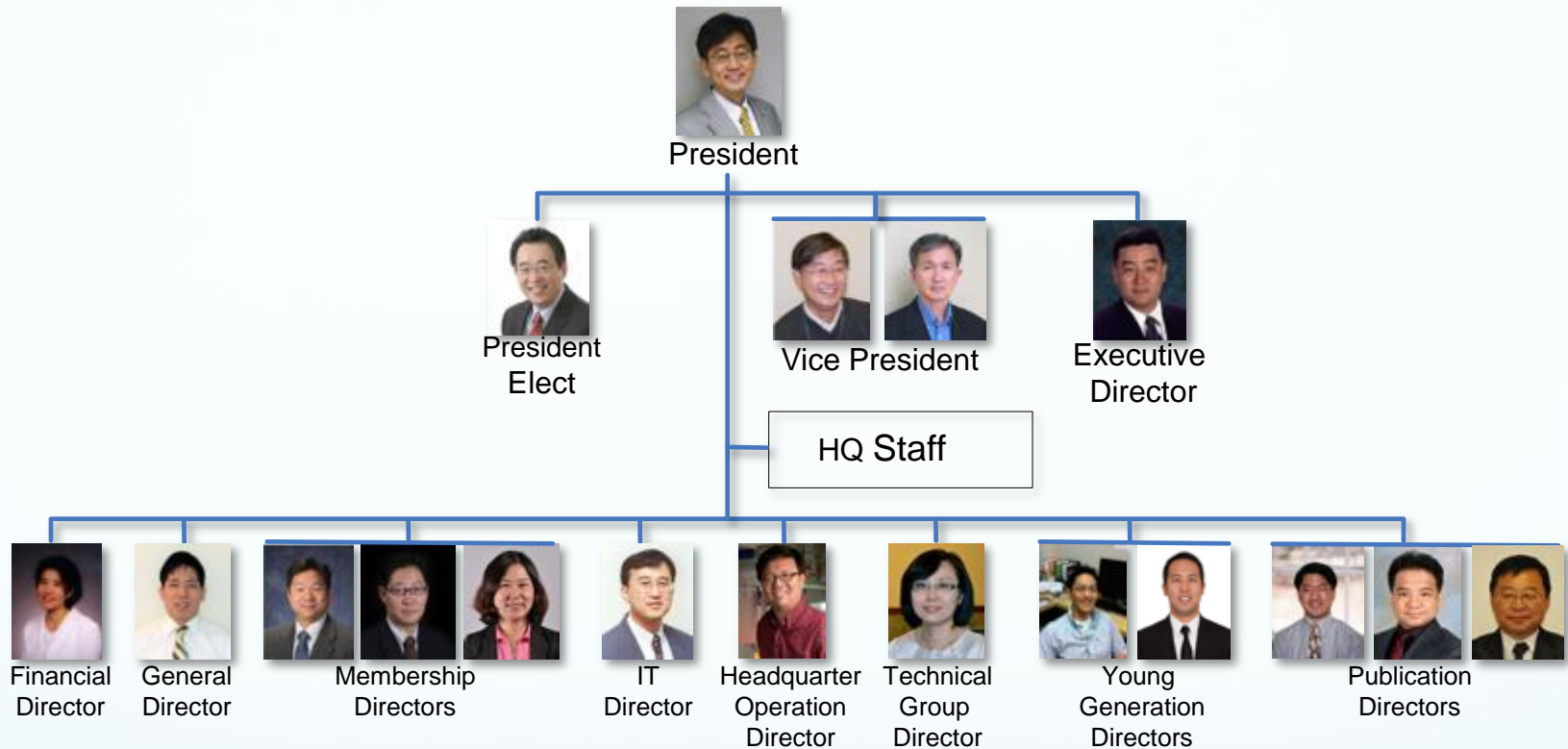
- **Scientists**
- **Engineers**
- **Technologists**
- **Educators**

# **KSEA: Opportunities**

- **International cooperation in science, technology, and entrepreneurship**
- **Career development**
- **Community services**
- **Networking opportunities**
- **Support for young generation**
- **Job Fair Participation**
- **Honors and awards**



# 40<sup>th</sup> KSEA Governance



Local Chapters

Committees

Affiliated Professional Societies



# Local Chapters

## Support Chapter Activities and Events

### Explore Strategic Alliance with APS

- 67 Local Chapters and Branches
- 13 Technical Groups
- 17 Affiliated Professional Societies



