



OFFICIAL NEWSLETTER OF KOREAN-AMERICAN WOMEN IN SCIENCE AND ENGINEERING

## MESSAGE FROM THE PRESIDENT

MIHYEON(CHRISTY) JEON, PHD  
9TH KWISE PRESIDENT



Dear fellow KWise members and friends,

Greetings from Atlanta, and happy spring/summer to everyone! It has been a truly rewarding year and a half working closely with our members and friends to further the mission and goals of KWise: promoting networking, career development, and international cooperation. Reflecting on 2023, some recent highlights include the Global Cross Mentoring program, science, technology, engineering and mathematics (STEM) Career Talk Concerts covering cutting-edge topics such as AI and climate science/technology, the Distinguished Women in STEM Forum at the US-Korea Conference (UKC), Annual Regional Conferences, and various networking events. In July 2023, I had the opportunity to visit South Korea to attend the 1st World Congress of Korean Scientists and Engineers and the Global Network Forum (GNet Forum) of Korean Women in Science and Technology Associations, where I connected and communicated with global women leaders in STEM. Internally, the 9th administration also placed strong emphasis on standardization and refinement of important KWise operations.

The year 2024 holds special significance for us as it marks our 20th anniversary since Dr. Gye Won Han, our first and founding president, established KWise in San Diego with a small group of Korean women in STEM back in 2004. In this newsletter, we feature a brief summary of our story and beginnings through Dr. Han's eyes, so I hope you do not miss that! We have grown and evolved steadily since then. All of these achievements would not have been possible without the utmost dedication and commitment from our outstanding leaders and volunteers, including the 9th headquarter administration staff, past presidents and administration staff, and local chapter presidents and their staff. I will be forever grateful for their leadership, guidance, support, and friendship, and I look forward to our future journey together. Equally important, I truly appreciate our partnerships and financial support from our sponsors: Korea Foundation for Women in Science, Engineering and Technology (Wiset), Korea Foundation of Women's Science & Technology Associations (KOFWST), Korean-American Scientists and Engineers Association (KSEA), and Korea-U.S. Science Cooperation Center (KUSCO).

On a personal level, ever since I first learned about KWise in 2011 with the inauguration of the Southeast Chapter, I have met many friends and peers through KWise who I can depend on and share our common goals and life experiences. Some of my fondest memories include our Friday monthly lunch gatherings (now becoming Saturday bimonthly lunch gatherings), annual conferences, mentoring events, and book club socials. I hope KWise will continue to provide a valuable platform for women in STEM, like myself, to meet and enjoy each other's company day-to-day.

In the era of digital transformation, the role of women leaders in STEM is becoming increasingly critical. We will continue to walk hand in hand to promote diversity, equity, and inclusion by empowering Korean women in STEM to reach their full potential, strengthening the pipeline of next-generation women leaders in STEM, and pioneering the future with new ways of thinking for our planet and its people. I would like to end with one of my favorite quotes that aligns well with the mission of KWise:

"A dream you dream alone is only a dream. A dream you dream together is reality." - Yoko Ono"

Warm regards,

*Christy Jeon*

# Annual Supporters 2024



*Thank you to our 2024 Annual Supporters*

**WiSET**  
한국여성과학기술인육성재단



Korea Federation of  
Women's Science & Technology Associations



대한여성과학기술인회  
The Association of  
Korean Woman Scientists & Engineers



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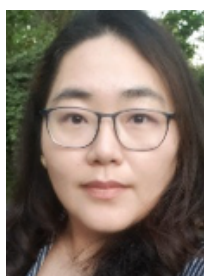
President Dr. Mihyeon Jeon  
AtkinsRéalis



Headquarter Officers



Vice President (West)  
Dr. Bo Young Park  
California State University Fullerton



Vice President (East)  
Dr. Sung-Sil Moon  
CDC



IT Director  
Dr. Hyesung Park  
Georgia Gwinnett College



Mentoring Director  
Dr. Sohyun Park  
CDC



Leadership Advisory Member  
Dr. Heesoo Joo

Chapter Presidents



LA Chapter  
Dr. Youbin Kim  
University of  
Southern California



SD Chapter  
Dr. MinJin Kang  
Luxvitae therapeutics



NY/NJ Chapter  
Dr. Sungeun Choi  
Queens College, CUNY



TX Chapter (Interim)  
Dr. Yangjin Bae  
Baylor College  
of Medicine



D.C. Chapter  
Dr. Eunjin Han  
USDA



NIH Chapter  
Dr. Youngmi Ji  
NIH

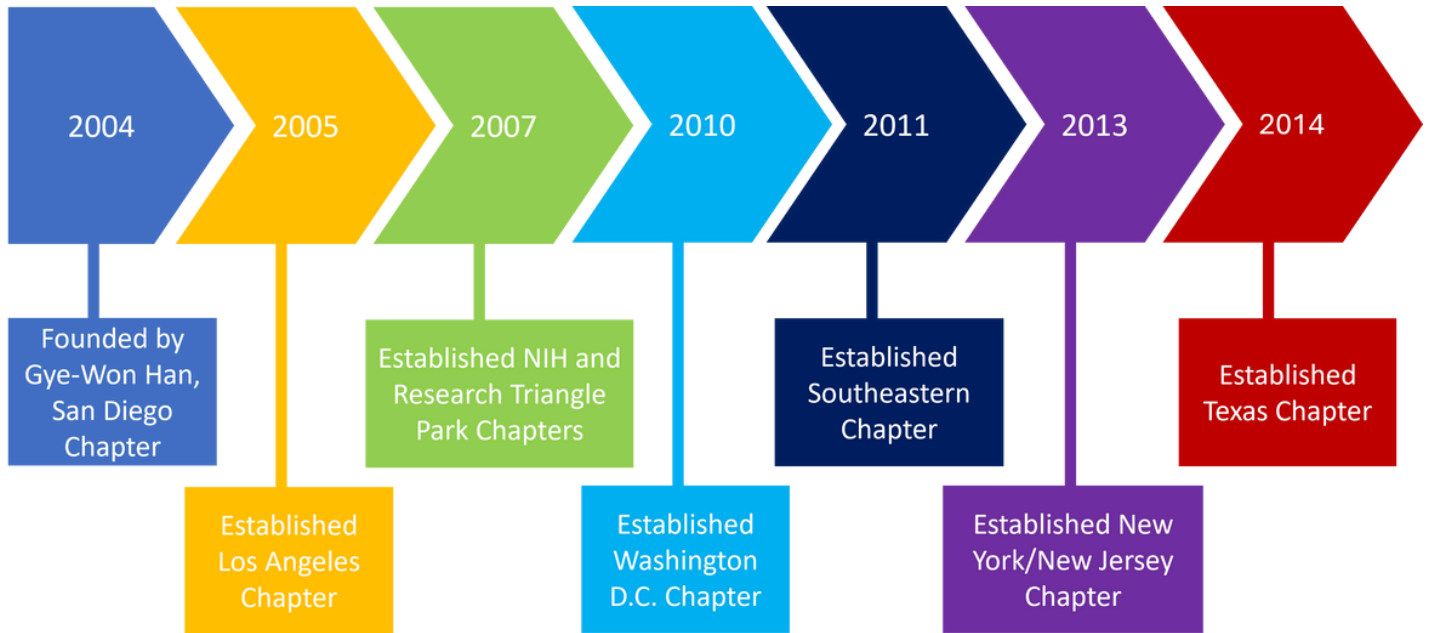


SE Chapter  
Dr. Hyesung Park  
Georgia Gwinnett College

# KWiSE Turns 20!

Happy 20th birthday KWiSE! A heartfelt thank you to all KWiSE members for your ongoing support. We extend special appreciation to past KWiSE headquarters officers, steering committee members, chapter presidents, and chapter administrations for their invaluable contributions. Here's to another two decades of success ahead!

## We are growing! History of KWiSE

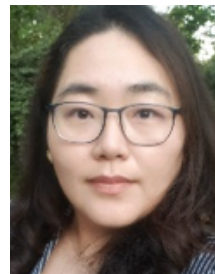


### Past and Current Presidents of KWiSE

Special thanks to those who have served as KWiSE Presidents!

