

CURRICULUM VITAE



ROOSEVELT UNIVERSITY
COLLEGE OF EDUCATION

BYOUNG SUG KIM

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Elementary Education Program
Roosevelt University
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EDUCATION

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| Ph.D. | 2006 | Illinois Institute of Technology, Chicago, IL, Science Education |
| M.Ed. | 2001 | Korea National University of Education, Chungbuk, South Korea, Science Education |
| B.S. | 1998 | Cheju National University, Jeju, South Korea, Biology Education |

PROFESSIONAL WORK EXPERIENCE

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| 2012 – Present | Associate Professor of Elementary Education, Department of Curriculum Studies, Roosevelt University, IL |
| 2006 – 2012 | Assistant Professor of Elementary Education, Department of Curriculum Studies, Roosevelt University, IL |
| 2002 – 2006 | Graduate Research Assistant, Department of Math and Science Education, Illinois Institute of Technology, IL |
| 2001 – 2002 | Science and Math Teacher in grades 7-12, Jeil Institute, Jeju, South Korea |
| 1999 – 2001 | Graduate Research Assistant, Department of Biology Education, Korea National University of Education, Chungbuk, South Korea |

COURSES TAUGHT AT ROOSEVELT UNIVERSITY

- Fall 2016 ECHD 332: Teaching Pre-Primary Science, Math, and Social Studies
ECHD 333: Teaching Primary Science, Math, and Social Studies
ELED 321: Teaching Mathematics in the Elementary/Middle School (CBA)
ELED 421: Teaching Mathematics in the Elementary/Middle School
ELED 426: Science Curriculum and Methods in the Elem School (CBA)
- Summer 2016 EDUC 480: Inquiry in the Classroom
Summer 2016 ECHD 433: Teaching Primary Science, Math, and Social Studies (CBA)
- Spring 2016 ELED 321: Teaching Mathematics in the Elementary/Middle School
ELED 426: Science Curriculum and Methods in the Elementary School
- Summer 2015 EDUC 480: Inquiry in the Classroom
Summer 2015 ECHD 433: Teaching Primary Science, Math, and Social Studies (CBA)
- Spring 2015 ELED 321: Teaching Mathematics in the Elementary/Middle School
ELED 426: Science Curriculum and Methods in the Elementary School
- Fall 2014 ELED 321: Teaching Mathematics in the Elementary/Middle School
ELED 421: Teaching Mathematics in the Elementary/Middle School
- Summer 2014 ECHD 433: Teaching Primary Science, Math, and Social Studies
- Spring 2014 ELED 325: Teaching Science in the Elementary School
ELED 426: Science Curriculum and Methods in the Elementary School
- Fall 2013 ELED 321: Teaching Mathematics in the Elementary/Middle School
ELED 421: Teaching Mathematics in the Elementary/Middle School
TLED 433: Evaluating Student Learning
- Summer 2013 TLED 433: Evaluating Student Learning
ECHD 433: Teaching Primary Science, Math, and Social Studies
- Spring 2013 ELED 325: Teaching Science in the Elementary School
ELED 426: Science Curriculum and Methods in the Elementary School
ELED 321: Teaching Mathematics in the Elementary/Middle School
- Fall 2012 ELED 321: Teaching Mathematics in the Elementary/Middle School
ECHD 332: Teaching Pre-Primary Science, Math, and Social Studies
ECHD 333: Teaching Primary Science, Math, and Social Studies
- Summer 2012 EDUC 480: Inquiry in the Classroom
ECHD 433: Teaching Primary Science, Math, and Social Studies
- Spring 2012 ELED 325: Teaching Science in the Elementary School
ELED 426: Science Curriculum and Methods in the Elementary School