# Technical Groups

- **A: Physics**
- **B: Chemistry**
- **C: Mathematics, Geology, Meteorology, Statistics**
- **D: Biomedical Eng, Genetic Eng, Biology, Botany, Zoology**
- **E: Agriculture, Ecology, Food, Nutrition**
- **F: Medical, Pharmaceutical, Veterinary Med., Physical Edu.**
- **G: Chemical, Textile, Nuclear, Petroleum, Applied Chemistry**
- **H: Mechanical Eng, Aerospace Eng, Naval Architecture**
- **I: Material Science, Metallurgy, Mining Eng**
- **J: Civil Eng, Architecture, Environmental Eng**
- **K: Electrical & Electronics Eng, Communication Eng**
- **L: Computer Science, Systems Eng**
- **M: Industrial Eng, Mgmt Science**

# Regional Programs

- **Regional Technical Conferences**
- **Seminars/Workshops**
- **Career Development Event**



# Affiliated Professional Society

- Explore Strategic Alliance with Affiliated Professional Society
- Support APS to Promote Technical Excellence of KSEA as a Professional Organization

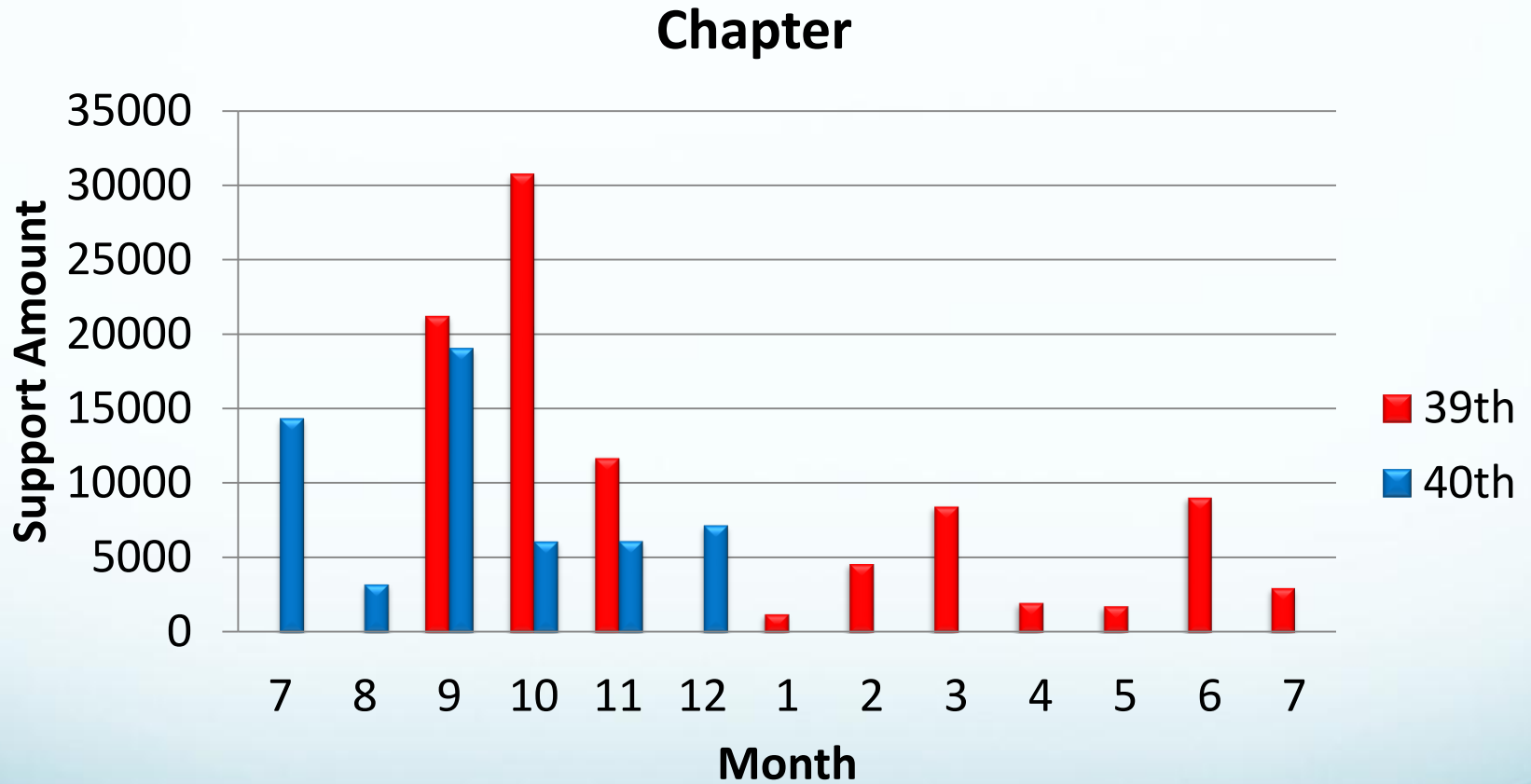


# **KSEA Public Affairs**

- **National Math and Science Competition**
- **Publish Monthly “*Scripta*” E-Letters**
- **Publish Quarterly KSEA Letters**
- **Establish Connection with News Media**
- **Annual KSEA Awards**
- **Young Investigator Grant**
- **Annual Scholarship Awards**

