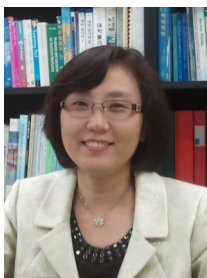




## Message from the president



Dear Fellow KWiSE members,

I am honored to serve as the 4<sup>th</sup> President of KWiSE, and I am happy to report the enthusiastic start of the new administration. I would like to thank the previous administration led by Dr. Haejung An (Food and Drug Administration) for their tireless efforts and dedication to KWiSE. I am particularly grateful to the new officers and committee members, who share our vision to carry out volunteer activities with passion and spirit of community service. I am fortunate to have two Vice Presidents, Dr. Jane Oh (NASA JPL) and Dr. Hae Young Ahn (Food and Drug Administration). I will be assisted by Executive Director, Dr. Eun-Ju Cheong (United States Department of Agriculture); Project

Director, Dr. Seongeun Julia Cho (Food and Drug Administration); Publication Director, Dr. Hey-Kyoung Lee (Johns Hopkins University); IT Director, Dr. Jong-Ae Kim (University of Maryland); Treasurer, Jayoung Wu (University of Maryland), and Web Master, Ji Hye Han (University of Maryland).

In order to increase student membership, Haewon Han, President of Korean International Student Association (KISA) at the University of Maryland will serve on the Students Council. Prof. Kyunghwa Park (Virginia Tech) and Prof. Jiyoung Lee (Ohio State University) will serve on the Award Committee. Dr. Youngin Oh (Seescan Inc.) will serve on the Fundraising Committee. The Publication Committee, Web Committee and Membership Committee will consist of a representative from each Chapter. Our presence on the web has become more important than ever before. We plan to improve our web pages to reach out to the community across the continents. We will expand Chapter support so each chapter will be able to manage its own web. The Publication Committee is energized to publish Newsletters more frequently. Since the inauguration of the 4th administration, KWiSE officers have been busy with various activities. An active membership drive is under way.

*Continued on page 2*

## Inside this issue:

The 4 <sup>th</sup> Administration of KWiSE	2
UKC2014 Report:	3-5
• KOFWST/KWiSE forum	
• Outstanding Woman Scientist/Engineer seminar	
• Lunch meeting with KWiSE	
• UKC2014 Physics Symposium	
East Coast Mentoring program	3
Featured Article	4
<i>Gendered Innovations: What is it and how it improves your research and career</i>	
Awards	5
2014 KWiSE Conference Reports	5-7
• East Coast Conference	
• West Coast Conference	
• Southeastern Chapter Conference	
Chapter Activities	7-8
• Greater DC Chapter	
• Research Triangle Park Chapter	
• San Diego Chapter	
• Southeastern Chapter	
National Math & Science Competition (NMSC)	7
Announcements	8
Sponsors	8

*Message from the president (continued from page 1)*

Chapter Presidents are encouraged to submit proposals to the Project Director to coordinate chapter activities in advance.

One of the main events in the first quarter of this term was the US-Korea Conference on Science, Technology and Entrepreneurship (UKC 2014), San Francisco, CA, August 6-9, 2014. KWise hosted a Forum entitled "Current Women's Issues in the US and Korea" in strong collaboration with the Korea Federation of Women's Science & Technology Associations (KOFWST). I would like to thank the Honorable Hee-Young Paik, former Minister of Gender Equality and Family of Korea and President of KOFWST for chairing the forum with me. I would also like to thank the outstanding speakers including the Honorable In-Sook Park, Member of the National Assembly, Prof. Heisook Lee, Director, Korea Advanced Institute of Women in Science, Engineering and Technology (KAI-WIEST), and Dr. Christine Yoon CEO, Blessing Place in the U.S. Among others, my special thanks go to the Honorable Myung-Ja Kim, former Minister of Health & Welfare of Korea and former President of KOFWST, as well as Prof. Do-Sun Na, Vice President, Korean Academy of Science and Engineering and member, Presidential Advisory Council on Science & Technology.