- Fall 2009 ELED 321: Teaching Mathematics in the Elementary/Middle School
ECHD 332: Teaching Pre-Primary Science, Math, and Social Studies
ECHD 333: Teaching Primary Science, Math, and Social Studies
- Summer 2011 EDUC 480: Inquiry in the Classroom
ECHD 433: Teaching Primary Science, Math, and Social Studies
- Spring 2011 ELED 325: Teaching Science in the Elementary School
ELED 426: Science Curriculum and Methods in the Elementary School
EDUC 480: Inquiry in the Classroom
- Summer 2010 EDUC 480: Inquiry in the Classroom
- Spring 2010 ELED 325: Teaching Science in the Elementary School
ELED 426: Science Curriculum and Methods in the Elementary School
EDUC 480: Inquiry in the Classroom
- Fall 2009 ELED 426: Science Curriculum and Methods in the Elementary School
ECHD 332: Teaching Pre-Primary Science, Math, and Social Studies
ECHD 333: Teaching Primary Science, Math, and Social Studies
- Spring 2009 ELED 325-01 & 325-02: Teaching Science in the Elementary School
ELED 426-46: Science Curriculum and Methods in the Elementary School
ELED 426-90: Science Curriculum and Methods in the Elementary School
CHEM 100: The Chemistry of Global Warming
- Fall 2008 ECHD 332: Teaching Pre-Primary Science, Math, and Social Studies
ECHD 333: Teaching Primary Science, Math, and Social Studies
ELED 426: Science Curriculum and Methods in the Elementary School
- Spring 2008 ELED 325/426: Teaching Science in the Elementary School
ELED 366/470: Student Teaching and Seminar in the Elementary School
EDUC 480: Inquiry in the Classroom
- Fall 2007 ELED 325: Teaching Science in the Elementary School
ELED 426: Science Curriculum and Methods in the Elementary School
ELED 366/470: Student Teaching Seminar
- Summer 2007 ELED 426: Science Curriculum and Methods in the Elementary School
- Spring 2007 ELED 325: Teaching Science in the Elementary School
ELED 426: Science Curriculum and Methods in the Elementary School
ELED 366/470: Student Teaching Seminar
- Fall 2006 ELED 325: Teaching Science in the Elementary School
ELED 435: Science Curriculum and Methods in the Elementary School

ADVISING RESPONSIBILITY

2010 – 2011	Approximately 15 students
2009 – 2010	Approximately 30 students
2008 – 2009	Approximately 50 students
2007 – 2008	Approximately 60 students
2006 – 2007	Approximately 80 students

SERVICE**Department/Program**

2015 July	Reviewer, Student Performance Review
2014 – 2015	Member, ELED Re-design Team
2014 June	Reviewer, Student Performance Review
2012 December	Reviewer, Student Performance Review
2012 April	Volunteer, Proposal for organizing undergraduate student
2012 March	Member, ELED Program Review Committee
2008 – 2009	Member, Early Childhood Education Search Committee
2007 – 2008	Member, Elementary Education (Mathematics) Search Committee
2006 – 2007	Member, Early Childhood Education Search Committee
2006 – present	Representative of Elementary Education at 25 meetings including information sessions, open houses, cooperating teacher orientations, and student teacher orientations.

College

2012 – 2014	Chair, College Council
Fall 2012	Member, Reappointment Review Committee
Fall 2012	Member, Field Placement Coordinator Search Committee
2012 – 2013	Member, Technology & Information Services Committee
Summer 2012	Member, Retention Course Committee
Fall 2011	Member, Assessment Coordinator Search Committee
2011 April	Presenter, Democratic Learning Community Capstone Conference
Summer 2010	Faculty Representative, Seminar offered by Texas Instruments
2010 April	Presenter, Democratic Learning Community Capstone Conference
Spring 2010	Faculty Representative, Professional Development Workshop offered by Texas Instruments
Fall 2009	Faculty Representative, COE and Museum of Science Industry partnership meeting
2009 – 2012	Member, Democratic Learning Community Committee
Summer 2009	Member, Democratic Learning Community Task Force
2008 – 2010	Member, Professional Development Committee
2007 – 2008	Chair, Professional Development Committee
2007	Reviewer, the science/math initiative grant