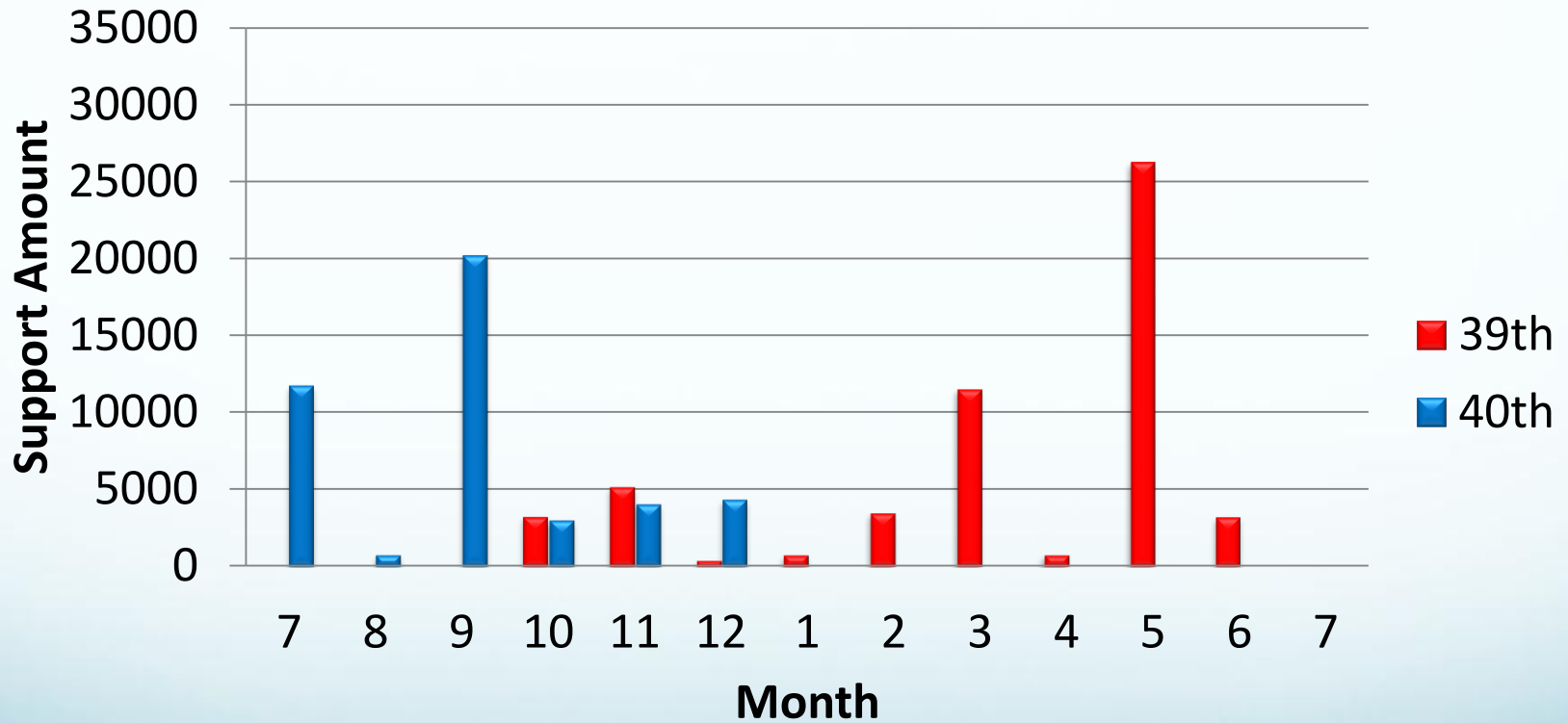


# Chapter Support by 40<sup>th</sup> admin



# APS Support by 40<sup>th</sup> admin

## APS and Others





# KSEA Paid Members Statistics

- **Total Paid Members as of 10/28/2011**

1,110 (39<sup>th</sup>) -> **1,884 (40<sup>th</sup>)**

**69.7%** increased compared to last year

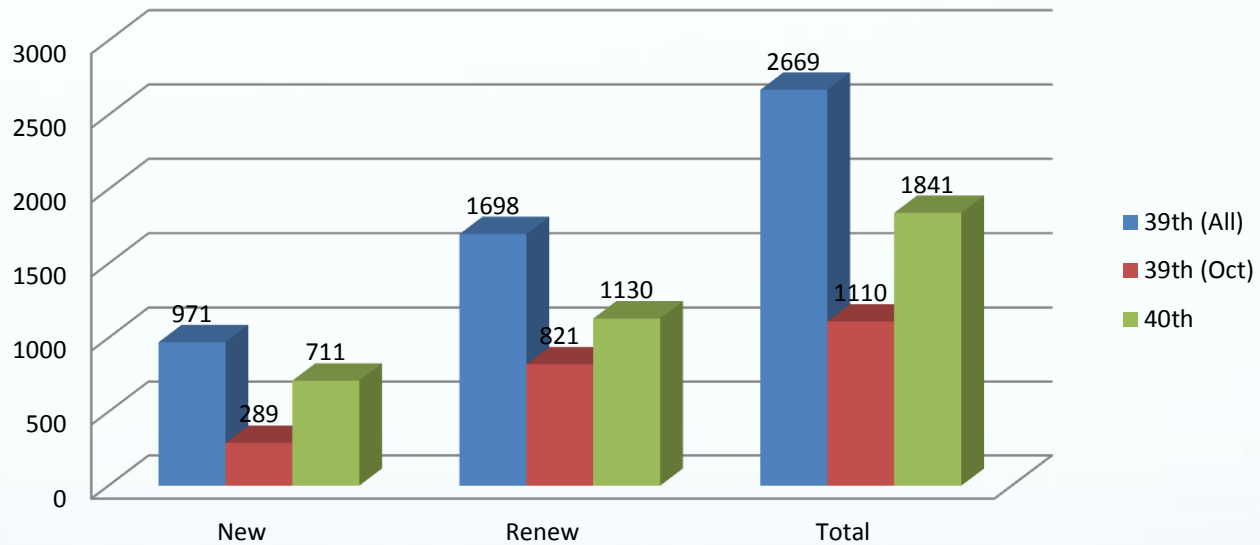