KWise-KOFWST also organized an Outstanding Women Scientist Seminar entitled "Dietary Approaches to Better Health," where Prof. Hei Sook Sul (University of California-Berkeley) and Prof. Eunyoung Cho (Warren Alpert Medical School of Brown University) gave invited talks. In addition, many KWise members were invited speakers in various Technical Symposia. It should also be noted that KWise members contributed to UKC 2014 by serving as organizers. These included Dr. Jane Oh, Program Co-Chair; Dr. Hee-Yong Kim, Chair of Food, Agriculture and Nutrition Symposium; Dr. Sohyun Ahn and Prof. Hey-Kyoung Lee, Chair and Co-Chair of Bio, Medical and Pharmaceutical Symposium; and myself, Co-Chair of the Physics Symposium.

I would like to thank Dr. Sung Ok Han, President of Woman Scientists and Engineers (KWSE), who led a networking lunch meeting during UKC 2014. I am looking forward to developing our collaboration. We will also continue to strengthen our cooperation with KOFWST, Korean Federation of Science and Technology Societies (KOFST), Korea-US Science Cooperation Center (KUSCO), and Korean-American Scientists and Engineers Association (KSEA).

I would like to encourage you to serve as officers and committee members for KWise and KSEA. Please feel free to send me your nomination by contacting me or any of the Directors listed above. Let me invite you all to visit our web site <http://www.kwise.org/>. Please update your profile by using "Edit My Profile" so that our database is up to date. When you renew your KSEA membership at <http://www.ksea.org/> make sure to choose KWise as an APS (Affiliated Professional Society).

Lastly, I hope many of you will attend UKC 2015, which will be held in Atlanta, GA, 29 July - 1 August, 2015. This is an annual

## The 4<sup>th</sup> Administration of KWise

President: Eun-Suk Seo (UMD)

VP West: Jane Oh (NASA/JPL)

VP East: Hae Young Ahn (FDA)

Executive Director: Eun-Ju Cheong (USDA)

Project Director: Seongeun Julia Cho (FDA)

Publication Director: Hey-Kyoung Lee (JHU)

Publication Committee

Treasurer: Jayoung Wu (UMD)

IT Director: Jong-Ae Kim (UMD)

Web Master: Ji Hye Han (UMD)

Membership Director

Membership Committee

Award Committee: Kyunghwa Park (VT), Jiyoung Lee (OSU)

Fundraising Committee: Youngin Oh (Seescan Inc.)

Election Committee

UKC Organizing Committee

Former Presidents Committee: Gye Won Han (Scripps Res. Inst.), Sanghee Yoo (Korea), Haejung An (FDA)

Chapter Presidents Board: Eun-Ju Cheong (USDA; Greater DC Chapter), Jeong-Im Woo (USC; LA Chapter), Hee-Yong Kim (NIAAA; NIH Chapter), Youngjin Park (Statistical Analysis System; RTA Chapter), Eunha Hoh (SD State Univ; SD Chapter), Jae-Kyung Lee (Emory Univ; Southeastern Chapter)

Students Council: Haewon Han & Heesoo Jeon (KISA, UMD)

*Visit [www.kwise.org](http://www.kwise.org) for updates and more information.*

conference where ~ 1,000 Korean Scientists and Engineers get together. There are a lot of interesting programs that you may enjoy. Please let KWise be close to you always. We will listen to you if you tell us what you need. We will seek to build a stronger organization, based on the foundation built by prior administrations, so many more members can benefit from KWise.

Looking forward to working with you,

Eun-Suk Seo  
President of KWise

UKC 2014 Report

KOFWST/KWiSE Forum



The Korean-American Women in Science and Engineering (KWiSE) forum entitled "CURRENT WOMEN'S ISSUES in U.S. and Korea" explored issues regarding women's welfare, education, career opportunities, and overall living qualities. Open discussions on these issues should help women scientists and engineers prepare their career and set their life goals to become true leaders. This would also help them reach out to other women around the world to improve their quality of life.

Featured speakers were Dr. Haejung An (3<sup>rd</sup> President of KWiSE; FDA, USA), Dr. Hee Young Paik (KOFWST President; Seoul National Univ., Korea), Dr. Hei Sook Lee (WiSET, Korea), Dr. Christine Yoon (CEO, A Blessing Place, USA), Dr. Insook Park (Korea National Assembly, Korea), and Dr. Jae-Hoo Chung (KIAT President, Korea). The panelists for discussion were Dr. Sue-Nie Park (EuBiologics Co. Ltd., Korea), Dr. Hee Yong Kim (NIH, USA), Dr. Jiyoung Lee (Ohio State Univ., USA), Dr. Doe Sun Na (Ulsan Univ., Korea), and Dr. Jane Oh (NASA, USA).