- 1st **Gye Won Han (University of Southern California)**
- 2nd **Sanghee Yoo (Qureator)**
- 3rd **Heajung An (Food and Drug Administration)**
- 4th **Eun-Suk Seo (University of Maryland)**
- 5th **Jane Oh (National Aeronautics and Space Administration)**
- 6th **Hee-Yong Kim (National Institutes of Health)**
- 7th **Heykyoung Lee (Johns Hopkins University)**
- 8th **Jayoung Kim (University of California, Los Angeles)**
- 9th **Mihyeon (Christy) Jeon (AtkinsRéalis)**

### KWiSE 10th President-Elect



**Sungshil Moon, PhD**

Dr. Sung-Sil Moon is a highly esteemed senior microbiologist at the National Center for Immunization and Respiratory Diseases (NCIRD) within the Centers for Disease Control and Prevention (CDC).

With over two decades of specialized expertise in virology and vaccinology research, she actively participates in global collaborations, spearheading numerous vaccine development initiatives. Dr. Moon also holds the role of East Vice President at KWiSE, where she plays a pivotal mentoring role, particularly supporting Korean and other minority ethnic groups. Her contributions are instrumental in fostering Diversity, Equity, and Inclusion (DEI) initiatives within NCIRD/CDC. Previously, she served as a Southeastern chapter president and has been honored with the 2021 Outstanding Women Scientist Award, the KWiSE Best Mentor Award, and multiple scientific and innovation accolades from the CDC.

# KWiSE Turns 20!

## 20-Year Reflection: KWiSE's Inaugural Momentum

Gye Won Han, PhD  
The 1st and Founding President  
of KWiSE



Congratulations on the Korean-American Women in Science and Engineering (KWiSE) 20th anniversary! It's my great honor to share the beginning momentum of the KWiSE. As we know, KWiSE ([www.kwise.org](http://www.kwise.org)) was born with a handful of Korean- American women scientists from The Scripps Research Institute (TSRI, currently Scripps Research), UCSD, Sanford Burnham Prebys and La Jolla Institute for Immunology (LJI) in La Jolla, California with the mission: To establish and strengthen the network of Korean-American Women in Science and Engineering-related fields, To facilitate communication and cooperation between our members, To promote their career development and success, and To foster international collaboration between the U.S. and Korea. Our first meeting took place on Oct 21, 2004, in a seminar room at the TSRI. More than twenty local Korean-American women professionals gathered and shared their visions, ideas and knowledge. It was an impressive turnout, with enthusiastic individuals excited to meet new faces in the field. This meeting provided a platform for members to form bonds and get to know each other, fostering collaboration within the community.

### KWiSE First Meeting

The Scripps Research Institute, La Jolla CA  
October 21, 2004



In the spring of 2005, KWiSE-San Diego initiated KWiSE Student Awards to the highest-scoring high school girls in the KSEA National Math Competition. Subsequently, additional KWiSE chapters also joined, and this initiative has evolved into a cherished tradition with KSEA. In the same year, KWiSE organized the 2005 Women's Forum and Symposium during the U.S. and Korea Conference (UKC). These collaborative initiatives marked the beginning of a long-standing partnership with KSEA.

Concurrently, the first KWiSE newsletter in Spring 2005 marked a milestone, sharing of insights and updates, further solidifying KWiSE's commitment to fostering connections and empowerment among Korean-American women in science and engineering.



# KWiSE Turns 20!

## 20-Year Reflection: KWiSE's Inaugural Momentum -Continued

The inaugural KWiSE Annual Meeting in November 2005, supported by The Global Network of Korean Scientists & Engineers (KOSEN) and KSEA. Many postdocs and students shared delicious Korean meals together, and participated in career networking.



In 2007, the first East and West Coast meetings of the KWiSE were held as our proposal was accepted by the Korea-US Science Cooperation Center (KUSCO). Later, these two meetings merged into the “KWiSE West and East Annual Conference.”

Additionally, the KWiSE Woman Scientist Award was established in the same year to recognize outstanding scientists who also make significant contributions to KWiSE. The first Award was given to Dr. Sooja Kim (Chief, Center for Scientific Review at NIH). Since then, KWiSE Woman Scientist Award has been presented annually.



The following year, in 2008, KWiSE proudly received the Amore Pacific Award – Group Development Award (단체진흥상) at the International Convergence Meeting of the Korean Federation of Women in Science and Technology (KOFwST), hosted at the Hoam Faculty Club in Seoul, Korea.

This prestigious recognition acknowledged KWiSE's significant contribution as a professional network for women scientists and engineers in both the U.S. and Korea, and its ongoing efforts to foster further development of these connections worldwide.



As we honor our 20th anniversary, our dedication to supporting Korean-American women in STEM remains steadfast. We will definitely continue to thrive, innovate, and pave the path for a brighter future for Korean-American Women in Science and Engineering for many more years to come.



Throughout the period spanning May 2023 to April 2024, KWiSE members enthusiastically participated in various activities, fostering robust engagement and interaction within the community. KWiSE headquarters played a pivotal role in orchestrating these member events, ensuring seamless coordination and facilitation. Detailed descriptions of the activities organized by each KWiSE chapter can be found under their respective headings on pages 8-20, along with brief information and flyers provided by KWiSE HQ.

## UKC 2023: KWiSE-WISET Women in STEM Forum in collaboration with KOFWEST-KWSE

2023 US-KOREA CONFERENCE

### KWiSE-WISET WOMEN in STEM FORUM

in collaboration with KOFWEST-KWSE

#### Forum Chair & Co-Chairs



**Dr. Mihyeon Jeon**  
KWiSE (Chair)



**Dr. Aree Moon**  
WiSET



**Dr. Myongsok Oh**  
KOFWEST



**Dr. Seong Jin Ju**  
KWiSE



**Dr. Byung-Joo Min**  
KIAT (Special Guest)

**1PM - 4PM**  
Thursday, August 3, 2023  
Developers Room

**KWiSE WiSET**



## Distinguished Forums



**UKC 2023 Distinguished Forum**  
KWiSE-WISET Women in STEM Forum

In collaboration with KOFWEST-KWSE

1:00pm, August 3, 2023, Thursday, Developers



**KWiSE Forum**

After an opening session by KWiSE and WiSET, KWiSE-WISET Session will discuss the current and planned global collaborations in women in STEM and future directions. Speakers will share examples of various on-going successful global collaborations, including Korea-US and Korea-UK, based on these examples, we will discuss how women scientists and engineers can further strengthen existing collaboration and foster new collaborations.

The KWiSE-KOFWEST Session will discuss future directions and vision of organizations working for women in STEM, vision and path forward of the two organizations (KOFWEST and KWiSE) will be shared, then a panel discussion will follow on how to empower women scientists and engineers. This forum is designed to be an interactive and engaging event for foster networking and mentoring among the attendees. The forum will provide an excellent opportunity for the participants to learn from the women leaders in the STEM fields and get inspired to become a future leader in STEM.



