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Undergraduate
Department of Chemistry
Seoul National University (SNU)
Republic of Korea

Minkyu Kim



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


Education

- 2012–2019 **Seoul National University**, Seoul, Korea (Graduation expected February, 2019)
- B.S. in Chemistry (GPA 3.6/4.3)
 - B.A. in Linguistics (GPA 4.0/4.3)
- N.B.: Mandatory military service in ROK army (2014–2016)
- 2013–2014 **Shanghai Jiao Tong University**, Shanghai, China (PRC)
- Invited exchange research student, via CAMPUS Asia program
 - All expenses including stipend paid by scholarship.
- 2009–2012 **Korea Science Academy of KAIST**, Busan, Korea
- Science magnet high school for gifted students

Honors and Awards

- 2012–2013, 2016–2017 **Presidential Science Scholarship**, Korea Student Aid Foundation
- Full tuition and stipend of ~US\$2,200 each semester for four years
- Sep 2016 **Dean's list**, College of Natural Sciences, Seoul National University
- Feb 2012 **The 18th Human-tech Thesis Prize**, Bronze medal, Samsung Electronics Co., Ltd.
- “Liquid production of bioethanol using waste newspaper and rice straw: efficiency increase of environmental-friendly ionic liquid pretreatment” 
- Feb 2011 **Best Research & Education Project Prize**, Korea Science Academy of KAIST
- “Variable focal liquid lens based on electrowetting” 

International Linguistics Olympiad (IOL)

- 2019 **Co-chair**, Local Organizing Committee, *The 17th IOL* (Yongin, Korea, 2019) 
- Co-chairing the local board of the upcoming IOL, to be held in Korea.
- 2016–2018 **Team Leader of Korea**, *The 14th* (Mysore, Jul 25–29, 2016), *15th* (Dublin, Jul 31–Aug 4, 2017), and *16th IOL* (Prague, Jul 26–30, 2018) 
- Educated and lead the Korean team to the IOL for three consecutive years.
- 2011 **Bronze medal**, *The 9th IOL* (Pittsburgh, Jul 25–30, 2011) 
- Participated as a contestant, scoring the best among the Korean team.

Military Service

- 2014–2016 Sergeant, ROK Army (Honorably discharged Jan 20, 2016)

Research Experiences

Please see <http://minkyu.kim/projects> for further details.

- 2018–pres. Human Brain Function Laboratory, SNU Hospital, Korea **Chun Kee Chung** [✉](#)
- Somatosensation from direct cortical stimulations
 - Neural mechanism of parchment-skin illusion and multisensory integration
- 2017 National Institute of Neurological Disorders and Stroke, NIH, USA **L. G. Cohen** [✉](#)
- Spatiotemporal neural signature of a memory of errors
- 2017 Laboratory of Stimuli-Responsive Chemical Systems, SNU, Korea **Dongwhan Lee** [✉](#)
- Synthesis of cyclic tetrabenzimidazole ligands elaborated with hydrogen bonds in the secondary coordination sphere
- 2013 Che's Group, Shanghai Jiao Tong University, China (PRC) **Shun'ai Che** [✉](#)
- Pressure-assisted synthesis of mesoporous silica
- 2011 Nano-Oriented Bio-Electronics Lab., KAIST, Korea **Yang-Kyu Choi** [✉](#)
- Electrowetting on a superhydrophobic cylindrical Microshell Array
- 2010, 2014 Biological Interfaces Lab., Sogang University, Korea **Kwanwoo Shin** [✉](#)
- Liquid lens based on Electrowetting-on-dielectric (EWOD)

Publications

- 2018 **Kim, M.**, Byun, H., Choe, G. & Yurn, G. A Quantitative Study on the 'Phags-pa Script, *SCRIPTA*, accepted for publication, 2018.
- 2015 Lee, J., **Kim, M.**, Ko, H., Kim, J., Kim, Y., ... & Shin, K. Electrowetting Technique for Measuring the thickness of Spin-Coated Hydrophobic Fluoropolymer Films, *Sci. Adv. Mat.*, 7(5), 869-873, 2015. [✉](#)
- 2011 Kwon, O. S., **Kim, M.**, Kim, T., Lee, C., Han, S., ... & Shin, K. Reversibility of Electrowetting on Hydrophobic Surfaces and Dielectrics Under Continuous Applied DC Voltage, *J. Nanosci. Nanotechnol.*, 11(8), 7132-7136, 2011. [✉](#)

Invited Presentations

- 2018 (Oral) "Datives in Dependent Case Theory: Lexical, Dependent, or Unmarked?", *The 13th Formal Description of Slavic Languages*, Göttingen, December 2018. [✉](#)
- 2017 (Oral) "Some issues on the inconsistency of the inventory of the 'Phags-Pa script", *The 60th Annual Meeting of the Permanent International Altaistic Conference*, Székesfehérvár, August 2017. [✉](#)

Language Proficiency

Korean (native), English (iBT® Score 113), Mandarin Chinese (New HSK, Level 5)

Other Skills

Programming (C++, Python), Web Development (HTML, CSS, Javascript)