

MYUNG-HAN YOON, PH.D. Professor

School of Materials Science and Engineering, Gwangju Institute of Science and Technology (GIST), Korea
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EDUCATION:

2001 - 2006 **Northwestern University**, Inorganic/Materials Chemistry, Ph.D. (Prof. Tobin J. Marks)
1993 - 2001 **Seoul National University** (Korea), Chemistry, B.S. & M.S. (Prof. Seong Keun Kim)

PROFESSIONAL CAREER:

2022- Advisory Professor, LG Electronics, Korea
2018- Professor, School of Materials Science and Engineering, GIST
2015-2018 Associate Professor, School of Materials Science and Engineering, GIST
2010-2015 Assistant Professor, School of Materials Science and Engineering, GIST
2010-2010 Visiting Scholar, Department of Chemistry, Northwestern University, USA
2010-2010 Visiting Scholar, College of Pharmacy, University of Illinois at Chicago, USA
2006-2009 Postdoctoral Fellow, Harvard University (with Prof. Hongkun Park)

RESEARCH INTERESTS:

- Bioelectronic Interfaces Based on Conjugated Polymers and Vertical Silicon Nanostructure Arrays
- High-Performance Organic & Metal Oxide Thin-Film Transistors for Flexible Printed Electronics
- Hydrogel Micro/Nanofibers for 3D Cell Culture and Printing
- Water/Air Purification & Renewable Energy (e.g., hydrogen, triboelectric, thermoelectric) Materials

HONORS AND AWARDS:

2018 Excellent Research Award, Korean Polymer Society
2018 Excellent Research Award, Polymer Chemistry Div., Korean Chemical Society
2016 Excellent Research Award, GIST
2014 Best Faculty Poster Prize, Gordon Research Conference (Biointerface Science), Italy
2007 Young Investigator Award, Inorganic Chemistry Div., American Chemical Society
2006 Award for Excellent Graduate Research of the Year, Northwestern University
2005 Graduate Student Award (GSA) in Materials Research Society (MRS), USA