**Mihyeon Jeon**  
Chair  
Atkins



**Aree Moon**  
Co-Chair  
WiSET



**Myongsok Oh**  
Co-Chair  
KOFWEST



**Seong Jin Ju**  
Co-Chair  
KWiSE



**Byung-Joo Min**  
Special Guest  
KIAT



**Jinah Park**  
Speaker  
KAIST (KWiSE)



**Young-Sil Kwak**  
Speaker  
KAIST (KWiSE)



**Minchul Song**  
Speaker  
ADD (KWiSE)



**Hae-Kyung Ahn**  
Speaker  
The Sainsbury Laboratory



**Sungil Moon**  
Speaker  
CIC (KWiSE)



**Oh Nam Kwon**  
Speaker  
Seoul Natl. Univ. (KOFWEST)



**Ran Baik**  
Speaker  
Hawaii University (KOFWEST)



**Eun-Suk Seo**  
Speaker  
University of Maryland (KWiSE)

<https://ukc.kwi-se.org>

2023 US-KOREA CONFERENCE

### KWiSE-WISET WOMEN in STEM FORUM

in collaboration with KOFWEST-KWSE

1-4PM, Thursday, August 3, 2023  
Developers Room

#### KWiSE-KWSE SESSION

Global Collaboration among Women in STEM



**Dr. Seong Jin Ju**  
ADD (KWiSE)



**Dr. Young-Sil Kwak**  
KASI (KWiSE)



**Dr. Jinah Park**  
KAIST (KWiSE)



**Dr. Minchul Song**  
ADD (KWiSE)



**Dr. Hae-Kyung Ahn**  
The Sainsbury Laboratory



**Dr. Sungil Moon**  
CDC (KWiSE)

#### KWiSE-KOFWEST SESSION

Future Directions/Vision of Women in STEM



**Dr. Myongsok Oh**  
KOFWEST  
Atkins (KWiSE)



**Dr. Mihyeon Jeon**  
KWiSE



**Dr. Oh Nam Kwon**  
Seoul Natl. Univ. (KOFWEST)



**Dr. Ran Baik**  
Honam Univ. (KOFWEST)



**Dr. Eun-Suk Seo**  
Univ. of Maryland (KWiSE)



**Dr. Bo Young Park**  
CSU Fullerton (KWiSE)

## 2023 KWiSE Annual Conferences

### NY/NJ Chapter



**The KWiSE-KOWIN Joint Seminar**  
"Growing Global"



**Korean-American Women in Science and Engineering (KWiSE)**  
The KWiSE-NY/NJ chapter appreciates women leaders of scholars and engineers in a wide range of basic and applied science fields. We are primarily based in New York, Metropolitan and New Jersey area.

**Korean Women's International Network (KOWIN)**  
KOWIN NY chapter is a global network of women of Korean descent who are leaders in their respective fields. We equip and enable women to find success in their fields, be a positive influence and inspiration in their communities, and serve as role models to the next generation.

#### Our Speakers



**Euy Whan Kim**  
Consul General  
Consulate General of the Republic of Korea in New York



**Hyojin Kim**  
PhD  
Associate Professor  
New Jersey Institute of Technology



**Haekyung Kwon**  
DA, LP, NCPyA  
Psychologist and Creative Arts Therapist



**Janice H. Logan**  
PhD  
Partner Attorney  
Morgan Lewis



**Yuna Yang**  
Founder  
iCreative Director  
Yuna Yang Collection

**Program**

6:00 pm - 6:30 pm	Welcome Reception
6:30 pm - 6:50 pm	Opening Remark and Introduction
6:50 pm - 7:15 pm	Special Guest: Consul General Euy Whan Kim
7:15 pm - 7:40 pm	Dr. Hyojin Kim (Title: Measurement Science for High Performance Building Design)
7:40 pm - 8:05 pm	Dr. Haekyung Kwon (Title: Science of Emotional Regulation)
8:05 pm - 8:30 pm	Dr. Janice H. Logan (Title: Career in Patent Law as a Female Scientist)
8:30 pm - 8:55 pm	Yuna Yang (Title: Requirements & Virtues of Global Fashion Leader)
8:55 pm - 9:00 pm	Closing Remark

Thursday October 12, 2023

6:00 PM - 9:00 PM

Morgan Lewis LLP  
101 Park Avenue, NY

Open to Public  
Inscribed Book

<https://forms.gle/bJ1ZwF0MtgAAQY7m8>  
by October 9, 2023





### SE Chapter



**2023 KWiSE Annual Conference**  
Southeastern Chapter

October 28, 2023 (Saturday) 10 AM - 4 PM

Gwinnett County Public Library, Norcross Branch  
5735 Buford Hwy, Norcross, GA 30071

### NIH Chapter / DC Chapter

DAY 2 Oct. 28, 2023

## 2023 Joint Annual Symposium for NIH-KSA and KWiSE

Empowering Global Collaboration & Strategy in the Future of Life Science

**THEME:**



**Clinical Research**

**KWiSE NIH Chapter**  
**KWiSE DC Chapter**







## WISET-KWiSE Global Cross Mentoring Program

We proudly announce the successful conclusion of the 3rd Global Cross Mentoring Program (May-November 2023). Over 20 dedicated volunteers from three KWiSE chapters—LA/San Diego, Texas, and SE—served as mentors for Korean women undergraduate and graduate students, as well as early-career professionals in science or engineering fields, in South Korea and the United States. The program garnered an overwhelming response, with over a hundred mentees eagerly participating to benefit from the invaluable guidance and support provided by their mentors. Each chapter hosted more than ten seminars and small group meetings, offering diverse forms of support to mentees from May to November 2023. Additionally, we are thrilled to announce the launch of the 4th Global Cross Mentoring Program in May 2024, featuring mentors from the LA/San Diego and SE chapters.



## STEM Career Talk Concerts

**2023 STEM Career Talk Concert**  
**Artificial Intelligence(AI)**

**Date and Time** Friday, July 21, 2023  
 EDT 08:30-10:00PM / CDT 07:30-09:00PM / PDT 05:30-07:30PM

**Location** Virtual(Online zoom meeting)

**Registration** ~ Wednesday, July 19, 2023

**Who should attend**  
 undergraduate / graduate students or recent graduates in the STEM fields  
 Anyone who is interested in the AI field

\*Would you like to learn about different careers in AI?\*

Join us for the STEM Career Talk Concert and listen to renowned experts in the field of Artificial Intelligence share their experience and advice on life and careers in AI!

**Moderator**



**Dr. Hyesung Park**  
Associate professor  
Georgia Gwinnett College

**Speakers**



**Dr. Bonggun Shin**  
CEO  
Deegreen USA



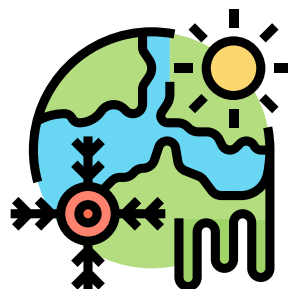
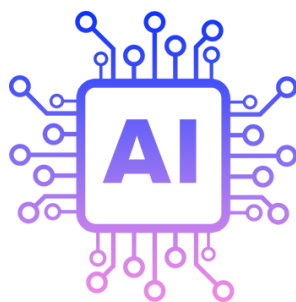
**Dr. Dan Jong Kim**  
Professor  
Univ. of North Texas



**Ms. Hanna Kroukamp**  
Senior Data Scientist  
Microsoft



**Dr. Hyeokhyun Kwon**  
Assistant Professor  
Chung Univ.





**STEM Career Talk Concert**

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**Climate Science and Technology**

**Date and Time** Friday, October 27, 2023  
 EDT 08:30-09:30PM / CDT 07:30-09:00PM / EDT 08:30-10:00PM

**Location** Virtual(Online, zoom meeting)

**Registration** ~ Wednesday, October 25, 2023

**Who should attend** Undergraduate students, graduate students, recent graduates in the STEM fields, or anyone interested in the field of Climate Science and Technology.



**Registration : Free but required**

Fill out the registration form and submit it(<https://forms.gle/qS847ZUnhzJAA2M56>)  
 When registering, you can submit questions for the speakers prior to the event.  
 Registrants will receive the online participation link via email.

