

HEEJUNG AN, Ed. D.

Specializations: Educational Technology, Science Education, and Educational research

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Education	<ul style="list-style-type: none"> • Doctor of Education (Ed. D.) in Instructional Technology and Media in Education, Department of Mathematics, Science, and Technology, Teachers College, Columbia University, New York, NY, 2004. • Master of Arts (M.A.) in Communication Management & Technology, Department of Culture and Communication, The School of Education, New York University, New York, NY, 1997. • Bachelor of Science (B.S.) in Biology and Science Education. Division of Molecular and Life Sciences, College of Natural Sciences, Ewha Womans University, Seoul, Republic of Korea, 1993.
Research, Publications, & Scholarly Activities	<p>Books:</p> <ul style="list-style-type: none"> • An, H. (Ed.) (2017). <i>Handbook of Research on efficacy and implementation of study abroad programs for P-12 teachers</i>. Hershey, PA, IGI Global. • An, H., Alon, S., & Fuentes, D. (Eds.) (2014). <i>Tablets in K-12 education: Integrated experiences and implications</i>. Hershey, PA: IGI Global. <p>Refereed Book Chapters:</p> <ul style="list-style-type: none"> • An, H., & Hong, C. E., & Fuentes, D. (2017). The Benefits and Limitations of a Short-Term Study Abroad Program to Prepare Teachers in a Multicultural Society. In H. An (Ed.), <i>Handbook of research on efficacy and implementation of study abroad programs for P-12 Teachers</i>, Hershey, PA: IGI Global. • An, H., Alon, S., & Fuentes, D. (2014). iPad implementation models in NJ K-12 school environments. In H. An, S. Alon, & D. Fuentes (Eds.), <i>Tablets in K-12 education: Integrated experiences and implications</i>. Hershey, PA: IGI Global. • Alon, S., An, H., & Fuentes, D. (2014). The iPad: A mathematics classroom tool for implementing the Common Core State Standards' technology vision. In H. An, S. Alon, & D. Fuentes (Eds.), <i>Tablets in K-12 education: Integrated experiences and implications</i>. Hershey, PA: IGI Global. • Fuentes, D., An, H., & Alon, S. (2014). Mobile Devices and Classroom Management: Considerations and applications for effective use in an elementary school classroom. In H. An, S. Alon, & D. Fuentes (Eds.), <i>Tablets in K-12 education: Integrated experiences and implications</i>. Hershey, PA: IGI Global. • Estevez-Menendez, M., An, H., & Strasser, J. (2014). The Effects of Interactive Multimedia iPad E-Books on Preschoolers' Literacy. In H. An, S. Alon, & D. Fuentes (Eds.), <i>Tablets in K-12 education: Integrated experiences and implications</i>. Hershey, PA: IGI Global. • Fuentes, D., An, H., & Alon, S. (2014). Using Mobile Devices Selectively: A deductive pedagogy for the intentional use of apps to support K-5 literacy development. In H. An, S. Alon, & D. Fuentes (Eds.), <i>Tablets in K-12 education: Integrated experiences and implications</i>. Hershey, PA: IGI Global. • Ames, L., An, H., & Alon, S. (2013). The Incorporation of <i>Geometer's Sketchpad</i> in a high school geometry curriculum. In D. Polly (Ed.), <i>Common Core Mathematics Standards and implementing digital technologies</i> (pp. 102- 109). Hershey, PA: IGI Global.

- **An, H.,** & Wilder, H. (2010). Implementing an online educational technology course in a teacher preparation program: challenges and solutions. In C. Penny, J. Leight, & S. Winterton (Eds.), *Technology leadership in teacher education: Integrated solutions and experiences* (pp. 30-44). Hershey, PA: IGI Global.