University

2012 - Present	Member, International Programs Advisory Board
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2011 – 2012	Member, Teaching, Learning and Research Technologies Committee
2011 April	Commencement usher
2008 – 2010	Member, Student Review Board
2007 – 2010	Senator
2009	Member, Pharmacy Dean Search Committee
2008 – 2009	Member, Faculty Research Committee
2009 February	Presenter, Faculty Research Presentation
2008 February	Presenter, Service Learning Workshop, Center for Teaching and Learning
2008 February	Presenter, Faculty Research Presentation
2007 September	Greeter, Greeter Program

Public School Community

2009 – 2016	Science Fair Judge at Newberry Math & Science Academy
2010	Service learning – Reverse Science Fair at Newberry: teacher candidates presented their science fair projects at Newberry School
2009	Service learning – Running a global warming workshop prepared by RU undergraduates and middle school students from Newberry School participated in the workshop
2009	Service learning grant – bringing teacher candidates to an elementary school to help ESL (English as a Second Language) students' science fair projects at Gifford Elementary School
2009	History Fair Judge at Ancona School
2008	Service learning grant – helping teacher candidates prepare science fair presentations for elementary students Presenter: a city-wide event, Science Chicago partnering RU
2007	Service learning grant – running an afterschool workshop for teacher candidates to help high-need elementary students' science fair project at Newberry Elementary School

Korean American Community

2013 – 2016	Scholarship Reviewer, Korean Education Center in Chicago
2009 – 2011	Vice President, Korean American Association of Chicago <ul style="list-style-type: none"> • Advocating census 2010
2008 – 2011	Scholarship Reviewer, Korean Education Center in Chicago
2009 – 2010	Member, Advisory Board of Hasang Catholic Church School

Professional and Academic Community

20012	Reviewer, NARST annual meeting, Strand 3
2011 – 2012	Member, JRST Award Committee, NARST
2010 – 2011	Associate Editor, <i>The International Journal of Learning</i>
2008 – 2010	Journal Reviewer, <i>Journal of Research in Science Teaching</i>
2008 – 2010	Ad hoc Journal Reviewer, <i>the Journal of Advanced Academics</i>
2007 – 2012	Journal Reviewer, <i>International Journal of Science Education</i>
2007	Textbook Reviewer, <i>Authentic Science Teaching</i> , Cengage Learning

2007 – 2008	Reviewer, AERA annual meeting, Division C
2007	Reviewer, NARST annual meeting, Strand 3 & 13
April 2006	Presider, NSTA/ICASE International Conference, Anaheim, CA
2005 – 2006	Reviewer, NARST annual meeting, Strand 8
2004 – 2006	Reviewer, NARST annual meeting, Strand 4

AWARDS AND HONORS

Fall 2015	Faculty Research Leave, Roosevelt University
2012	William Bennett Award, National Center for Science and Civic Engagement
2011	Summer Research Grant, Roosevelt University
Fall 2010	Faculty Research Leave, Roosevelt University
2008	Certificate for excellence in preparing proposals for external funding, Roosevelt University
2008	Summer Research Grant, Roosevelt University
2007	Summer Research Grant, Roosevelt University
2006	Academic Outstanding Award, Illinois Institute of Technology

GRANTS

2016	Principal Investigator: The Robert Noyce Teacher Scholarships & Stipends Track (S&S)
2011	Co-Principal Investigator: Noyce Capacity Building Project, submitted to the National Science Foundation, Not Accepted.
2010	Co-Principal Investigator: RU Graduate Teaching Fellows in Chicago Public Schools, submitted to the National Science Foundation, Not Accepted.
2009	Co-Principal Investigator: RU Graduate Teaching Fellows in Chicago Public Schools, submitted to the National Science Foundation, Not Accepted.
2008 - 2009	SENCER (Science Education for New Civic Engagement and Responsibilities) grant recipient (with David Szpunar): Science Course Development for Education Majors, \$3,000.
2008 - 2009	McCormick Tribune Foundation Transformational Service-Learning Grants recipient (with Ken King): Providing elementary students with authentic experiments, Roosevelt University.
2007 - 2008	McCormick Tribune Foundation Transformational Service-Learning Grants recipient (with Ken King): Helping Elementary Students' Science Fair Projects, Roosevelt University.