- **Total KSEA Members as of 10/31/2011**

Paid	voting eligible, but not renew yet	undergrad (since 5/1/2010)	Total
1884	1769	1018	4671



# Total Paid Members –New/Renew

## New/Renew - As of 10/28/2011



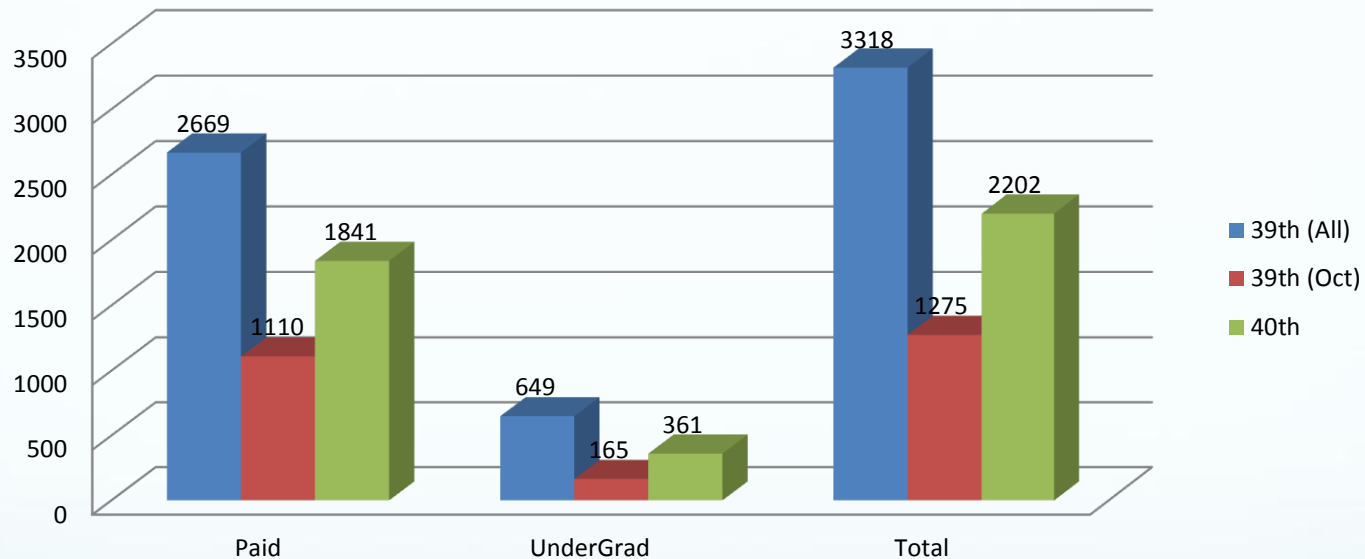
Term	New	Renew	Total
39th (All)	971	1698	2669
39th (Oct)	289	821	1110
40th	741	1143	1884