Contact Information  
 Email: kwise.h@gmail.com or kwise.president@gmail.com

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**Moderator**



**Dr. Bo Park**  
Associate Professor  
Department of Life Health  
Gachon University, Gyeongju

**Speaker**



**Dr. Yunhee Kang**  
Associate Scientist  
of Johns Hopkins University



**Dr. Dheeya Rizmie**  
Researcher in Mathematics



**Dr. Eunjin Han**  
Research Agricultural  
Engineer at USDA



**Hyerin Park**  
CEO and founder of  
EcoStar

# LOS ANGELES CHAPTER

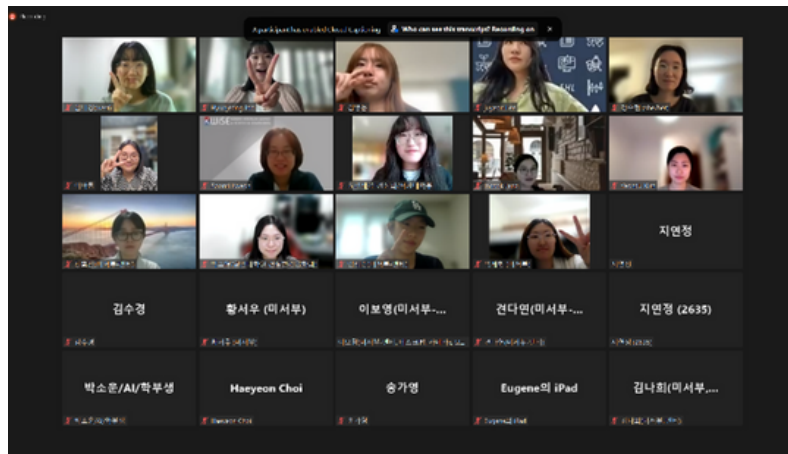
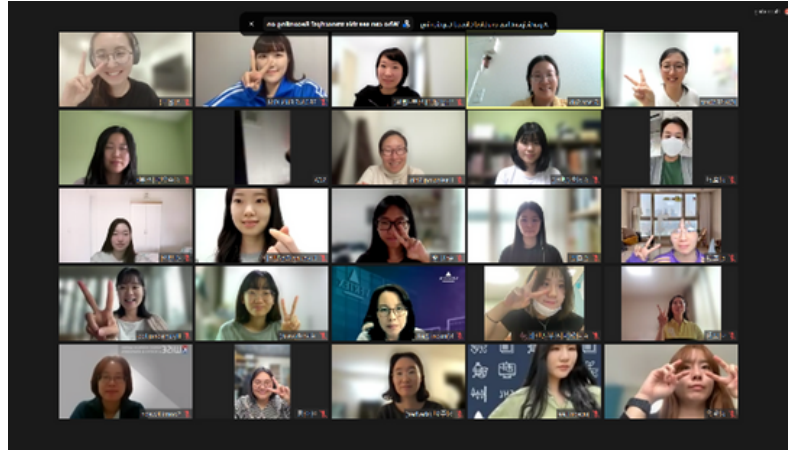
## WISSET-KWiSE West Global Cross Mentoring

May - November 2023

The KWiSE Los Angeles and San Diego Chapters jointly organized an annual mentoring program on the West Coast from May to November 2023. This year, six mentors, namely Drs. Jayoung Kim, Bo Ram Bang, Bo Young Park, Minhee Ko, Sunyoung Park, and Soomi Kweon from the Los Angeles Chapter, along with 56 mentees from the US and South Korea participated in the program. Throughout the program, mentees had the opportunity to learn about studying and working in the US, career prospects in academia and industry, creating a career development plan, networking strategies, research and grant writing, job search and resume writing, conflict management at the workplace, tips for achieving work-life balance, and other useful information that will help in building their careers and expanding their expertise. In June, Drs. Bo Young Park, Sunyoung Park, Jeong-Im Woo, and mentees from South Korea met in-person to get to know each other better. Mentees had a productive time getting answers to their questions by interacting with mentors. During the program, some of the mentees have successfully progressed to their next step careers as graduate students and postdoctoral researchers. Most importantly, mentees have developed a network with mentors that will provide them with encouragement and advice based on the mentors' expertise throughout their careers.

### Steering Committee Members:

Youbin Kim, PhD, University of Southern California  
 Heesun Choi, PhD  
 Eunje Kim, MS, BNPLAB



Presentation

### Presentation Materials

- Check audience level (e.g., Conference / Job Interview / Proposal / Defense / Teaching)
- Provide Tables of Contents
- Sentence X / Phrase or word O (e.g., There is a significant relation between A and B. → A & B (SIG))
- Visualization: Help provide information concisely (e.g., Graph / Figure / Image)
- Examples: Help understand concepts
- Not too many contents in a slide
- Consistency (Style / Font / Index)
- Always provide an email address at the end

### Professionalism

- What are your strengths and areas for improvement in the following: General interaction, collaboration and networking with other colleagues in the field from other institutions
- What unique traits (personal and professional) do you possess? How can you apply these to your career goal(s)?
- Are you prepared for a job interview? If not, what do you need in order to be prepared?
- Is your CV ready to send out to prospective employers? If not, what do you need to do to get it ready?
- Are you prepared to give a job talk? If not, what do you need in order to be prepared?
- What career development programs do you need access to?



# LOS ANGELES CHAPTER

## Monthly Meetings

In October, the members gathered to enjoy a delicious dinner. During the gathering, the new members were welcomed and introduced to each other. Everyone had a great time to getting to know each other and asking about how they were doing. After the dinner, we played the White Elephant game and new steering committee members were selected. In November, Caroline Kim introduced a tax-free retirement strategy seminar to the members. The seminar aimed to inform the members about the tax-free plan as a countermeasure for retirement. It was a great opportunity to learn how tax planning could affect net income after retirement. In December, the members had lunch together and had a year-end meeting. We exchanged gifts through the White Elephant game, and Dr. Gye Won Han prepared a gift for everyone. During the meeting, we had time to reflect on the year, discuss their concerns, and plan for the new year. In February, the new steering committee members held a New Year's party. During lunch, the members discussed the plans for KWise Los Angeles Chapter in the new year.



## KSEA Math & Science Competition

April 6, 2024

The KWise LA Chapter attended the National Math & Science Competition (NMSC) 2024, which took place on April 6th at Harvey Mudd College in Claremont. Dr. Youbin Kim represented the KWise LA Chapter and presented awards to three outstanding female students who achieved excellent grades in the math competition. These KWise Awards aim to encourage girls' efforts, help them advance in the STEM field, and promote KWise to the general public.



**CAPITAL GAINS PLANNING**  
1031 EXCHANGE VS DST




*Mary Seo*  
Real Estate Broker  
Life & Annuity Expert

Thurs, Nov 02, 2023  
12:00 PM PST

145 S Fairfax Ave | 2nd Floor  
Los Angeles, CA 90036

Presented in Korean

<p><b>SESSION 1</b></p> <p>The Basics of 1031 Exchange</p> <ul style="list-style-type: none"> <li>✔ What is a 1031 Exchange?</li> <li>✔ History of the 1031</li> <li>✔ Identification Rules</li> <li>✔ Tax Reform Act (TRA) of 1984</li> <li>✔ "Like-Kind Property"</li> <li>✔ Reinvestment Requirements</li> <li>✔ Specific Time Frames</li> </ul>	<p><b>SESSION 2</b></p> <p>A Capital Gains Tax Deferral Solution and 1031 Alternative</p> <ul style="list-style-type: none"> <li>✔ How DST's Work</li> <li>✔ DST Terms</li> <li>✔ Seller Benefits of DST</li> <li>✔ Other Capital Gains Planning Options</li> </ul>
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**Steering Committee Members:**

- Dr. MinJin Kang (Luxvitae therapeutics)
- Dr. Soo young Kim (Neurophth therapeutics)
- Dr. Yunyi Kang (Calidi biotherapeutics)
- Dr. Soo jin Park (Qualcomm)