Refereed Journal Articles:

- **An, H.,** Morgenlander, M., & Seplocha, H. (2014). Children's gadgets: Smartphones and tablets: Tips for helping children to use technology effectively and safely. *Exchange*, 69-74 (invited)>
- **An, H.,** Wilder, H., & Lim, K. (2011). Preparing elementary preservice teachers from a non-traditional student population to teach with technology. *Computers in the Schools*, 28(2), 170-193.
- **An, H.,** & Shin, S. (2011). The impact of urban district field experiences on four elementary preservice teachers' learning regarding technology integration. *Journal of Technology Integration in the Classroom*, 2(3), 101-107.
- **An, H.,** & Seplocha, H. (2010). Video-sharing websites: Tools for developing pattern languages in children. *Young Children*, 65(5), 20-25. Retrieved from: <http://www.naeyc.org/files/yc/file/201009/AnOnline0910.pdf>
- Wilder, H., Ferris, P., & **An, H.** (2010). Exploring international multicultural field experiences in educational technology. *Multicultural Education & Technology Journal*, 4(1), 30-42. "Highly Commended Award Winner" by the Literati Network Awards for Excellence 2011.
- **An, H.,** & Wilder, H. (2010). A bottom-up approach for implementing electronic portfolios in a teacher education program. *Journal of Digital Learning in Teacher Education*, 26(3), 84-91.
- **An, H.,** Shin, S., & Lim, K. (2009). The effects of different instructor facilitation approaches on students' interactions during asynchronous online discussions. *Computers & Education*, 53(3), 749-760.
- **An, H.,** Kim, S., & Kim, B. (2008). Teacher perspectives on online collaborative learning: Factors perceived as facilitating and impeding successful online group work. *Contemporary Issues in Technology and Teacher Education*, 8(1).
- **An, H.** (2007). Designing an effective interactive web-based coding environment for novice learners. *Innovate*. 4(1). Retrieved from <http://www.innovateonline.info/index.php?view=article&id=412>
- Chandler, T. & **An, H.** (2007). Using digital mapping programs to augment student learning in social studies. *Innovate*. 4(1). Retrieved from <http://www.innovateonline.info/index.php?view=article&id=410>
- **An, H.,** & Kim, S. (2007). The perceived benefits and difficulties of online group work in a teacher education program. *International Journal of Instructional Technology and Distance Learning*, 4(5), 3-19.
- Kaplan D. E. & **An, H.** (2005). Facts, procedures, and visual models in novices' learning of coding skills, *Journal of Computing in Higher Education*, 17(1), 43-70.

Refereed Conference Proceedings/ Presentations:

- **An, H.,** & Hong, C. (Submitted). From Cultural Immersion to Professional Growth: The Short and Long Term Effects of a Study Abroad Program on U. S. Teachers to the Republic of Korea. Submitted to the *Annual Meeting of the American Educational Research Association (AERA)*.