KOFST/Outstanding Woman Scientist/Engineer Seminar

The Korean-American Women in Science and Engineering (KWiSE) and Korea Federation of Women's Science & Technology Associations (KOFWST) presented a special seminar by outstanding women scientists who has been well recognized for their contribution to the advancement of science in both U.S. and Korea. This year, Drs. Hei Sook Sul (UC Berkeley, USA) and Eunyoung Cho (Brown Medical School, USA) have been invited both of whom have been highly esteemed for their contribution to understanding lipid metabolism and dietary impact on health and cancer and other common diseases. They spoke on the impact of dietary intake

on overall human health and common chronic diseases such as obesity and cancer currently plaguing the general public health. The event was co-chaired by Dr. Haejung An (FDA, USA) and Dr. Doe Sun Na (National Academy of Science and Technology, Univ. Ulsan, Korea). Discussion panelists were Dr. Yeon Bai (Montclair State Univ., USA), Dr. Hee-Yong Kim (NIH, USA), Dr. Jeng Im Woo (UCLA, USA), Dr. Eunok Choe (Inha Univ., Korea), Dr. Jae-Kyung Lee, Emory Univ., USA), Dr. Hae Young Ahn (FDA, USA), and Dr. Na Young Kim (Stanford Univ., USA).



Lunch Meeting with KWSE



On August 8, 2014, 12:30pm, more than twenty established Korean women scientists and engineers residing USA and Korea came together for a network luncheon meeting through KWiSE (Korean-American Women in Science and Engineering) and KWSE (The Association of Korean Woman Scientists and Engineers). The meeting was held in

*Continued on page 4*

We are launching our East Coast Mentoring Program!

Planned Activities:

- Mentoring dinner with undergraduate students: Oct. 3, 2014
- Networking event with graduate students from 4 local universities (Georgetown Univ, George Washington Univ, Johns Hopkins Univ, Univ of Maryland): late Oct., 2014
- UMD Graduate students symposium: Nov. 22, 2014

*Details will be posted on the KWiSE website: [www.KWiSE.org](http://www.KWiSE.org)*

## Featured Article

## Gendered Innovations:

### What is it and how it improves your research and career

Contributed by Dr. Hee Young Paik  
(Seoul National Univ, President of KOFWST)



The U.S. National Institutes of Health (NIH) recently announced that, beginning October, 2014, all the researchers applying for grants for preclinical research should balance the sex of the animals or cells used in the experiment. (Nature. 2014 May 15;509(7500):282-3) Since 1993, researchers have been required to include women and minorities in the Phase 3 clinical trials, but this is the first time that such requirements apply to animal and cell experiments. It is in line with the policies adapted in Horizon2020 of European Commission and other granting agencies in the world including Canada to overcome the biases in science and technology research caused by the convention of using only one sex, usually males. Science communities began to realize the social, economic, and humanitarian consequences of the lack of data on females. (Science. 2010 Mar 26; 327:1572-2) Gendered Innovations (GI), started by Dr. Londa Schiebinger, John L. Hinds Professor of History of Science at Stanford University and one of the plenary speakers at UKC 2014, harness the power of sex/gender analysis to discover and create new knowledge. Leading a team of over 60 scholars from the US, Europe, and Canada, she developed 23 cases in a broad range of fields in science and technology categorized into basic science, medicine, technology and environment. The methods used and the cases analyzed as well as recent trends and policies on gender in science and technology can be found from the website (<http://genderedinnovations.stanford.edu>). The site has been translated into Korean and made available by the Center for Women in Science, Engineering and Technology (Wiset) (<http://genderedinnovations.wiset.re.kr/>). In 2013, the Korea Foundation of Women's Science and Technology Associations (KOFWST) started work on several cases studies employing methods of gender analysis developed by Dr. Schiebinger. On August 6, 2014, the Gendered Innovations NSF-KOFWST Workshop for Expert Review was held at Stanford University to review two cases developed by KOFWST research team. (See Picture) GI is a fascinating new approaches in STEM fields because it reveals the importance of balance of researchers and research subjects for discoveries of ultimate truth in research and the applications of science research for all human-beings. It will be timely for us to become familiarize with the concept of GI and adopt in their research and work.