**KWiSE-WISET West**  
**Mentoring Program**

May - November, 2023

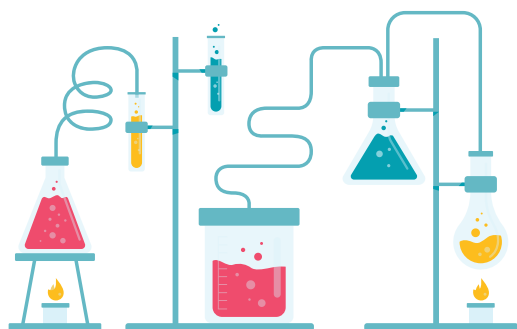
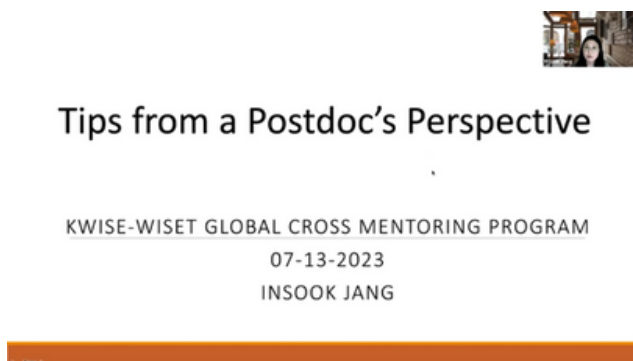
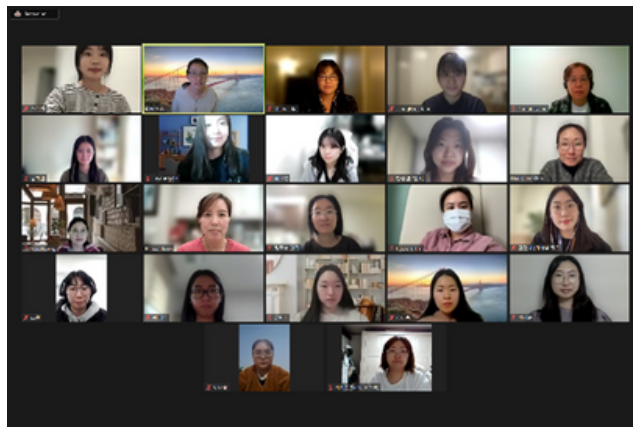
The KWiSE-WISET West Mentoring program began in May 2023, a collaboration between the San Diego (SD) and Los Angeles (LA) chapters. The program convened once a month in a Zoom setting. Each month, a different specialized mentor shares their experiences, career challenges, and offers insight on managing their work and life balance.

On June 8th, Dr. Haekyung Shin, the SD chapter mentor, presented on career plan development, receiving numerous questions from mentees. Her presentation focused on successfully establishing a career in the Biomedical/Bioengineering field.

Another topic was covered by Dr. Insook Jang, who provided insight from the perspective of a postgraduate preparing for post PhD programs. Her speech was particularly helpful for graduate students interested in applying for post doc positions.

The last mentor presenter from the SD chapter was Dr. MinSon Baek, who discussed conflict management in academia/ industry. Dr. Baek addressed not only scientific conflicts but also personal conflict and offered professional management strategies.

The mentoring program concluded successfully in November, providing all participants with a meaningful experience over the course of six months.



## Christmas gathering

December 9, 2023

The San Diego (SD) chapter finally had an off-site gathering after the long COVID 19 pandemics. Dr. Eunha Hoh graciously opened her beautiful house for the KWiSE Christmas gathering as well as organizing a potluck. A total of 25 members joined the party, enjoying home-made Korean dishes followed by a White elephant gift exchange event. The most exciting topic for this gathering was the election of a new KWiSE SD-chapter leadership. Dr. Lee Haekyung, the current SD chapter president, announced the new KWiSE SD chapter leadership, who will serve for the next two years.

The new leadership members are as follows:

President: Dr. MinJin Kang,  
Vice president: Dr. Soo Young Kim,  
General Director/Secretary1: Dr. Yunyi Kang and  
Treasurer/Secretary2: Dr. Soo jin Park

All members expressed their appreciation to Dr. Haekyung Lee for her service as the KWiSE-SD chapter President for the last two years and to Ms. Eunyung Sung for her devotion as treasurer.

The party was adjointed with Dr. Haekyung Lee's closing remarks, welcoming the new leadership for the continued success of KWiSE and wishing all members a merry Christmas and a happy new year 2024.



## Hiking Group

Since December 2023, the KWiSE San Diego (SD) Chapter has been organizing a hiking group. There are currently 12 people participating and hiking twice a month.

So far, we have visited Torrey Pines Natural Reserve, Miramar Lake, San Marcos Copper Creek Loop, La Orilla Trail, and Santa Fe Valley Trail. In the future, we plan to explore Anza Borrego Desert State Park and Diamond Lake Valley Wildflower Trail. During the hikes, members engage in discussions about their careers, work, and future plans. Senior members who are mentoring junior members, provide valuable advice. Therefore, this small group offers an excellent opportunity for enjoying outdoor functions, discussing science, and advancing career development.



Here are some details about each hike:

- **Torrey Pines Natural Reserve:** This hike offers stunning views of the Pacific Ocean and the Torrey Pines State Natural Reserve. The trail is approximately 3 miles long with an elevation gain of about 300 feet.
- **Miramar Lake:** This hike is at Miramar Lake and offers views of the lake and the surrounding mountains. The trail is about 5 miles long and has an elevation gain of about 500 feet.
- **San Marcos Copper Creek Loop:** This hike is in the San Marcos Foothills and offers views of the creek and the surrounding hills. The trail is approximately 6 miles long with an elevation gain of about 800 feet.
- **La Orilla Trail:** This hike is in the San Elijo Lagoon Ecological Reserve and offers views of the lagoon, wetlands, and coastal sage scrub. The trail is easy to moderate and is a great option for a casual hike or bird watching. It is about 2.7 miles long with an elevation gain of about 147 feet.
- **Santa Fe Valley Trail:** This hike is in the Santa Fe Valley and offers views of the valley and the surrounding mountains. The trail is approximately 4 miles long and has an elevation gain of about 393 feet.

We are excited to continue exploring the beautiful trails in San Diego County. If you are interested in joining our hiking group, please contact us at <https://www.kwise.org/San-Diego/>.

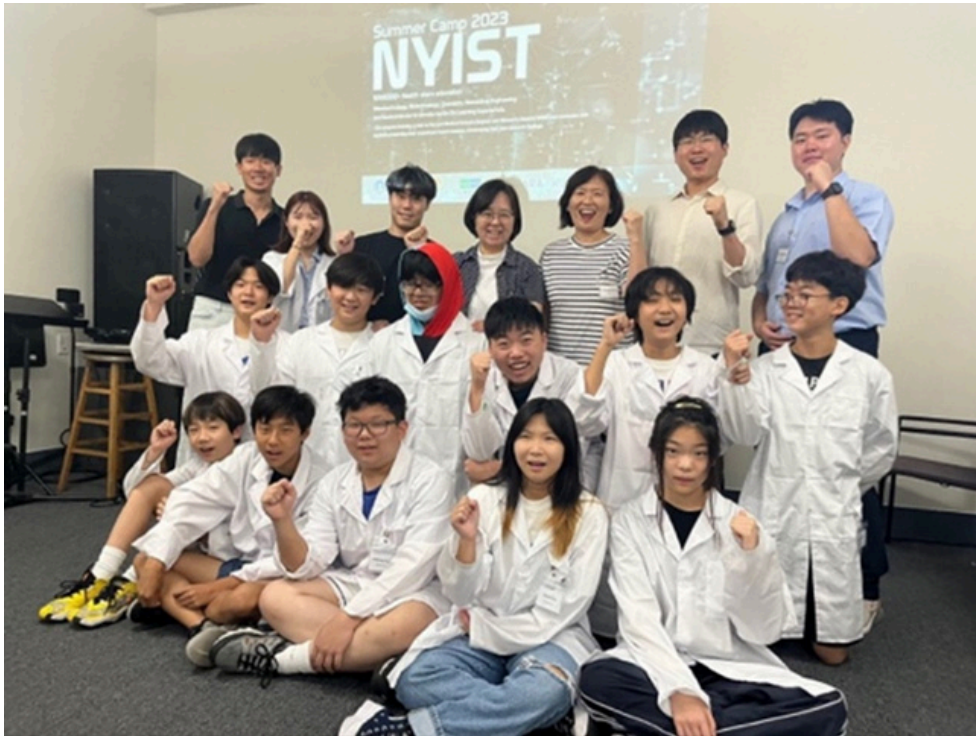
# NEW YORK / NEW JERSEY CHAPTER

**Steering Committee Members:**

Sungeun Choi, PhD, RD: Associate Professor, Queens College, CUNY, NY  
 Minsun Shin, EdD: Associate Professor, Montclair State University, NJ  
 Jung Lee, PhD: Professor, Stockton University, NJ  
 Yun H. Choe, JD, PhD: Patent Agent, ArentFox Schiff LLP  
 Soyoung Lee, PhD: Associate Professor, Montclair State University  
 Erin Kang, PhD: Assistant Professor, Montclair State University  
 HeaYeon Lee, PhD: Founder/CEO of Mara Nanotech Inc.  
 Yeon Bai, PhD, RD: Professor, Montclair State University

## 2023 New York Innovative Science & Technology (NYIST) Summer Camp


The New York Innovative Science & Technology (NYIST) Summer Camp 2023 took place from August 21-26, 2023. The NYIST summer camp was jointly hosted by the KWiSE NY/NJ Chapter and the KSEA New York Metro Chapter and was sponsored by Mara Nanotech, the Korea Institute of Advanced Nanotechnology, and the Consulate General of New York. The summer camp provided students in grades 7-12 with a hands-on program about nanobio-health systems education and how nano-bio sensors can be applied in the medical diagnosis field.