- Hah, Y. & **An, H.** (2017). Supporting the Development of Elementary Students' Creative Writing for Coding in the Scratch Environment. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2017* (pp. 1073-1080). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- **An, H.** (2016). Examination of pedagogical, mathematical and cognitive fidelity for the use of handheld apps in elementary mathematics classrooms, *The 2016 Society for Information Technology and Teacher Education International Conference (SITE)*, March 21-25, 2016, Savannah, Georgia.
- **An, H.,** & Fattal, L. (2016). Teaching a science methods class: Incorporating technologies and the arts for elementary teacher candidates, *2016 NJEDge Conference*, March 23, 2016, Stevens Institute of Technology, Hoboken, NJ.
- **An, H.,** & Hong, C. (2015). Lessons Learned from a Fulbright-Hays Program to South Korea with Teacher Candidates and Teachers. *The 2015 Annual Conference of the National Association of International Educators (NAFSA)*. May 24-29, 2015, Boston, Massachusetts.
- Fuentes, D., **An, H.,** & Alon, S. (2014). Developing constructivist pedagogy to support mobile learning. National Council for the Social Studies (NCSS) College and University Faculty Assembly (CUFA), November 19 - 21, Boston, Massachusetts.
- **An, H.,** Alon, S., & Fuentes, D. (2014). The effects of using iPads in an urban elementary school classroom, *The 2014 Society for Information Technology and Teacher Education International Conference (SITE)*, March 17 - 21, 2014, Jacksonville, Florida.
- Alon, S., & **An, H.** (2013). Teaching with iPads to build mathematics knowledge in a 5th grade classroom. *The 12th Annual Hawaii International Conference on Education*. January 5 - 8, 2014, Hawaii, USA.
- **An, H.,** & Alon, S. (2013). Models for using iPads in a K-12 classroom. *The Sixth International Conference on Ubiquitous Learning*. November 14-15, 2013. Madrid, Spain.
- Alon, S., & **An, H.** (2013). Appropriate usage of iPads in K-12 mathematics classrooms. *The Association of Mathematics Teachers of New Jersey*. October 24, 2013.
- **An, H.,** & Alon, S. (2013). iPad Implementation Models in K-12 School Environments: An Exploratory Case Study, *The 2013 Society for Information Technology and Teacher Education International Conference (SITE)*, March 25-29, 2013, New Orleans, LA, USA.
- Alon, S., & **An, H.** (2013). iPads in mathematics classrooms. *The 2013 International Conference on Technology in Collegiate Mathematics (ICTCM)*. March 21-24, 2013, Boston, Massachusetts.
- **An, H.** (2012). The effects of contrasting models in an online discussion environment. *Global TIME: Global Conference on Technology, Innovation, Media, & Education*. Feb 7-9, 2012.
- Kaplan, R., Wilder, H., **An, H.,** Ranjan, S., Gal, H., & Martinovic, M. (2010). Techniques and outcomes of international collaborations on courses using technology. *Northeastern Educational Research Association (NERA)'s 41st Annual Conference*. October 20-22, 2010, Rocky Hill, Connecticut.
- **An, H.** & Wilder, H. (2010). Preparing elementary preservice teachers from a non-traditional student population to teach with technology. Presented at the *Annual Meeting of the American Educational Research Association (AERA)*. April 30 –May 4, 2010. Denver, Colorado, USA.
- **An, H.** & Wilder, H. (2009). Unveiling the possibility of a bottom-up approach for implementing

electronic portfolios in a teacher preparation program. Presented at the 20th *International Conference of the Society for Information Technology & Teacher Education (SITE)*, March 2 -6, 2009, Charleston, SC.

- **An, H.,** Shin, S., & Lim, K. (2009). The impact of different instructional facilitation approaches on students' interactions and satisfaction in an online course. Presented at the 2009 *AERA (Annual Meeting of the American Educational Research Association)*, April 13 – 17, 2009, San Diego, CA.
- Wilder, H. & **An, H.,** (2009) Creating an online multicultural field experience for technology facilitator candidates. Presented at the 20th *International Conference of the Society for Information Technology & Teacher Education (SITE)*, March 2 -6, 2009, Charleston, SC.
- **An, H.,** Shin, S. & Lim, K. (2008). The impact of different instructional facilitation approaches on students' participation during an online discussion. *The 2008 Society for Information Technology and Teacher Education International Conference (SITE)*, March 3-7, 2008, Las Vegas.
- Chandler, T. & **An, H.** (2008). Real-world problem solving with GIS: Incorporating GIS into the K-12 curriculum for disaster preparedness research. *The 8th Annual ESRI Education User Conference (EdUC)*, August 4-8, 2008, San Diego, USA.
- **An, H.** & Kim, S. (2007). Perceived factors facilitating and impeding successful online group work in a teacher education program. Presented at the 2007 *Annual Meeting of the American Educational Research Association (AERA)*. April 9 - April 13, 2007, Chicago.
- **An, H.** & Kim, S. (2006). The benefits and limitations of online group work in a teacher education program. Presented at the 2006 *Society for Information Technology and Teacher Education International Conference (SITE)*. Orlando, Florida – **“Outstanding Paper Award”**
- **An, H.** (2006). Fostering in-service teachers' beliefs about online collaborative learning. Presented at the 2006 *Society for Information Technology and Teacher Education International Conference (SITE)*. Orlando, Florida.
- Chandler, T. & **An, H.** (2004). Do Geographical Information Systems (GIS) add value to the teaching of social studies? In *Proceedings of the Society for Information Technology and Teacher Education International Conference (SITE)*, Atlanta, Georgia, March 2004 (pp. 4764-4767). Norfolk, VA: AACE.
- **An, H.** & Chandler, T. (2003). Using a multiple representational Web-based learning tool to help learners improve Internet searching skills. In *Proceedings of the International Conference on Computers in Education (ICCE)*, Hong Kong, 2-5 December 2003 (pp. 810-813). Norfolk, VA: AACE.
- Kaplan, D. E. & **An, H.** (2004). Facts, procedures, and models in adult learning of programming. *Poster presented at the 2004 Annual Meeting of the American Educational Research Association (AERA)*. San Diego, California.
- **An, H.** & Kaplan, D. E. (2002). Designs for developing schema for a markup language: effective representations for non-programmers. In *Proceedings of the World Conference on Educational Multimedia and Hypermedia (Ed-Media)*. Honolulu, Hawaii. June 2003 (pp. 2264-2268). Norfolk, VA: AACE.