## UKC 2014 Report

(continued)

the Swiftwater restaurant at the Hyatt Regency San Francisco Airport Hotel during 2014 UKC (US & Korea Conference). This program was co-organized by Dr. Sung Ok Han (KWSE President), and Drs. Eun-Suk Seo (KWise President) and Haejung An (KWise Past President). Dr. Sung Ok Han opened the meeting by introducing KWSE. She explained KWSE was established as one of the first association of women scientists and engineers in Korea, and KWSE aims to contribute to the enhancement of the scientific capacity as well as to the empowerment of the women in industry, academic and research institutes. After Dr. Sung Ok Han's opening remarks, participants introduced each other in turn, one by one. During this moment, we shared our own career experiences briefly. The networking continued over a delicious lunch. After lunch, the meeting was adjourned to the KWise/KOFWST women's forum at 1:30 pm to discuss current women's issues round the world.

The meeting was both successful and enjoyable. We hope KWise and KWSE continue to collaborate each other, and facilitate greater communication & networking between Korean women scientists and engineers in USA and Korea.

Written by  
Dr. Gye Won Han,  
KWise Founding and  
1<sup>st</sup> President



## UKC2014 Physics Symposium

This year US-Korea Conference (UKC) 2014 was held in San Francisco, CA the second week of August. Physics Symposium was organized by the committee, Prof. Chueng-Ryong Ji (Chair) and Prof. Eun-Suk Seo and Prof. Bum-Hoon Lee (Co-Chairs). It consists of the total eight oral sessions in Pine Room from Aug. 7<sup>th</sup>, Thursday to Aug. 9<sup>th</sup> Saturday, and one oral session was in the part of other symposiums at the Exhibit room.

Continued on page 5

## UKC 2014 Report

(continued)

Eight oral sessions covered the wide range of physical areas: High Energy and Nuclear Physics, Space and Astrophysics, Biophysics, Optics and Plasma Physics, Theoretical Condensed Matter Physics, Experimental Condensed Matter Physics, and Quantum Informatics. What Physics Symposium at UKC provided is a place to meet physicists at a variety of different fields, but still we share common understanding, fascinated by the truth of Nature in our own circumstances. Often, in conferences, people have a tendency to attend the sessions for their own expertise; however, at UKC, I witnessed that the session participants come from different backgrounds and exchanged knowledge. Moreover, during the session organizations, the session chairs communicated among themselves to arrange the time slots in a consecutive manner, which would appeal more participants, which would be another factor to lead the successful symposium. In addition, some of participants had time to reflect ourselves: What are our dreams? Why do we study physics? Those questions would trigger the attitudes of physicists as well as the contributions to the society ultimately. The discussions about those philosophical and ethical issues went on even beyond the sessions over dinner. Thus, we would propose the next Physics Symposium would include not only technical sessions but also non-technical session emphasizing crucial aspects of the responsibility, mission and minds of physicists.

Lastly, I give comments on the gender aspect at the Symposium. Among the total 40 talks (3 Keynote, 36 Invited, 1 contributed talk), we had 7 women speakers (1 Keynote, 6 Invited speakers), yielding to be 17.5%. This indicates that almost all sessions have at least one female speaker, which is an encouraging statistics since the gender ratio in physical science field is low, around 10%. The noticeable increase in women participants at the UKC Physics Symposium would be the progressive reach-out of the Session Chairs early on. It is certainly encouraging for women physicists from different fields to gather together, exchanging physics as well as other issues. Hence, the organizers of the Symposium and the session chairs continue to invite more women physicists, which would be beneficial in the long run to the health of the fields towards the balanced perspectives. We also should consider how to motivate young

## Awards

Dr. Hei Sook Sul is the recipient of the **2014 Woman Scientist Award** from KWise.

Dr. Hei Sook Sul (UC Berkeley) gave a presentation at the UKC Outstanding Women Scientist Special Seminar organized by KWise and KOFWST. Her talk was titled "Transcriptional Regulation of Lipogenesis."



generations and support them to find joy in physics and life. I wish that UKC would continue to serve as a bridge to link between US and Korea physicists and engineers beyond the citizenship and ethnics as well as to link between professionals and students.