### **NYIST**

New York Innovative Science & Technology  
**Summer Camp 2023**

KSEA NY Metro Chapter & KWiSE NY/NJ Chapter Presents

  
 AUGUST 21 - 26  
 MONDAY - SATURDAY


  
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The registration fee includes all camp materials and science kits.





  
 KSEA New York Metro Chapter


  
 한국과학기술연구원


  
 Consulate general of Korea in New York

  
 KOREAN-AMERICAN WOMEN IN SCIENCE & ENGINEERING

  
 MARA NANOTECH

  
 NATIONAL NANOFAB CENTER

  
 나노중합기술원

  
 NANOTECH



# NEW YORK / NEW JERSEY CHAPTER

## KWiSE-KOWIN joint seminar

On October 12, 2023, the 2023 KWiSE NY/NJ Chapter and KOWIN (Korean Women's International Network) NY Chapter held a joint seminar on the theme "Growing Global." The program commenced with greetings and opening remarks from the presidents of KWiSE, Dr. HeaYeon Lee, and KOWIN, Eun-Ju Ryu, and was moderated by Dr. Jong Min Lee.

The seminar featured a special guest presentation by Euy Whan Kim, the Consulate General of the Republic of Korea in New York, as well as four speakers: Dr. Hyojin Kim from the New Jersey Institute of Technology, Dr. Heakyung Kwon, a psychoanalyst and creative arts therapist, Dr. Janice H. Logan, a lawyer at Morgan Laws, and Yuna Yang from the Yuna Yang Collection.

This in-person seminar was well received and provided valuable insights on various topics related to high-performance building design, psychoanalytic consideration of emotional regulation, patent law, and global fashion, captivating the audience's attention.



### The KWiSE-KOWIN Joint Seminar "Growing Global"



#### Korean-American Women in Science and Engineering (KWise)

The KWiSE-NY/NJ chapter appreciates women leaders of scholars and engineers in a wide range of basic and applied science fields. We are primarily based in New York Metropolitan and New Jersey area.

#### Korean Women's International Network (KOWIN)

KOWIN NY chapter is a global network of women of Korean descent who are leaders in their respective fields. We equip and enable women to find success in their fields, be a positive influence and inspiration in their communities, and serve as role models to the next generation.

#### Our Speakers



**Euy Whan Kim**  
Consul General  
Consulate General  
of the Republic  
of Korea in New York



**Hyojin Kim**  
PhD  
Associate Professor  
New Jersey Institute  
of Technology



**HeaKyung Kwon**  
DA, LP, NCPsYA  
Psychoanalyst and  
Creative Arts  
Therapist



**Janice H. Logan**  
PhD  
Partner Attorney  
Morgan Lewis



**Yuna Yang**  
Founder  
/Creative Director  
Yuna Yang  
Collection

#### Program

6:00 pm - 6:30 pm	Welcome Reception
6:30 pm - 6:50 pm	Opening Remark and Introduction
6:50 pm - 7:15 pm	Special Guest: Consul General Euy Whan Kim
7:15 pm - 7:40 pm	Dr. Hyojin Kim (Title: Measurement Science for High Performance Building Design)
7:40 pm - 8:05 pm	Dr. HeaKyung Kwon (Title: Science of Emotional Regulation)
8:05 pm - 8:30 pm	Dr. Janice H. Logan (Title: Career in Patent Law as a Female Scientist)
8:30 pm - 8:55 pm	Yuna Yang (Title: Requirements & Virtues of Global Fashion Leader)
8:55 pm - 9:00 pm	Closing Remark

📅 Thursday October 12, 2023

🕒 6:00 PM - 9:00 PM

📍 Morgan Lewis LLP  
101 Park Avenue, NY

👥 Open to Public

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🔗 <https://forms.gle/pJ1ZwFGMtGAAQYTm8>  
by October 9, 2023



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여성가족부



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# NEW YORK / NEW JERSEY CHAPTER

## Membership meetings

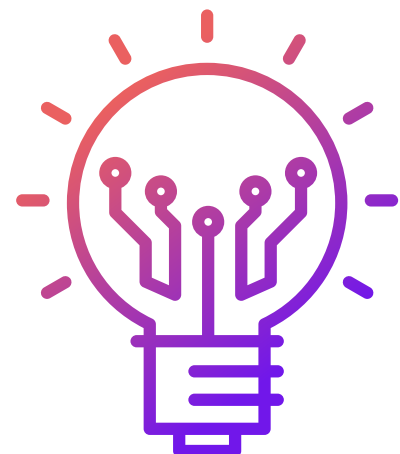
KWiSE NY/NJ chapter hosted two membership meetings in 2023 to promote networking and foster a sense of community: May 25th via Zoom and June 25th in person. During these meetings, members had the opportunity to share their experiences through presentations and informal discussions, which left them feeling more connected and inspired.



## Announcement: New NY/NJ Chapter Executive Committee

We are pleased to share the exciting news about our newly formed executive committee, starting in 2024.

- President **Sungeun Choi, PhD, RD: Associate Professor, Queens College, CUNY, NY**
- Vice President **Minsun Shin, EdD: Associate Professor, Montclair State University, NJ**
- Communication Director **Jung Lee, PhD: Professor, Stockton University, NJ**
- Membership Director **Yun H. Choe, JD, PhD: Patent Agent, ArentFox Schiff LLP**
- General Director **Soyoung Lee, PhD: Associate Professor, Montclair State University**
- Treasure **Erin Kang, PhD: Assistant Professor, Montclair State University**
- Advisor **HeaYeon Lee, PhD: Founder/CEO of Mara Nanotech Inc.**
- Advisor **Yeon Bai, PhD, RD: Professor, Montclair State University**



# WASHINGTON D.C. CHAPTER

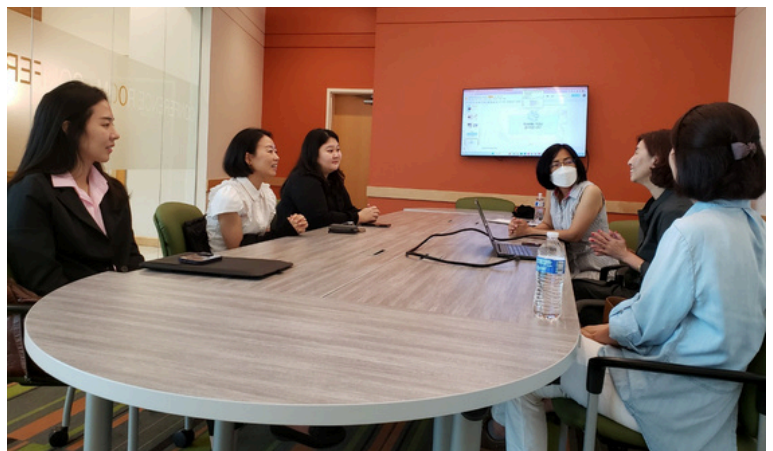
**DC Chapter Steering Committee Members:**  
 Eunjin Han, PhD, United States Department of Agriculture  
 Sooyoung Cho, PhD, Edward Jones

## Membership Drive and Networking event of KWiSE DC Chapter

KWiSE DC Chapter organized a networking event to encourage networking among KWiSE members from greater Washington D.C. and share each other's research for potential mentoring and collaboration. The event was funded by KSEA (Korean-American Scientists and Engineers Association) and held in Hyattsville, MD, on September 2, 2023.

The event was started by introducing each participant and their current work and research. The participants were from diverse backgrounds and institutes, including the U.S. Department of Agriculture, the University of Maryland, The World Bank, Johns Hopkins University, and an investment bank. Dr. Eunjin Han, the current president of the KWiSE DC Chapter, gave a short presentation on the activities of the KWiSE Headquarters and DC chapter.

