

The 7th Hanwha Non-tenured Faculty Award (2022)

The Hanwha Group¹ is pleased to announce the **7th Hanwha Non-tenured Faculty Award**. To demonstrate Hanwha's commitments to promote cutting-edge research and innovation in **Materials Chemistry & Processing**, this award will support the career development of non-tenured young faculty particularly in the following areas.

- Polymer Composite Materials(Aerospace, Hydrogen Fueled vehicle, Defense)
- Functional Materials for 5G applications, flexible display, and wearable devices
- Material Design & Properties Prediction
- Chemical engineering process (Reaction engineering, modeling, simulation, etc.)
- Catalysts (Synthesis, kinetics, deactivation, etc.),
- Advanced Polymerization Technology (Block Copolymer, Chain transfer polymerization, Radical polymerization)
- Carbon Capture and Utilization (CCU) Technology (CO2 reduction Technology)
- Biopolymers and biodegradable polymers(White biotechnology)
- Biomolecular Simulation/Engineering, Bio-Process Modeling,
- Plastic Recycling Technology
- Electrochemical Process & Catalysts
- Green Chemistry, Biofoundry, Green Hydrogen Production Technology

Award

- **Eligibility:** Non-tenured faculty with Korean heritage in North America, Europe working in the chemistry, chemical engineering, Materials science and engineering and other related disciplines.^{2,3}
- **No. of Awards:** 3~4 Awards
- **Award amount:** \$12,000 as an unrestricted gift funding
- The awardee required to deliver a seminar at "**Hanwha Non-tenured faculty Award Ceremony**" in the summer of 2022 via online

Application Package

- Short Bio-sketch including a comprehensive list of publications
- Summary of research interest (max 1 page)
- Descriptions of research interest (max 5 pages)
- Application package must be submitted as a single word document file.

Timeline

- Submit your package to mikyounghyun@hanwha.com by **March 11, 2022**
- Announce the Awardees by April, 2022
- The 7th Hanwha Non-tenured Faculty Award (tentatively scheduled on June 8, 2022)

¹ Hanwha Solutions Chemical Division, Hanwha Solutions Advanced Materials Division, Hanwha TOTAL Petrochemical Corp.

² The non-tenured faculty in his/her 3rd – 5th years as a faculty are particularly encouraged to submit the application package for the consideration.

³ We encourage you to submit the application package again, even if the non-tenured faculty had applied before.