2008 Co-Principal Investigator: Roosevelt Teacher Institute (RTI) – MA in Teacher Leadership –Science or Mathematics Endorsement, submitted to the National Science Foundation, Not Accepted.

PUBLICATIONS

- Yoon, H-G. & **Kim, B. S.** (2016). Preservice elementary teachers' beliefs about nature of science and constructivist teaching in the content-specific context. *Eurasia Journal of Mathematics, Science & Technology Education*, 12(3), 457-475.
- King, K. P. & **Kim, B. S.** (2014). A penny for your thoughts? *Science Scope*, 38(1), 40-45.
- Yoon, H-G., Kim, M., **Kim, B. S.**, Joung, Y. J., & Park, Y-S. (2013). Pre-service teachers' views of inquiry teaching and their responses to teacher educators' feedback on teaching practice. *Eurasia Journal of Mathematics, Science & Technology Education*, 9(4), 347-359.
- Yoon, H-G., Joung, Y. J., Kim, M., Park, Y-S., & **Kim, B. S.** (2012). Examining pre-service elementary teachers' views on science inquiry. *Journal of Korean Elementary Science Education*, 31(3), 334-346.
- Kim, B. S.**, & King, K. P. (2012). Elementary preservice teachers' understandings about the purpose of scientific inquiry. *International Journal of Learning*, 18(8), 163-174.
- Lederman, J. S., Lederman, N. G., **Kim, B. S.**, & Ko, E. K. (2011). Teaching and learning of nature of science and scientific inquiry: Building capacity through systematic research-based professional development. In M. S. Khine (Ed.), *Advances in nature of science research: concepts and methodologies* (pp. 125-152). New York, NY: Springer.
- Kim, B. S.** (2010). Integration of service-learning into elementary science teaching methods courses. *International Journal of Learning*, 17(8), 321-330.
- Kim, B. S.**, & Szpunar, E. D. (2010). Integrating teaching experience into an introductory Chemistry course: The chemistry of global warming. *Science Education and Civic Engagement: An International Journal*, 3, 35-40.
- Kim, B. S.**, & McKinney, M. K. (2007). Teaching the nature of science through the concept of living. *Science Scope*, 30(8), 20-25.
- Kim, B. S.**, Chung, W. H., & Lee, K. J. (2001). The relationship among academic volitional strategies, learning strategy, and achievement in science classroom. *Journal of the Korea Society of Biological Education*, 29(4), 300-308.

Koo, S. J., Kim, Y. S., **Kim, B. S.**, Lee, S. C., & Chung, W. H. (2000). Comparison between BSCS guide to biological literacy and the 6th, 7th national curricula. *Journal of the Korean Association for Research in Science Education*, 20(3), 396-410.

PRESENTATIONS AT PROFESSIONAL MEETINGS

Kim, B. S., & Ko, E. K. (2014, July). *Service-Learning and Civic Engagement*. Workshop presented at the Annual Meeting of the Korean Association for Science Education, Chuncheon, South Korea.

Yoon, H-G., & **Kim, B. S.** (2012, October). Preservice Elementary Teachers' Views of the Nature of Science and Science Teaching. Paper presented at the Asian Regional Conference of International History, Philosophy, and Science Teaching, Seoul, South Korea.

Kim, B. S., Son, Y-A., Ko, E. K., & Hong, S. J. (2012, March). Preservice Secondary Science Teachers' Approaches to Teaching Inquiry Skills. Paper presented at the Annual Meeting of the National Association for Research in Science Teaching, Indianapolis, IN.

Kim, B. S., & Ko, E. K. (2011, April). *Pre-service Elementary Teachers' Peer Teaching Lessons on Inquiry Process Skills*. Paper presented at the Annual Meeting of the National Association for Research in Science Teaching, Orlando, FL.

Kim, B. S. (2010, July). *Integration of Service Learning into Elementary Science Teaching Methods courses*. Paper presented at the International Conference of Korean Society of Elementary Science Education, Jinju, South Korea.