The event ended with an open discussion to hear what members expect from KWiSE and the future direction of the KWiSE DC Chapter. The event allowed local KWiSE members to meet in person and recruit new members after a long COVID era.



# NIH CHAPTER

## 2023 Joint Annual Symposium with NIH-KSA and DC Chapter: A Collaborative Success

The NIH Chapter's annual symposium this year focused on the unique characteristics of the NIH, co-hosted with NIH-KSA, another Korean community at NIH. Previously, the collaborative efforts of NIH-KSA and KAPAL resulted in the Annual Bioscience and Engineering Symposium (ABES). This year, NIH-KWiSE partnered with NIH-KSA to co-host the annual symposium, adding a distinctive NIH program curated solely by NIH-KWiSE.

The symposium took place at Montgomery College at Rockville Campus, Maryland, located at 51 Mannakee St, Rockville, MD 20850, in the Theatre Arts Building (TA) on Saturday, October 28.



### NIH Chapter Steering Committee Members:

- Youngmi Ji (President)
- Lisa Seonyong Kim (Vice President)
- Jung Min Han (Vice President, IT Director)
- Yoon Kyung Kim (Finance Director)
- Abigail Doyeon Kim (PR Director)
- Yuji Choi (Digital Media Director)
- Yujin Lim (General Director)

Since the inauguration of the new NIH-KWiSE leadership in 2023, numerous events have been organized under the slogan "Inclusion" in collaboration with various Korean community organizations in the DMV (DC-MD-Virginia) area. Among these events, this symposium stands out as the first significant event aimed at fostering cooperation among Korean American groups within NIH, marking it as highly significant. The KWise DC Chapter also participated, resulting in a joint symposium between NIH and the DC Chapter. The first NIH-KSA and KWise Symposium received high praise from many attendees for its excellent and enriching program. The opening remarks by former NIH Director Dr. Francis Collins were particularly noteworthy.



### Open Remark

Former NIH Director, Francis Collins (NIH Distinguished Investigator, NHGRI/NIH)

The theme of the conference was "Global Collaboration in Life Science," with a program that emphasized NIH clinical research and support alongside biomedical science. Speakers from Korea facilitated global collaboration efforts through various sessions and networking opportunities.



# NIH CHAPTER

## 2023 Joint Annual Symposium with NIH-KSA and DC Chapter: A Collaborative Success- Continued

The symposium focused on fundamental research and early discovery in life science, presenting many exciting findings and reports that could serve as a platform for new insights in the field. There were also career development presentations to share experiences and tips for those interested in future opportunities. Continuing from the first day, there were informative sessions on SBIR grant opportunities as well as additional clinical research grant opportunities.



NIH-KWiSE organized a one-day child-care program alongside the all-day symposium activities. This initiative significantly contributed to overcoming the career development limitations faced by scientists with children.



The joint annual conference proposed by NIH-KWiSE provided a successful example of collaboration and is expected to extend to future joint-network events to enhance mutual US-Korea collaboration for the growth and promotion of Korean-American scientists in the life sciences field.

Impacts & Effects were 1) Initiation of Global Collaboration: The event marked the beginning of collaborative efforts between Korea and the US in life science research. 2) Promotion of Inclusion: By involving different organizations, including industry, academic, and government institutions, the joint conference promoted a sense of inclusion. 3) Support for Career Development: The child-care program proved to be a platform that opens up more opportunities for both male and female scientists to grow their networking for future career development.

The NIH Chapter will continue to seek collaborative efforts to promote women's career development, leadership, and health through various networking and mentoring events. We welcome anyone interested in the NIH to join our chapter.

Our ultimate goal is "INCLUSION" = "TOGETHER" = "COLLABORATION". We invite all genders, generations, and professions to participate in this networking event, believing that DIVERSITY fosters empowerment. Everyone is welcome!

# NIH CHAPTER

## 2023 Joint Annual Symposium with NIH-KSA and DC Chapter: A Collaborative Success- Continued




KWise Organizing Committee



**Jung Min Han**  
NIH-KWiSE




**Yuji Choi**  
NIH-KWiSE



**Youngmi Ji**  
NIH-KWiSE, President



**Abigail Kim**  
NIH-KWiSE



**Yeong (Terry) Seo**  
NIH-KWiSE



**Yoon Kim**  
NIH-KWiSE



**Lisa Kim**  
NIH-KWiSE



**Irene (Dagyeong) Yang**  
NIH-KWiSE



**Eunjin Han**  
DC-KWiSE, President

KUDOS to: Organizing Committee and more to Childcare team – Lisa Kim (NIH-KWiSE), Abigail Kim (NIH-KWiSE), and Yoon Kim (NIH-KWiSE)

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# NIH CHAPTER


## Congratulations to NIH's newest members of the National Academy of Sciences!

What fantastic news to kick off our AANHPI month, May! Let's celebrate June Kwon-Chung (NIH Distinguished Investigator, NIAID) as she represents Korean- American heritage and ascends into the National Academy of Sciences! She is the first Korean NIH Distinguished Investigator at NIH and still running the laboratory. Congratulations to her on this remarkable achievement! 🎉🌸



Kyung J. Kwon-Chung, Ph.D.  
NIH Distinguished Investigator  
Molecular Microbiology Section,  
Laboratory of Clinical  
Immunology and Microbiology  
NIAID/DIR  
(<https://irp.nih.gov/pi/kyung-kwon-chung>)

THE NIH RECORD May 4, 1976 Page 7



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### Dr. Kwon-Chung of NIAID Reclassifies Fungus Causing Cryptococcal Meningitis

Multiple discoveries within the past few months by Dr. Kyung Joo Kwon-Chung, a microbiologist in the Laboratory of Clinical Investigation, National Institute of Allergy and Infectious Diseases, have led to a new classification and to the establishment of a new genus with two species for the sexual state of the fungus *Cryptococcus neoformans*, the organism which causes cryptococcosis.

Cryptococcal meningitis is almost always fatal if untreated, and even with treatment it maintains about a 25 percent fatality rate, one of the highest for the deep fungal infections.

**Reports Recent Discoveries**

Dr. Kwon-Chung reported her findings, which make possible broad new genetic and epidemiologic investigations of this infectious agent, at a symposium on pathogenic fungi on May 3 during the 76th Annual Meeting of the American Society for Microbiology in Atlantic City.


The chain of discoveries by the NIAID scientist began in late 1975, when she demonstrated a sexual reproductive cycle for *C. neoformans*, previously considered to reproduce only asexually as a budding single celled yeast.

By so doing, she was able to remove *C. neoformans* from the so-called "waste-basket" category of Fungi Imperfecti, and place it taxonomically with the Basidiomycetes, the classification of highly evolved fungi which includes mushrooms, as well as the smuts and rusts, which are among the major causes of disease in plants.

**Demonstrates Mating Types**

Dr. Kwon-Chung then demonstrated that the sexual cycle involved two mating types, known as "α" (alpha) and "a," permitting a recombination of genes and providing a mechanism for previously impossible genetic studies, to determine such factors as virulence and drug resistance.

As customary with such basic



**Dr. Kwon-Chung's findings, reported yesterday, may indicate that plants or plant materials are a reservoir for the agent causing cryptococcal meningitis.**

closely associated for the past 20 years.

In the distinction between mating of the two antigenic groups however, Dr. Kwon-Chung also noted that serotypes A and D are constantly found in pigeon habitats, while types B and C have never been isolated from these sources.

**Spores Differ**

Further studies by the NIAID

**Dr. Kolobow Patents, Assigns to Gov't**

### Steering Committee Members:

Hyesung Park, PhD: Associate Professor, Georgia Gwinnett College  
Mikyong Shin, DrPH: Epidemiologist  
Centers for Disease Control and Prevention (CDC)  
Jungreem Taylor Woo, PhD: Biologist, CDC

## KWiSE-WISET East Global Cross Mentoring Program

May- November, 2023

The Southeastern Chapter was pleased to host the annual Eastern Region Mentoring Program, an initiative that has seen a year-on-year increase in participation. This program has notably facilitated dynamic exchanges between mentees in Korea and the United States, enriching the mentoring experience.

