

Ji Yeon Lee

Chemical Engineering

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Education	Ph.D. Course, Chemical Engineering Department, 08/23/2006~present University of Florida Master of Science, Department of Chemical and Biological Engineering, February 2006 Seoul National University Bachelor of Science, School of Chemical Engineering, February 2004 Seoul National University
Publication	“Surface Modification of Poly(dimethylsiloxane) for Retarding Swelling in Organic Solvents”, Jiyeon Lee, M. Joon Kim, and Hong H. Lee, 2006, <i>Langmuir</i>, 22(5), 2090-2095 “An Improved Method of Preparing Composite PDMS Molds”, Hyewon Kang, Jiyeon Lee, Joonhyung Park, and Hong. H. Lee, 2005, <i>Nanotechnology</i>, 17, 197-200 “Residue-Free Nanofilling with Wetting Solutions”, Tae-ill Kim, S. Joon Kwon, Jiyeon Lee and Hong H. Lee, 2006, <i>Applied Physics Letters</i>, 89, 173115
Experience	Graduate Research Assistant Chemical Engineering, University of Florida Researched Cell Mechanism and Nanobiotechnology Supervised by Dr. Tanmay Lele (University of Florida) (7. 2007 ~ present) Graduate Research Assistant, Nano Processing and Organic Devices Lab.(Brain Korea 21) School of Chemical and Biological Engineering, Seoul National University Researched Nano Patterning, Electronic Materials, and Organic Devices Supervised by Dr. Hong. H. Lee (Seoul National University) (1. 2004 ~ 2. 2006) Researcher Assistant, Research Project of Korea Research Foundation “ Fabrication of Nano Patterns Using Capillary Force and Polymer Dewetting Phenomenon ” (1. 2004 ~ 11. 2004)

**Researcher Assistant, Research Project of Korea Science and Engineering
Foundation(KOSEF)**

“Development of Non-photolithographic Patterning Process and Their Mechanical
Characterization Technologies for Fabrication of Functional Ceramic and Organic Micro/Nano
Devices ”(1. 2004 ~ 8.2006)

**Researcher Assistant, Research Project of Nano System Institute_National Core
Research Center (NSI-NCRC)**

“Nanophotonic Materials” (1.2004 ~ 8.2005)

Teaching Assistant, Seoul National University

Graded undergraduate students in the course Chemical Reaction Engineering 2
(9. 2004 ~ 12. 2004)

Accomplishment

The Seoul National University scholarship with honor for 7 semesters 2000 ~ 2003

The Seoul National University scholarship with honor, Un-Bong Foundation scholarship 2004

The scholarship of Brain Korea 21 (2004 ~ 2006)

University of Florida Assistantship (2006 ~ present)