Kim, B. S. (2010, July). *Explicit versus Implicit Teaching: Preservice Elementary Teachers' Peer Teaching Lessons on Inquiry Process Skills*. Paper presented at the International Conference of Korean Society of Elementary Science Education, Jinju, South Korea.

Kim, B. S., Son, Y. A., & Hong, S. J. (2010, March). *Preservice Secondary Science Teachers' Understanding of Testing Hypotheses*. Paper presented at the Annual Meeting of the National Association for Research in Science Teaching, Philadelphia, PA.

King, K. P., **Kim, B.** & Posada, G. (2010, March). *Inquiring minds, inquiring methods: The science fair as a means of inquiry-based investigations, school-university partnerships, and professional renewal*. Presentation proposal submitted in support of the National Science Teacher's Association annual conference, Philadelphia, PA.

- Ko, E. K., **Kim, B. S.**, & Lederman, N. G. (2010, March). *The Vision of the NSES and the Vignettes from Classrooms*. Paper presented at the Annual Meeting of the National Association for Research in Science Teaching, Philadelphia, PA.
- Kim, B.S.**, & Szpunar, D. (2009, August). *Chemistry of Global Warming: Integrating Teaching Experience into an Intro Chemistry Course*. Paper presented at Summer Institute of Science Education for New Civic Engagements and Responsibilities, Chicago, IL.
- Kim, B. S.**, & King, K. P. (2009, January). *Elementary Preservice Teachers' Understandings about Purposes of Scientific Inquiry*. Paper presented at the annual meeting of the Association for Science Teacher Education, Hartford, CT.
- King, K. P., & **Kim, B. S.** (2009, January). *The Science Fair: A Service Learning Experience to Promote Student-directed Inquiry*. Paper presented at the annual meeting of the Association for Science Teacher Education, Hartford, CT.
- Kim, B. S.**, & Lederman, N. G. (2008, April). *Transferability of seventh grade students' views of nature of science*. Paper presented at the annual meeting of the American Educational Research Association, New York, NY.
- Kim, B. S.**, & Lederman, N. G. (2008, April). *Utilizing Nature of Science as the Context of Doing Science*. Paper presented at the annual meeting of the National Association for Research in Science Teaching, Baltimore, MD.
- Ko, E. K. & **Kim, B. S.**, & Lederman, N. G. (2008, April). *A Cross-Sectional Study: Consistent Patterns between Students' Understandings about Inquiry and Their Abilities to Do Inquiry*. Paper presented at the annual meeting of the National Association for Research in Science Teaching, Baltimore, MD.
- Kim, B. S.**, & McKinney, M. K. (2007, October). *Teaching the Concept of Living to Seventh Graders*. Paper presented at the Regional Convention of the National Science Teachers Association, Detroit, MI.
- Kim, B. S.** (2007, October). *Seventh Grade Students' Science Fair Projects and Their Classroom Investigations into Plants: The Purpose of Scientific Inquiry*. Paper presented at the Midwest Symposium, Chicago, IL.
- Ko, E. K. & **Kim, B. S.** (2007, April). *Are Learners' Views of Nature of Science Content-Dependent? A Review of the Research*. Paper presented at the annual meeting of the National Association for Research in Science Teaching, New Orleans, LA.
- Lederman, N. G., Lederman, J. S., **Kim, B. S.**, & Ko, E. K. (2007, April). *Project ICAN: A program to enhance teachers' and students' understandings of nature of science and scientific inquiry*. Paper presented at the annual meeting of the American Educational Research Association, Chicago, Illinois.