Professional Development Workshops/Non-Refereed Conference Presentations:

- An, H., & Hong, C. (2017). The benefits and limitations of a short-term study abroad program to prepare teachers in a multicultural society. *Explorations 2017, William Paterson University*, April 3, 2014, August 6, 2017.

- An, H. (2016). Using Robotics to Strengthen Elementary and Middle School Students' Problem Solving Skills and Metacognition in STEAM Education, *The 6th WPU Annual Educational Technology Conference*, William Paterson University. November 18th, 2016.
- An, H. (2016). Using emerging technologies to facilitate science learning for elementary Students. *The New Jersey Future Educators Association NJFEA Conference*. October 25, 2015.
- An, H. (2015). Power up your video based lessons with Zaption!, *The 6th WPU Annual Educational Technology Conference*, William Paterson University. November 20th, 2015.
- An, H. (2014). *Panelist: Emergent Technologies in Teacher Education. The 2014 WPU Research and Scholarship Day*, William Paterson University, April 3, 2014.
- An, H. (2013). Using iPads as teaching tools with digital natives in an elementary classroom. *The New Jersey Future Educators Association NJFEA Conference*. October 25, 2013.
- An, H. (2013). Panelist: Learning about Korea with Google Earth. Panel on Korean Wave (Hallyu). *The 2013 WPU Research and Scholarship Day*, William Paterson University, April 4, 2013.
- An, H. (2013). Introduction to iPads. *The 3rd WPU Annual Educational Technology Conference, William Paterson University (repeat)*, March 1, 2013.
- Guvercin, H., & An, H. (2012). Using iPads with English Language Learners (ELLs). *The 3rd WPU Annual Educational Technology Conference, William Paterson University*, November 30, 2012.
- An, H. (2012). Panelist: Using *Google Earth* to teach Korean culture. Panel on Curriculum Development: Diversifying Lesson Plans, *Teaching Asia Conference*. William Paterson University, April 13th, 2012.
- Alon, S., & An, H. (2012). An examination of the ways in which NJ K-12 schools use iPads. *The 2012 WPU Research and Scholarship Day*, William Paterson University, April 5, 2012.
- An, H. (2011). Making classes click with students: Using Student Response Systems (aka "Clickers"). *The 2nd WPU Annual Educational Technology Conference, William Paterson University*. December 11, 2011.
- An, H. (2011). Technology and creativity workshop for a South Korean delegation of educators. Teachers College, Columbia University, April 27, 2011.
- An, H. (2010). Educational technology integration and sharing educational technology resources for visiting Israeli teachers and principals. William Paterson University. December 20, 2010.
- An, H. (2010). Using *Google Earth* for educative purposes. *WPU 1st Annual Educational Technology Conference*, William Paterson University, December 10, 2010.
- An, H. (2010). Technological Pedagogical Content Knowledge (TPACK). *The 1st WPU Annual Educational Technology Conference*, William Paterson University, December 10, 2010.
- An, H. (2010). Online technology professional development workshops (6 modules). *REFORMS Grant*, Spring, 2010.
- An, H. (2010). The impact of four teacher candidates' urban school field experiences on technology integration practices. *The 2010 WPU Research and Scholarship Day*, William Paterson University, April 1st, 2010.
- Wilder, H., An, H., & Boer, P. (2009). Panel Discussion: Discussion on ways to internationalize

teacher education programs using technology, *International Education Week 2009*, Teachers College, Columbia University. November 16-20, 2009.