Written by  
Dr. Na Young Kim



## 2014 KWise Conference Reports

### 2014 East Coast Conference



KWise 9<sup>th</sup> Annual East Coast Conference was held at the University of Maryland (UMD) College Park Campus on Saturday April 19, 2014. The title of this year's annual conference was "Reaching out to young scientists," and was organized by the Greater Washington DC chapter of KWise. The meeting was opened by an introductory remark by the current chapter president, Prof. Hey-Kyoung Lee of Johns Hopkins University (JHU). This was followed by an introductory speech from Prof. Eun-Suk Seo of UMD, the president-elect of KWise. Prof. Seo outlined the relationship between KWise and KSEA, as well as the organization and missions of KWise. Prof. Lee then introduced the next chapter president Dr. Eun-Ju Cheong of the United States Department of Agriculture (USDA), who will be leading the Greater Washington DC chapter from this July.

The conference started by two keynote lectures. The first was given by Dr.

*Continued on page 6*

## 2014 KWise Conference Reports

*(Continued)*

Myung-Hee Park, who is a Section Chief at the National Institute of Dental and Craniofacial Research (NIDCR) division of the National Institutes of Health (NIH). Dr. Park presented her life long research on the functional and evolutionary significance of eukaryotic translation factor, eIF5A. The second keynote speaker was Prof. Jung-Youn Lee, who is an Associate Professor of Plant and Soil Sciences at the University of Delaware. She gave an overview of her research examining intercellular signaling between plant cells, and how it relates to developing means to strengthen plant's resistance to pathogens. Both keynote speakers also gave brief overview of their career paths.

The morning session was followed by lunch, which allowed members to network with each other in an informal setting.

The afternoon session started with Research Highlight Short Talks by younger members of the chapter, who gave brief overview of cutting-edge research on-going at regional institutes. The speakers were Dr. Eunhai Kang at Johns Hopkins Medical Institute (JHMI), Dr. Una Park at the National Institute of Neurological Disorder and Stroke (NINDS), Dr. Ann Choe at JHMI, Dr. Joo-Young Park at the National Cancer Institute (NCI), Ms. Bok-Eum Choi at Georgetown University, and Dr. Jenny Kim at the National Institute of Standards and Technology (NIST).

The last session was a panel presentation to introduce the diverse career paths in science. The panel speakers were Dr. Amy K. Flatten (Director of International Affairs, American Physical Society), Dr. Hyun Son (Senior Program Management Officer, Food and Drug Administration), Dr. Jong-in Hahm (Associate Professor of Chemistry, Georgetown University), and Dr. Hee Yong Kim (Laboratory Chief, National Institute on Alcohol Abuse and Alcoholism, NIH). The panelists outlined diverse career options and various resources that can allow one to evaluate different career options, such as myIDP. The presentation was followed by a question and answer session, where members were able to obtain valuable insights on diverse topics ranging from practical skills needed for different career options to professional difficulties faced by woman scientists.

The KWise 9<sup>th</sup> Annual East Coast Conference was a great success with over 50 participants from regional

institutes covering Washington DC, Maryland, Virginia, Delaware, and Pennsylvania. There was a notable increase in the participation of Korean-American undergraduate students (about 20) compared to previous years, which suggests that we met our goal of reaching out to the younger generation of scientists. The conference not only show-cased scientific achievements of local Korean woman scientists, but it also provided networking opportunities between the members. The career development panel was interactive and provided members with valuable information and resources for their career development. Overall, we have achieved our set goal to reach out to young scientists, and received valuable positive feedback as to how to enhance our interaction with local Korean student associations.

## 2014 West Coast Conference

The annual KWise West Coast Conference was held at the Scripps Research Institute (TSRI) Conference Room, La Jolla, California on May 17, 2014. Approximately, 60 participants attended the meeting. The meeting began with the current KWise President, Dr. An Haejung's presentation. She shared the KWise activities and achievements during her presidency and appreciated the KWise executive members for their contribution, Drs. Ko Minhee, Woo Jeong-Im, and Lim Minyoung.