- Kim, B. S.** (2006, April). *Secondary Science Teacher Education and the 7th National Curriculum Reform in South Korea*. Paper Presented at the National Convention of the National Science Teachers Association, Anaheim, CA.
- Kim, B. S., & Ko, E. K.** (2006, April). *Butterfly camouflage*. Workshop Presented at the National Convention of the National Science Teachers Association, Anaheim, CA.
- Lederman, N. G., Lederman, J. S., **Kim, B. S., & Ko, E. K.** (2006, April). *Project ICAN: A program to enhance teachers and students' understandings of nature of science and scientific inquiry*. Paper presented at the annual meeting of the National Association for Research in Science Teaching, San Francisco, CA.
- Kim, B. S., & Lederman, N. G.** (2005, April). *A case study on the relationship between a student's understandings of nature of science and biology content: Nature of science as a descriptive framework*. Paper presented at the annual meeting of the National Association for Research in Science Teaching, Dallas, TX.
- Kim, B. S., Ko, E. K., Lederman, N. G., & Lederman, J. S.** (2005, April). *Changes in teachers' pedagogical skills related to nature of science*. Paper presented at the annual meeting of the National Association for Research in Science Teaching, Dallas, TX.
- Lederman, N. G., Lederman, J. S., **Kim, B. S., & Ko, E. K.** (2005, August). *Project ICAN: A program to enhance teachers and students' understandings of nature of science and scientific inquiry*. Paper presented at the biannual meeting of the European Science Education Research Association, Barcelona, Spain.
- Kim, B. S., Lederman, N. G., & Lederman, J. S.** (2005, March). *Teaching nature of science through the controversy over spontaneous generation*. Paper Presented at the National Convention of the National Science Teachers Association, Dallas, TX.
- Kim, B. S., Ko, E. K., Lederman, N. G., & Lederman, J. S.** (2005, January). *Teachers' pedagogical skills of teaching nature of science*. Paper presented at the annual meeting of the Association for the Science Teacher Education, Colorado Springs, CO.
- Kim, B. S., Ko, E. K., & Lederman, N. G.** (2004, April). *Inquiry as a teaching strategy: Does it work?* Paper presented at the annual meeting of the National Association for Research in Science Teaching, Vancouver, Canada.
- Kim, B. S., & Lederman, N. G.** (2004, January). *The relationship between views of nature of science and science achievement*. Paper presented at the annual meeting of the Association for the Education of Teachers of Science, Nashville, TN.
- Kim, B. S., Chung, W. H., Lee, K. J., & Kwon, Y. J.** (2001, April). *Self-regulation of learning and the role of the prefrontal lobe functions*. Paper presented at the annual meeting of the American Education Research Association, Seattle, WA.

Kim, B. S., Koo, S. J., Chung, W. H., & Lee, K. J. (2001, March). *Self-regulated strategy in science classroom: the role of volitional strategy*. Paper presented at the annual meeting of the National Association for Research in Science Teaching, St. Louis, MO.

Koo, S. J., Kim, Y. S., **Kim, B. S.**, Lee, S. C., & Chung, W. H. (2000, May). *Comparison between BSCS guide to biological literacy and the 6th, 7th national curricula*. Paper presented at the biannual meeting of Korea Association for Research in Science Education, Chun-Buk, South Korea.

INVITED PRESENTATIONS

Kim, B. S. (2014, May). Developing an Assessment Tool on Teaching Inquiry Process Skills. RU Accesses – Micro-grant Presentation, Roosevelt University.

Kim, B. S. (2012, July). *What is the Nature of Science?* Colloquium at Ewa Womans University, Seoul, South Korea.

Kim., B. S. (2012, June). *Preservice Teachers' Teaching of Inquiry Skills*. Invited talk at International Seminar for the 65th Anniversary of Dankook University, Yong-In, South Korea.

Kim, B. S. (2011, June). *What Is Nature of Science and What is A Way of Teaching Nature of Science?* Colloquium at Jeju National University of Education, Jeju, South Korea.

Kim, B. S. (2010, August). *The National Science Education Standards and Inquiry-based Science Teaching*. Invited Lecture at a Professional Development Workshop for Middle School Science Teachers, Gyeonggi Institute of Science Education, Suwon, South Korea.

Kim, B. S. (2010, August). *The Nature of Science, Science Learning, and Scientific Inquiry*. Colloquium at Korea National University of Education, Chungbuk, South Korea.