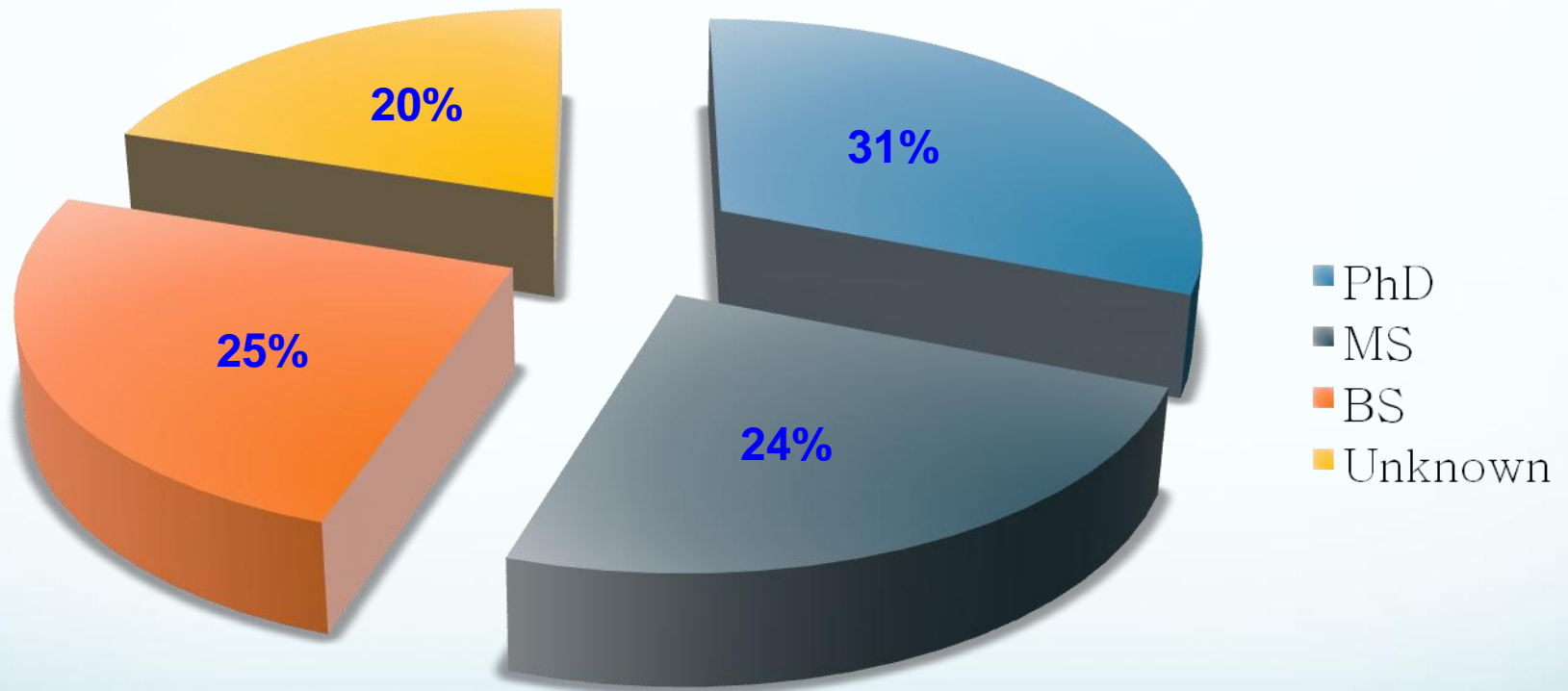
# Paid and Non Paid

**Paid / Non Paid - as of 10/31/2011**

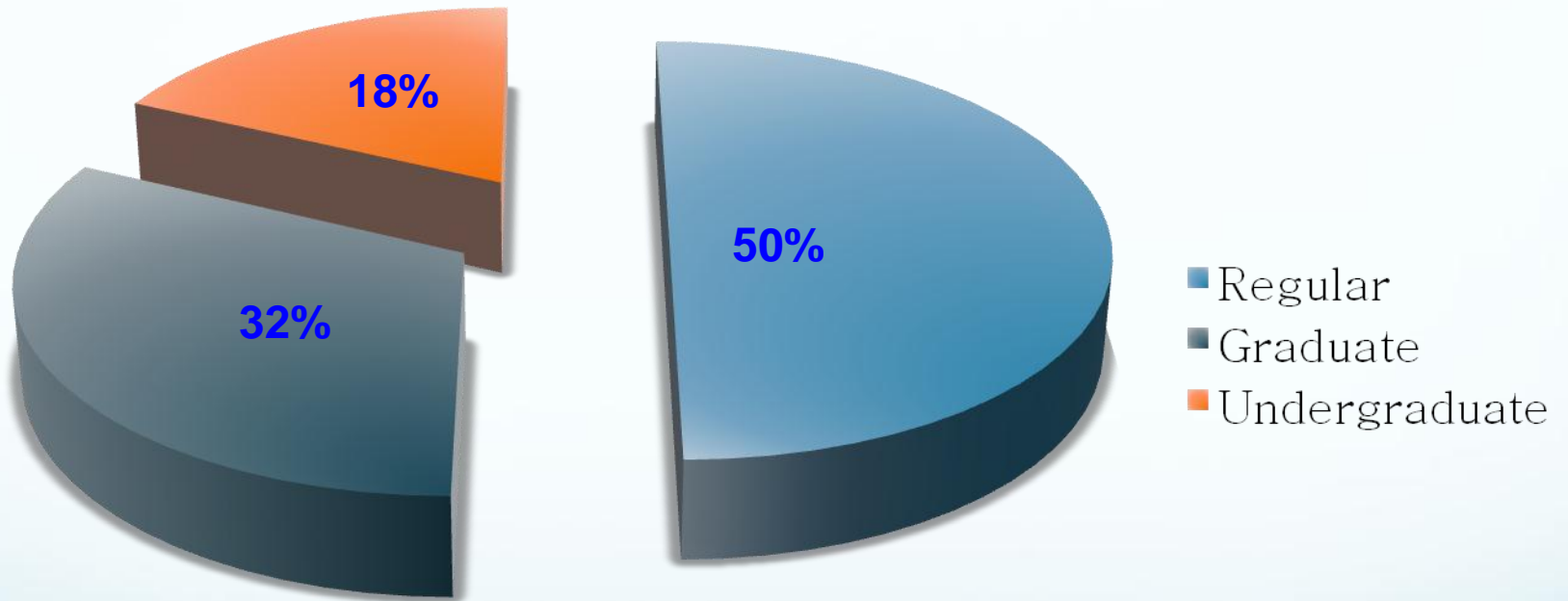


Term	Paid	UnderGrad	Total
<b>39th (All)</b>	2669	649	<b>3318</b>
<b>39th (Oct)</b>	1110	165	<b>1275</b>
<b>40th</b>	1884	372	<b>2256</b>