Prof. Seo Eun-Suk who is KWise President-Elect, gave a keynote talk, "The Mirror World of Antiparticles". The summary is follow as: The year 2013 marked the 80th anniversary of the discovery of the positron, i.e., the antiparticle of the electron. The positron was first predicted by Dirac's theory of the electron, which is arguably the simplest possible theory consistent with both quantum mechanics and the theory of relativity. It suggests a mirror world of the one we know -- a world in which every particle has an antiparticle. The discovery of the positron, and subsequent discoveries of other antiparticles, indicates that we are indeed embedded in such a world. One of the towering mysteries is why we do not see antimatter all around us -- or to be more precise, why there seem to be no large domains of antimatter in the universe. The supposed perfect symmetry between matter and antimatter should have resulted in equal quantities of each being produced at the Big Bang. Perhaps there are indeed large reserves of antimatter out there that we just have not seen yet. She introduced findings from direct searches for antiparticles in cosmic rays and related studies.

After the keynote talk, the attendees enjoyed the catered Korean food. The afternoon session was chaired by two postdoctoral researchers, Drs. Kim Hongsuk and Lee Sin-Ae. Four young scientist and engineers gave 10-15 min short talks about their project and research. A purpose of the session was to give opportunities for young woman scientists and engineers to practice presentation and share their work with general audience. The subjects were diverse: big data analytics leading to Smartphone app, plant genetic engineering, liver disease mechanism, and protein folding mechanistic study. The presenters and the chairs were satisfied with their active roles in the meeting. Afterwards, a break for further networking was followed and then the meeting closure was made by the KWise founder, Dr. Han Gye Won. The conference organizer, KWise San Diego Chapter President, Prof. Hoh Eunha, shared her appreciation to many volunteers including KSEA-SD YG members.

*Continued on page 7*

## 2014 KWise Conference Reports

(Continued)

## 2014 Southeastern Chapter Conference

The Southeastern Chapter of KWise held its annual conference at Sonesta Gwinnett Place in Duluth, GA, on March 8<sup>th</sup>, 2014. The Southeastern Chapter had its inaugural meeting in April 2011 to accommodate the networking needs of Korean-American professional women in Atlanta area and nearby region. Since its launch, the SE chapter has held seven official meetings as two meetings per year has become a norm for the chapter. Annual conference in the spring is aligned with other chapter annual conferences where members exchange our academic work by presenting research papers. In the fall, we have tried different formats. One year, we had a full research conference and the other two meetings were of rather free style where we have informal presentations and networking. In the fall meetings, we have an administrative session to elect chapter presidents and VPs and discuss chapter activities and plans.

This year's spring conference in March, 2014 was organized as a joint event with the KSEA Georgia Chapter. As majority of KWise SE chapter members have dual membership with KWise and KSEA, synergy effect was intended and created. The total of 24 women professionals attended the KWise sessions this year. The first session was an academic session chaired by Dr. Jae-Kyung Lee (Emory University), president-elect of the SE chapter. Dr. Eun Seok Cha from Emory University started the session with a presentation, titled "Barriers Affecting Self-management Behaviors in Korean American with Type 2 Diabetes". The next speaker was Dr. Jaehwa Choi from Mercer University talking about "Pharmacogenomics: 20th Century Science and 21st Century Drug Therapy" followed by Dr. Hye-Jeong Lee from Vanderbilt University sharing her research titled "Contribution of Hepatic/Uptake transporters OATP1B1/OATP1B3 to the Disposition of Docetaxel." The last speaker was Dr. Heesoo Joo, an economist from Center for Disease Control and Prevention, hitting a general interest topic of "Informal Caregiving Cost Associated with Stroke". The academic session was followed by the another KWise session with the opening remarks by the chapter president, Dr. Sunyoung Cho from Georgia Gwinnett College. The chapter president briefed the history and activities of the KWise SE chapter and announced the official election results of the fall 2013 by introducing the next FY chapter leadership. The session concluded with the introduction of each member.

It is noticeable that the SE chapter adds new members every meeting with six new members joining the chapter in the spring conference. Another noteworthy aspect is that the SE chapter serves members from diverse fields of study or fields of interests including economics, psychology, digital media, and the like, though we have a majority of members from science and engineering.



## Chapter Activities

## Greater DC Chapter

The Greater DC Chapter hosted the 9<sup>th</sup> Annual East Coast Conference on April 19, 2014 at the University of Maryland College Park campus. It was a great success with participation of members from Washington DC, Maryland, Virginia, Delaware, and Pennsylvania.