Kim, B. S. (2008, July-August). *Importance of Understanding the Nature of Science in Learning Scientific Concepts and Doing Scientific Inquiry*. Colloquium at six universities in South Korea: Seoul National University, Korea National University of Education, Chungbuk National University, Dankook University, Chuncheon National University of Education, and Gyeongin National University of Education.

Kim, B. S. (2008, February). *Purpose of Scientific Inquiry: Seventh Grade Students' Science Fair Projects*. Presented at RU Faculty Research Presentations, Roosevelt University.

Kim, B. S. (2006, March). *A Seventh Grade Student's Learning of Nature of Science and Biology Concepts: How do they interact with each other?* The Stockholm Institute

and Illinois Institute of Technology Science Education Research Symposium,
Department of Math and Science Education, Illinois Institute of Technology.

PROFESSIONAL DEVELOPMENT EXPERIENCES

- 2015 Annual Conference of National Association for Research in Science Teaching,
Chicago, April 11 – 14, 2015
- 2014 Service-Learning Workshop hosted by the Service-Learning and Civic Engagement
Consortium, Roosevelt University, May 16
- 2014 Conference for the ILASCD Next Generation Science Standards at Northern Illinois
University, Naperville, February 10
- 2014 Integrating Service-Learning with Instruction at Roosevelt University, January 31
- 2013 Building Capacity in Service-Learning Professional Development Session at
National-Louis University, September 27
- 2013 2nd Educational Discussion Series, Concept Talks, Chicago, September 17
- 2011 Apple in Higher Education Workshop at Roosevelt University, February 8.
- 2010 Texas Instrument’s Workshop in Indianapolis, Indiana. June 22-24
- 2010 Texas Instrument’s Workshop at College of Education, Roosevelt University. May
19-22.
- 2009 Community Based Research: The Highest Form of Service-Learning at Roosevelt
University
- 2009 Scholarship of Engagement, Professional Development Series at Loyola University
- 2009 SENCER (Science Education for New Civic Engagement and Responsibilities)
Summer Institute, Chicago, IL.
- 2007 Taskstream Workshops at Roosevelt University.
- 2007 Blackboard Workshops at Roosevelt University.
- 2007 Research Friday Workshops at Roosevelt University.
- 2007 Service-learning Grant workshop at Roosevelt University.
- 2007 SENCER (Science Education for New Civic Engagement and Responsibilities)
Workshop at Roosevelt University.
- 2007 Midwestern Symposium on Excellence in Teaching Mathematics and Science:
Research and Practice, Chicago Symposium Series, Chicago, IL.
- 2007 SENCER (Science Education for New Civic Engagement and Responsibilities)
Summer Institute, Portland, ME.
- 2005 CESI (Council for Elementary Science International) Mini Conference “Expanding
Inquiry Beyond the Walls of the K-8 Classroom,” National Science Teachers
Association, Dallas, TA.
- 2004 Symposium I “Excellence in Teaching Mathematics and Science: Research and
Practice,” The 6th Annual Chicago Symposium Series, Chicago, IL.
- 2003 Symposium II “Excellence in Teaching Mathematics and Science: Research and
Practice,” The 5th Annual Chicago Symposium Series, Chicago, IL.
- 2003 National Association for Research in Science Teaching Pre-Conference Workshop
“Assessing learners’ views of nature of science: Hands-on/minds-on experiences
with the Views of Nature of Science questionnaire (VNOS),” NARST annual
meeting, Philadelphia, PA.
- 2003 “Special Workshop for Engineering Faculty Members,” Illinois Institute of
Technology, Chicago, IL.

- 2003 CESI Workshop “Make and Take,” National Science Teachers Association, Philadelphia, PA.
- 2003 CESI Mini Conference “Language Arts and Scientific Inquiry,” National Science Teachers Association, Philadelphia, PA.
- 2002 “Special Workshop for Korean Superintendent in Education Department,” Illinois Institute of Technology, Chicago, IL.
- 2000 International Conference “Theory and Practice of Integrated Science Education,” The Korean Association for Research in Science Education, Korean National University of Education, Chungbuk, South Korea.