# Members by Degree

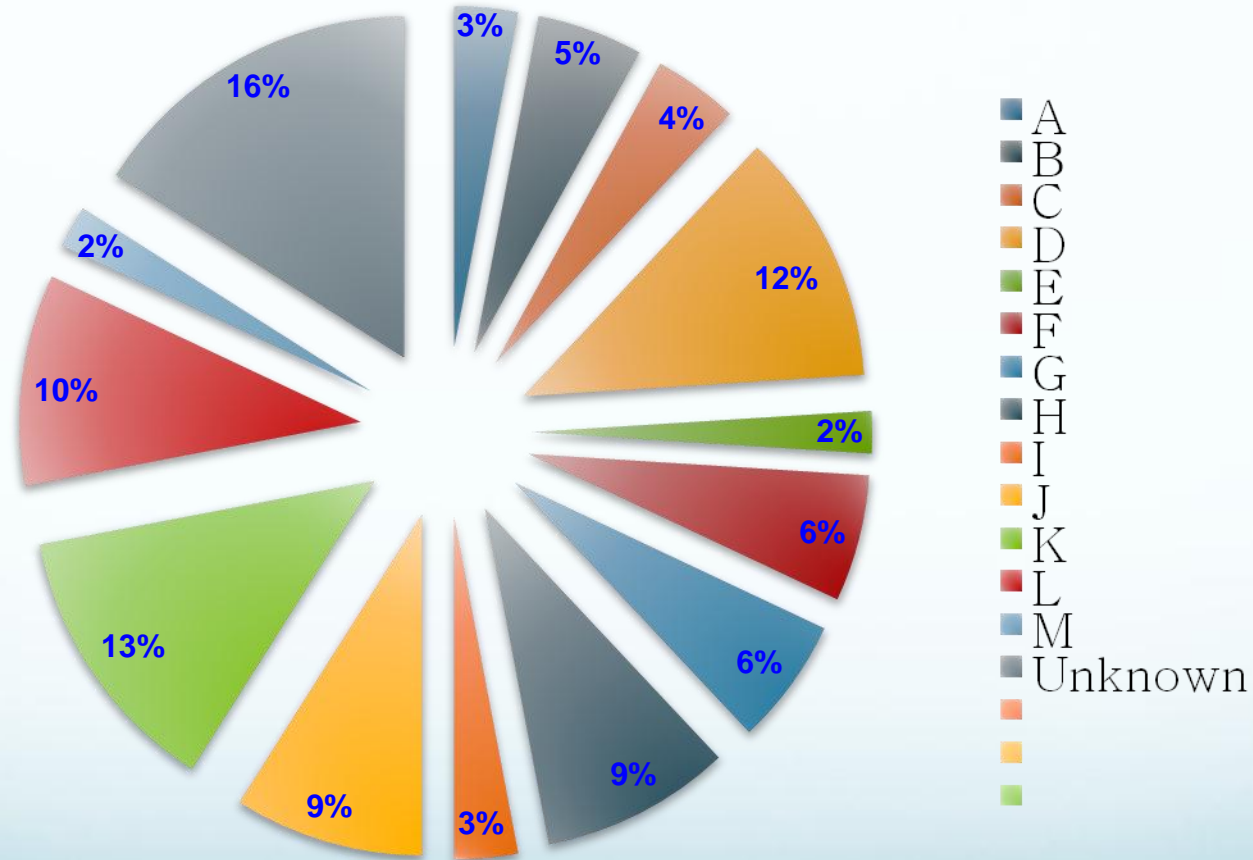


# Members by Type





# Members by Technical Group



# Membership Benefits

- **Leadership development**
- **Development of professional foundation**
- **Networking with Korean-American scientists and engineers**
- **Information of Professional Opportunities in U.S. and Korea**
- **Job Fair Participation Opportunities**
- **KSEA Awards Program**
- **Scholarship Program for Students**
- **KSEA Young Investigator Grant**

# Membership Benefits

## KSEA Letters & e-Newsletter (*Scripta*)

- Member News
- Science and Technology News
- Scholarship & Education News
- Chapter, Committee and Society News
- Annual Conference and NMSC News



# Membership Benefits

## Scholarships

- For Undergraduate & Graduate Students in the U.S.
- 50 recipients in 2011



# Scholarship Examples

- **KSEA Scholarship (multiple), \$1,000**
- **Inyong Ham Scholarship, \$1,000**
- **Hyundai Scholarship (2), \$1,000**
- **Chunghi Hong Park Scholarship (2), \$1,000**
- **Yohan and Rumie Cho Scholarship (1), \$1,000**
- **Shoon Kyung Kim Scholarship (1), \$1,000**
- **Nam Sook and Je Hyun Kim Scholarship (1), \$1,000**
- **Changkiu Riew and Hyunsoo Kim Scholarship (1), \$1,000**
- **KUSCO Grad Scholarship, multiple**

# Membership Benefits

## KSEA Young Investigator Grant

- **Recognize those who have demonstrated the outstanding early career as a young investigator in science or technology areas**
- **Two grants (\$10,000) are awarded every year.**



# Annual Nationwide Events

## UKC2011

### Park City, Utah

[http://www.youtube.com/watch?v=GR\\_qNBO4OB0](http://www.youtube.com/watch?v=GR_qNBO4OB0)