Dr. Eun-Ju Cheong at the USDA will be the next president for the Greater Washington DC chapter. The Steering Committee members met for brunch on August 24, 2014 to discuss the future of the chapter under the new leadership of Dr. Cheong.



Anyone interested in joining the Greater DC chapter, please contact: [kwise.greatdc@gmail.com](mailto:kwise.greatdc@gmail.com)

For more information on our activities, visit our website: [www.kwise.org/east/](http://www.kwise.org/east/)

*Continued on page 8*

## National Math and Science Competition (NMSC)

April 18, 2015 (Saturday)

Math: 4<sup>th</sup> – 11<sup>th</sup> grade students

Physics: 9<sup>th</sup> – 11<sup>th</sup> grade students

Location will be determined by each participating chapter. KWise will give awards for the top 3 Female National Winners!

Details will be posted @ [www.KWise.org](http://www.KWise.org)

Chapter Activities

(Continued)

**Research Triangle Park Chapter**

The RTP (Research Triangle Park) Chapter will host a Welcoming Reception for new students and researchers on October 21, 2014. The event will be held at the Inter Korea House (4731 N. Carolina 55, Durham, NC 27713) from 6:30pm. KWiSE president Prof. Eun-suk Seo will be present at the event.

For more information on our activities, visit our website: [www.kwise.org/research-triangle-park/](http://www.kwise.org/research-triangle-park/)

**San Diego Chapter**

**KWiSE 8th Annual West Coast Conference**



**KWiSE PROUDLY PRESENTS DR. EUN-SUK SEO'S LECTURE, "THE MIRROR WORLD OF ANTIPARTICLES"**

Date: May 17, 2014  
 Time: 9:30 am—3 pm  
 Location: 3535 General Atomics Court  
 La Jolla, CA 92037  
 Parking is free

“The apparent “asymmetry” of matter over antimatter and the nature of dark matter in the universe are still mysteries in spite of the rapid progress in physics over the last century. Dr. Seo will report recent discoveries from direct searches for antiparticles in cosmic rays and related studies.

Professor Eun-Suk Seo, University of Maryland is Fellow of the American Physical Society, Principal Investigator, Cosmic Ray Energetics And Mass. Many awards from NASA and NSF, as well as PEACASE (President Award)

Lunch is provided  
 Refreshments are provided

For registration and further information: [www.kwise.org](http://www.kwise.org)  
[info.kwise@gmail.com](mailto:info.kwise@gmail.com)

**KSEA** Korean-American Scientists and Engineers Association  
**KOFST** 한국과학기술단체총연합회  
**KUSCO** KOREA - U.S. SCIENCE COOPERATION CENTER

The San Diego Chapter hosted the 8<sup>th</sup> West Coast Conference on May 11, 2014 at the Scripps Research Institute, La Jolla, California. The keynote speaker was Prof. Eun-Suk Seo, who was then the president-elect of KWiSE. She gave a talk titled “The Mirror World of Antiparticles.”

For more information on our activities, visit our website: [www.kwise.org/san-diego/](http://www.kwise.org/san-diego/)

**Southeastern Chapter**

The Southeastern Chapter held its regional chapter meeting on March 8, 2014 at the Sonesta Gwinnett Place Hotel, Duluth, GA.

2014 Southeast Chapter

KWiSE Regional Meeting



March 8 (Saturday), 2014  
 Sonesta Gwinnett Place Hotel, Duluth GA

**KWiSE** Korean Women in Science and Engineering

Organizing Committee  
 Dr. Sunyoung Cho (President)  
 Dr. Je Kyung Lee (Vice President, President-elect)  
 Dr. Sang-Il Moon (Secretary, VP-elect)  
 Dr. Chaitry Jeon (Secretary-elect)

For more information on our activities, visit our website: [www.kwise.org/se/](http://www.kwise.org/se/)

Announcements



GNetKOWST Forum will be held on November 14, 2014 in Seoul, Korea.

More information @ [www.kofwst.org](http://www.kofwst.org)



UKC 2015 will be held in Atlanta, Georgia from July 29 to August 1, 2015.

More information @ [www.ksea.org](http://www.ksea.org)

Sponsors