Participants of the mentoring program had the opportunity to engage in a series of seminars focused on critical professional development areas. These areas included elevator pitch, resume crafting, job searching strategies, and other vital skills necessary for career advancement and expertise expansion. Feedback collected through a comprehensive survey revealed exceptionally high levels of satisfaction among the mentees. They praised various aspects of the program, notably the practical relevance of the educational content provided, the motivational and insightful advice drawn from the mentors' own career experiences, and the mentors' committed and inspiring approach to both life and mentorship.

Mentees particularly valued the personalized attention and constructive feedback from their mentors, highlighting the significant impact on their career development in the U.S. This positive acknowledgment serves as a testament to the valuable education and support provided by the mentoring program, underscoring its success in fostering the professional growth of its participants.

## World of Opportunities

August, 2023

In August 2023, the Southeastern Chapter organized a seminar entitled "World of Opportunities." This event was a significant part of the collaborative efforts under the KWiSE-WISET Global Cross Mentoring initiative and the Korean-American Scientists and Engineers Association (KSEA) membership campaign. We were honored to welcome Dr. Mi Ja Kim, Ph.D., RN, FRCN, FAAN, as our keynote speaker. Dr. Kim, a distinguished Professor and Dean Emerita at the College of Nursing, University of Illinois at Chicago, delivered an enlightening presentation on the "Successful Leadership of Korean Women Scientists and Engineers." She insightfully explored topics such as Leadership Beyond Disciplinary Boundaries, the POWER of Positional Leadership, and Timeless Leadership Principles, offering an inspiring and pragmatically valuable message to all our attendees.

The seminar further enriched participants' experience through a series of round-table mentoring sessions, facilitating meaningful discussions and the exchange of ideas among Korean women scientists and engineers. These sessions underscored our commitment to fostering professional growth and leadership development within our community.



# SOUTHEASTERN CHAPTER

## KWiSE SE Chapter Conference

October 23, 2023



The KWiSE-Southeastern chapter hosted a conference centered around "Exploring Innovative Approaches in Environmental Health Surveillance for Sustainable Transformation." This gathering brought together experts to discuss the latest in environmental and mental health.

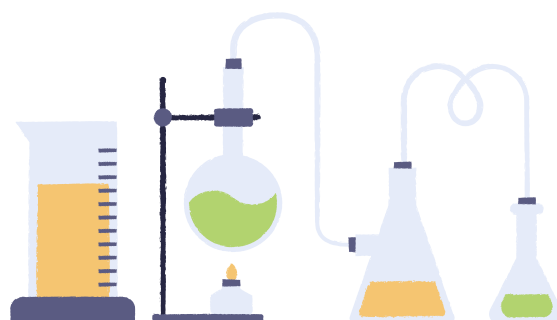
The conference was highlighted by a keynote presentation from Dr. Yang Liu of Rollins School of Public Health, Emory University. Dr. Liu shared insights into environmental health, emphasizing the need for innovative surveillance methods to enhance sustainability.

In addition to the keynote presentation, the conference featured sessions that spanned a broad spectrum of topics. One session delved into recent advancements in understanding and treating non-small cell lung cancer, while another focused on the mental health challenges faced by Asian international students in the U.S., offering insights into improving their support systems.

A noteworthy aspect of this year's conference was the inclusion of a student researcher's presentation on biosensor applications, highlighting the KWiSE-Southeastern chapter's commitment to integrating the next generation into scientific discourse and research. This blend of professional insights and emerging research underscored the conference's multidisciplinary approach and its emphasis on fostering innovation and inclusivity within the scientific community.

At the conference, Dr. Mihyeon Jeon, President of KWiSE, shared insights into the organization's expansion and its efforts to empower women in STEM. She discussed the implementation of cross-mentoring programs and forums designed to create a supportive network for women scientists. Dr. Jeon's remarks underscored the pivotal role of KWiSE in building a nurturing environment that encourages the growth and development of women in the scientific community.

The KWiSE-Southeastern chapter remains dedicated to promoting innovation and inclusivity in science. By encouraging the participation of both experienced professionals and students, we aim to contribute to the development of a diverse and dynamic scientific community.





# SOUTHEASTERN CHAPTER

## 2024 New Year Networking Event

The Southeastern chapter held a New Year Event. At this event, Dr. Mihyeon Jeon, President of KWiSE Headquarters, shared the history and achievements from the past year, discussing the future direction and networking. This event was hosted by the 2022-2024 steering committee (Dr. Hyesung Park, Dr. Mi-Kyong Shin, and Dr. Jung Rim Woo).



## The Consul General of the Republic of Korea hosted dinner in Atlanta

On May 9, 2024, Sangpyo Suh, the Consul General of the Republic of Korea in Atlanta, hosted a dinner for KWiSE SE chapter steering committee members with Jonghee Choi, a Consul of the Republic of Korea in Atlanta at the residence of the Consul General. During the event, the KWiSE SE chapter members shared the goals of KWiSE, the chapter's activities, and future plans. Consul General Suh expressed hopes for the continuous growth of KWiSE.



## News from Chapter Members

### Congratulations, Dr. Mikyong Shin!



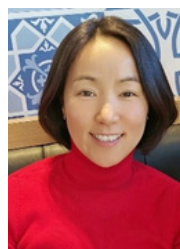
Dr. Mikyong Shin, an epidemiologist in the CDC Pregnancy Risk Assessment Monitoring System (PRAMS), was nominated for the 2023 HHS Data Excellence Awards! This inaugural ceremony honors eight individuals and teams across HHS in four categories whose creative, resourceful, and collaborative efforts have led to innovative solutions to the Department's data challenges. Dr. Shin was nominated for the HHS Distinguished Achievement in Federal Data and Policy Award as part of the Environmental Justice Index team.

### Congratulations, Dr. Jungreem Woo!



Jungreem Woo, PhD joined the Division of HIV Prevention at CDC as a biologist in October 2023. She is studying the prevention effectiveness of broadly neutralizing antibodies against HIV when the host also has several different sexually transmitted infections, such as chlamydia, trichomoniasis, or syphilis. Before joining the Division of HIV Prevention, she was an ORISE fellow in the Division of Viral Hepatitis at CDC.

### Congratulations, Dr. Sohyun Park!



Dr. Sohyun Park was nominated for the 2024 CDC's Stephen B. Thacker Excellence in Mentoring Award. This award recognizes someone who, over the years, has provided exceptional mentoring to Epidemic Intelligence Service (EIS) officers through outstanding supervision, teaching applied epidemiology skills and/or public health practice, or otherwise enriching EIS officers' experiences through mentoring.

### Congratulations, Dr. Mihyeon (Christy) Jeon!



Dr. Mihyeon Jeon was once again name one of "100 Most Influential Women in Engineering" by Engineering Georgia in 2024. She was also listed in Marquis Who's Who in 2024.

# SPONSORS & PARTNERS

## GOLD LEVEL SPONSORS

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## SILVER LEVEL SPONSORS



대한여성과학기술인외  
The Association of  
Korean Woman Scientists & Engineers





KWISE (Korean-American Women in Science and Engineering) is a non-profit organization of Korean-American women professionals in science and engineering.

We offer members opportunities for networking, career development, and mentoring for members and provide opportunities for collaborations. We promote international cooperation, especially between the United States and Korea.

## Why KWISE?

Most Science, Technology, Engineering & Mathematics (STEM) fields have seen growth in women over the years; however, there are still persistent challenges.

- While the ratio of women in Biological Sciences and Mathematics is close to 50%, there is a considerably lower proportion of women in higher-level positions. This is called the “leaky pipeline” or the “glass ceiling” problem.
- In Physical Sciences, Computer/Information Technology, and Engineering, the ratio of women is only about a quarter, which indicates a severe problem of recruitment into those fields of study.
- The proportion of Asian-Americans in leadership positions in STEM-related academia, government, and industry jobs are disproportionately low compared to other races. This is called the “bamboo ceiling” problem. In particular, Asian American Women show the lowest percentage in promotion in all STEM-related jobs. KWISE aims to help address & solve these issues.

Together, we can make a difference!



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