The screenshot shows the homepage for UKC 2011. At the top, there is a navigation bar with links: Home, About, Download Program, Registration, Poster, Career Fair, Venue, Exhibition, Deals, Industry Match, YQFP, Spouse, Fun. The main header features the UKC 2011 logo, the text 'UKC 2011 Park City, Utah August 10-14', and 'US-Korea Summit on Science and Engineering of 40 Years'. Below the header is a large image of a hot air balloon with 'UKC 2011' written on it, floating over a mountain landscape. To the right of the image is a search bar and a list of organizers: KSEA, KOFST, and KUSCO. Below the image, there is a section for sponsors, divided into Platinum Level (KiaT, KOSME), Diamond Level (KRCF, KOFAC, posco, LG, KETEP), and Gold Level. At the bottom, there are two portraits of the chairs: Hoin 'David' Lee (KSEA) and Seng-Dal Park (KOFST).

UKC 2011  
Park City, Utah  
August 10-14

US-Korea Summit on  
Science and Engineering of 40 Years

Home About Download Program Registration Poster Career Fair Venue Exhibition Deals Industry Match YQFP Spouse Fun

Search

Organizers

- KSEA
- KOFST
- KUSCO

Sponsors

Platinum Level

- KiaT
- KOSME

Diamond Level

- KRCF
- KOFAC
- posco
- LG
- KETEP

Gold Level

Celebrating the 40<sup>th</sup> Anniversary of KSEA  
Together with KOFST at the Canyons Resort, August 10-14, 2011

Chair: Hoin "David" Lee (KSEA) Co-Chair: Seng-Dal Park (KOFST)

# YGTLC 2012

Jan. 6-9, 2012

San Francisco, CA

<http://www.youtube.com/watch?v=I3oG4RYcg4M>



## YGTLC 2012

The Young Generation Technical and Leadership Conference

INNOVATIVE MINDS  
ENDLESS POSSIBILITIES

ABOUT PROGRAM APPLY PREPARE MEDIA SPONSORS



YGTLC  
The Young Generation Technical and Leadership Conference  
INNOVATIVE MINDS  
ENDLESS POSSIBILITIES  
JANUARY 6-8, 2012  
EMBASSY SUITES HOTEL  
SAN FRANCISCO, CALIFORNIA

