

2023 Hanwha Travel Award Program

Award Administrator: Hanwha Solutions Corporation(HSC) and Hanwha TotalEnergies Petrochemical(HTP)

Award: HSC/HTP provides individual awards up to \$1,500 to be utilized towards travel (hotel, airfare, meals and incidentals) and registration fees.

Eligibility: Korean Graduate student/Post-doc. studying in USA

Preferred Research Areas

- Catalysis(Synthesis, kinetic, deactivation, etc.)
- Analytical Chemistry, Organic synthesis
- Chemical engineering process(Reaction engineering, modeling, simulation, etc.)
- Advanced polymerization technology(Block copolymer, Chain transfer polymerization, Radical polymerization)
- Water Electrolysis, Electrochemical Process & Catalysts
- Carbon Capture and Utilization(CCU) Technology(CO₂ reduction Technology)
- Plastic recycling technology
- Biomolecular simulation/engineering, Bio-Engineering
- Green chemistry, Biofoundry, Green hydrogen production technology
- Biopolymers and biodegradable polymers(white biotechnology)
- Biomass(Genetic manipulation, fermentation, etc), Biochemistry
- Computational Chemistry & AI/Machine Learning application in chemical engineering
- Electronic Materials
- Li-ion battery related materials(advanced separators and electrolytes, functionalized binders, solid electrolytes)

Presentation: The awards are presented at the KICChE-US Chapter Open Forum (November 8, 2023, *Place and time will be announced at a later date*)

Instructions: Please send all application materials by e-mail
(Please send them to both of the following: mikyounghyun@hanwha.com, taehee.lee@htpchem.com)

Materials must include:

- Application form (below)
- A copy of an abstract accepted to the annual meeting
- Applicant's CV
- Personal information collection and usage agreement (below)

Deadline: September 5, 2023(***Announcement of winners is scheduled for the end of October, 2023***)

2023 Hanwha Travel Award Application Form

Hanwha Solutions Corporation(HSC) and Hanwha TotalEnergies Petrochemical(HTP) are pleased to announce the 2023 Hanwha Travel Award Program for the 2023 AIChE Annual Meeting, November 5-November 10, in Orlando. This award is for the 7th time this year and we are planning to select excellent **Korean students/post-docs** studying in research areas highly related to HSC/HTP R&D.

Please send us this form with a copy of an abstract submitted to the annual meeting and CV.

We are waiting for an excellent Korean students who are interested in HSC/HTP.

- **Application Deadline: September 5, 2023**
(Announcement of winners is scheduled for the end of October, 2023)
- **Applications must contain the following documents;**
 1. Application form
 2. A copy of an abstract accepted for the 2023 Annual Meeting
 3. Applicant's CV
 4. Personal information collection and usage agreement

Basic Information				
Name	English) Korean)	Nationality	Korean	
Address (City, State)	Ex) Atlanta, GA	DOB	Year	Month
Contact Information	e-mail: @ /Phone:			
Graduation	20 *Expected Date			
Post-graduation career plan (Check all that apply)	• Ph.D. <input type="checkbox"/> • Post-doc. <input type="checkbox"/> • Faculty <input type="checkbox"/> • Researcher: National Lab. <input type="checkbox"/> • Corporate Lab. <input type="checkbox"/>			
AIChE Membership ID #				
Education				
	School Name	Major	Date of Enrollment (MM/YY)	Advisor
Post-doc.			~	
Ph.D			~	
Master			~	
Bachelor			~	
Research Area & Technology				
Key Words/Description	1. / 2. / 3. /			
Attached Files				
Abstract	Yes <input type="checkbox"/> No <input type="checkbox"/>	CV	Yes <input type="checkbox"/> No <input type="checkbox"/>	

Personal Information Collection and Usage Agreement

Hanwha values the protection and privacy of the applicant's personal information in accordance with the related law, the Personal Information Protection Act. Hanwha further attempts to make the applicant feel safe when he or she is required to provide his or her personal information. Please carefully read the information below and make a decision whether or not you agree with the personal information collection and usage.

The purpose of collection and use of personal information	<ul style="list-style-type: none"> ○ Progression and management of the Hanwha Travel Award Program, verification and validation of career experiences and qualification, etc. ○ Handling civil affairs & conflict, implementation of legal duty or obligation, etc.
Items of personal information collection	<ul style="list-style-type: none"> ○ Name, Date of birth, Nationality, Current address, Contact information, E-mail address, Academic background, Career experiences, Research achievements, Qualifications/Licenses/Award records, etc. ※ Identifying information such as foreign registration number, etc. and sensitive information including patriots & veterans, disability, participation in a civic/political association, and religion will not be collected.
Period of maintenance and use of collected personal information	<ul style="list-style-type: none"> ○ Collected personal information will be kept and used as of the agreement start date and solely for the purpose written above. ○ If the applicant drop out of the award, then the collected information will be kept and used within the minimum scope necessary such as handling civil affairs & conflict, implementation of legal duty or obligation, etc.
Refusal right and disadvantages of refusal	<ul style="list-style-type: none"> ○ The applicant has the right to refuse the collection and use of personal information. The applicant may refuse to provide his or her basic identifying information such as name, e-mail address, cellular phone number, academic background & records, career experiences, research achievements, etc. However, he or she may have the disadvantage of not receiving a notice from Hanwha or may even not be considered for reviewing.
<p>※ Hanwha will not use collected information for anything other than the intended purpose. If the applicant wants to refuse Hanwha the permission to use the collected information, he or she may request perusal, revision, and elimination of his or her personal information to the chief manager.</p>	
<p>I fully understand the contents written above, and agree that Hanwha shall collect and use (includes utilization) my personal information in accordance with the related law, the Personal Information Protection Act.</p>	
Date:	(yyyy.mm.dd)
Name:	(signature)