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Education

BS (Chemical and Biological Engineering, Summa Cum Laude, HoneyWell Inc. Fellow)
University at Buffalo, The State University of New York , 1999

PhD (Chemical and Biological Engineering , Presidential Fellow) University at Buffalo, The State University of New York , 2005

Work Experience

- Assistant Professor, Ulsan National Institutue of Science and Technology (UNIST), 02/2012 ~ current
- Assistant Professor, Nanyang Technological University (NTU), 2005 - 2011
- Research and Teaching Assistants, University at Buffalo, 2000 - 2005
- Introduction to Chemical Engineering, 1999; Applied Chemical Kinetics, 2000
- Research Assistant in Buffalo R&D department, AlliedSignal (HoneyWell) Inc., Buffalo , NY , 1998
- Undergraduate Research Assistant, University at Buffalo , SUNY, Buffalo , NY , 1998

Professional Member and Service

- Member of Korean Institute of Chemical Engineers (KICHE)
- Member of American Institutue of Chemical Engineers (AICHE)
- Member of American Chemical Society (ACS)
- Member of American Nano Society (ANS)
- Member of honor society: Golden Key and Tau Beta Pi
- Member of editorial board of the Journal of Periodontal & Implant Science