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**ORGANIZER**

 **KSEA**  
KOREAN-AMERICAN SCIENTISTS AND ENGINEERS ASSOCIATION

**SPONSORS**

 **KOFST**  
THE KOREAN FEDERATION OF SCIENCE AND TECHNOLOGY SOCIETIES

 **KUSCO**  
KOREA - U.S. SCIENCE COOPERATION CENTER

**YOUNG GENERATION TECHNICAL AND LEADERSHIP CONFERENCE**

The 8th Annual Young Generation Technical and Leadership Conference (YGTLC) hosted by the Korean-American Scientists and Engineers Association (KSEA) and the Korea-U.S. Science Cooperation Center (KUSCO) is the flagship event for Korean-American young professionals, graduate and undergraduate students. The three-day program includes talks on emerging technologies, speeches from distinguished industry and academic leaders, career development, networking, and leadership programs. Sign up for the [YGTLC 2012 Email List!](#)

**CONNECT WITH OTHER PARTICIPANTS**

Want to connect with other YGTLC 2012 participants before the conference starts? Head over to our facebook page where you can see updates, get into discussions, ask questions, and get answers. [Become a fan today.](#)

**ORGANIZER SPOTLIGHTS**

Curious about who is going to be at the conference? Get to know some of the people that toil away behind the scenes of YGTLC 2012. From coffee addicts and surfers, to workaholics and cinema buffs, YGTLC attracts a wide variety of characters from all over the United States. Look for updates here on the homepage, or visit [Media](#) for a listing of our interviews and [Organizers](#) for a full list!




# **KSTLC**

**March, 2012**  
**Chicago, IL**



# National Math & Science Competition


## April 21, 2012



### National Mathematics & Science Competition 2011

재미한인과학기술자협회 KSEA (Korean-American Scientists and Engineers Association)

[Home](#) [Registration](#) [Gallery](#) [Information](#) [Contact](#)

 **Welcome to NMSC 2011**



Mathematics and Science are very important in our technological and scientific age. Proficiency in mathematics or science is the gateway to jobs and careers of all kinds. We hope that by offering National Mathematics & Science Competitions (NMSC), we can challenge and inspire Korean-American students to want to learn more mathematics and science matters.

On **April 16, 2011**, the 4th - 11th grade students will participate in the KSEA NMSC 2011 contest being offered in your state. With these contests, there are awards in each state for the student with the highest score, certificates for high-scoring students in each state, and nationwide awards.

The KSEA NMSC is dedicated to the goal of strengthen the mathematical capabilities of Korean-American students.


**NMSC 2011 Online Rgistration has been closed at April 11, 2011 Midnight.**  
Please contact your local chapter for the late registration.  
- [click here for local chapters information](#).



# UKC2012




August 8-12, 2012  
Orange County, CA

US-Korea Conference on  
Science, Technology, and Entrepreneurship

UKC  2012

*Creativity, Innovation and Integration*

Communicate, Collaborate, Discover, Learn, and Excel



Biotech  
Life Sciences  
Info Tech  
Environment  
Energy  
Marine Tech  
Material  
Venture

California  
Los Angeles  
Airport  
HYATT  
Disneyland  
Long Beach  
Airport  
John Wayne  
Airport  
Pacific Ocean

Myungmin Michael Chung  
Conference Chair &  
KSEA President-Elect

Sang-Dai Park  
Conference Co-Chair &  
KOFST President

August 8 - 12, 2012  
Hyatt Regency Orange County, California

www.ksea.org/ukc2012  
Email: ukc2012@ksea.org

# For More Information, please visit KSEA Web site

- [www.ksea.org](http://www.ksea.org)



A screenshot of the KSEA website homepage. The page features a navigation menu at the top with links for Home, About KSEA, Organization, Membership, Activities, News, and Contact Us. The main content area is dominated by a large banner for "US-KOREA Cooperation UKC 2011 Park City, Utah August 10-14". Below the banner, there is a section titled "UKC 2011 News and Announcement" with a sub-section "President on Live TV" containing a video player and text about Dr. Hoan "David" Lee's interview. Other news items include "UKC Online Registration" (closing July 27, 2011), "UKC Draft Program" (review and contact info), and "UKC Career Fair" (participates in Career Fair and Get \$50). The right sidebar contains a "KSEA MEMBER LOGIN" section with links for member login, new membership, and renewal. Below that are promotional banners for "APPLY KSEA Membership", "LOCAL Chapters", "YG Chapters", and "Affiliated Professional Societies". At the bottom right, there is a "Quick Links" section with links to KSEA Events, News, Membership, and Organization.