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**Jung Hang Lee**

Assistant Professor of Mathematics

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**Education**

Ph.D. Columbia University, Teachers College  
M.S. NJIT/Rutgers University  
B.S. University of Technology, Sydney

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**Areas of Specialization/Expertise**

- Mathematics Education
- Applied Mathematics
- North Korean Mathematics

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**Current Areas of Research**

- Mathematical concept map
- Placement tests in mathematics
- North Korean secondary mathematics education

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**Courses Taught**

- Pre-Calculus
- Calculus I
- Calculus II
- Calculus with Business Application
- Intermediate Algebra
- College Algebra
- Mathematics for Health Sciences
- Development of Mathematics
- Mathematical Reasoning
- Statistical Method
- Statistics and Probability

## **Membership in Professional Societies**

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- National Council of Teachers of Mathematics
- Korean-American Scientists and Engineers Association
- Australian National Computer Society, Australia

## **Publications & Presentations**

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### **Book**

- Lee, J.H. Understanding North Korean Secondary School Mathematics Education (2012)  
Publisher: LAP LAMBERT

### **Academic Journals**

- “Adjacent Schools with Infinite Distance - Narratives from North Korean Mathematics Classrooms” International Congress on Mathematical Education (2012)
- “Content or Ideology? A Case Study of Mathematical Teaching in North Korea” Asia Pacific Journal of Education, Vol. 30, Issue 1 (March 2010): 1-13

### **Presentations**

- Regular Lecture: International Congress on Mathematical Education (2012), Title: Adjacent Schools with Infinite Distance - Narratives from North Korean Mathematics Classrooms
- Lead Speaker (Large Gallery Workshop) 2007 Annual meeting of National Council of Teachers of Mathematics, Title: *Uncommon Problem-Solving Technique Commonly Used in Korea for Higher Results.*
- Lead Speaker (Large Gallery Workshop) 2006 Annual meeting of National Council of Teachers of Mathematics, Title: *Uncommon Pedagogy Commonly Used in Korea for Higher Results.*