- An, H. (2009). Technology workshop for Paterson school teachers. *REFORMS Grant*, William Paterson University, August 21, 2009.
- An, H. & Wilder, H. (2009). Implementing an online educational technology course in a teacher education program: Challenges and Solutions. *The 2009 Research and Scholarship Day*, William Paterson University, April 2nd, 2009.
- An, H. (2009). *Integrating Google Earth into the Social Studies classroom*. Elmwood Park Memorial High School, NJ. January 28, 2009.
- An, H. (2008). Teaching East Asia through Action, by using Google Earth, *Conference: Teaching Asia through Action, Art and Activism in Society*, William Paterson University, April 10th, 2008.
- An, H., Shin, S., & Lim, K. (2008). The Impact of Different Instructional Facilitation Approaches on Students' Interaction and Sense of Community in an Asynchronous Online Discussion Board. *The 2008 Research and Scholarship Day*, William Paterson University, April 3rd, 2008.
- An, H. & Leathers, S. (2007). Literacy, Technology, and Instruction. *The 27th Annual Bilingual/ESL Conference*, William Paterson University. December, 2007.
- An, H. (2007). Technology workshops for Paterson school teachers. *REFORMS Grant*, William Paterson University, November, 2007.
- An, H. & Leathers, S. (2006). Technology and Language Literacy (All Ages). *The 26th Annual Bilingual/ESL Conference*, William Paterson University. December 8, 2006.

Grant activities:

- NSF- The Discovery Research PreK-12 program (DRK-12) Grant: *Gamifying the Elementary Physical Science Curriculum in Urban STEAM Classrooms, Not funded*
- Project Director for the Fulbright-Hays Group Projects Abroad Grant: *"The US-NJ-South Korea Project at William Paterson University: Exploring Korea's History, Culture, and Education System through Experiential Learning"* (\$85,000.00), funded by the U.S. Department of Education (October, 2013- March, 2015) - *Funded*
- Technology-Integration Mini-Grant (\$ 1,000), by Technology across the Curriculum, William Paterson University, Project: *The WPU Ed-Tech Portal* (June, 2006) - *Funded*

Additional Professional Activities:

- Panel reviewer for the National Science Foundation (NSF): STEM + Computing Partnerships (STEM+C) program (Summer, 2017)
- Serving on the doctoral student's dissertation committee, as a reader, for the *Doctor of Nursing Practice (DNP) Program*, William Paterson University (Spring, 2016 – present)
- Grant reviewer for the *Minority Science and Engineering Improvement program (MSEPIP)*, U.S. Department of Education grant (Summer, 2015).
- Selected to attend the 2015 Summer Research Training Institute on Cluster-Randomized Trials

(7/20-7/30, 2015), ESS granted program, at Northwestern University.

- Book Talk for “*Tablets in K-12 Education: Integrated Experiences and Implications*” at Teachers College, Columbia University (November 13, 2014).
- Serving on a doctoral student’s dissertation committee, as a reader, for the Doctor of Nursing Practice Program, William Paterson University (Spring 2014 – Spring 2015)

Scholarly Activities with Professional Organizations:

- Journal Review Board:
 - 2013- present: *The Contemporary Issues in Technology and Teacher Education (CITE) Journal*.
 - 2009- present: *Computers & Education*
 - 2011- present: *International Journal of Computer-Supported Collaborative Learning*
 - 2011 - 2013: *MERLOT Journal of Online Learning and Teaching*
 - 2009: *Journal of Education, Informatics and Cybernetics (JEIC)*
 - 2007 – 2008: *Electronic Journal for the Integration of Technology in Education*
 - 2004 - 2006: *Current Issues in Education (CIE)*
- Editorial Advisory Board for the edited book of *Common Core Mathematics Standards and Implementing Digital Technologies* (2012-2013).
- Program Committee:
 - SITE (2009 - present): Society for Information Technology & Teacher Education.
 - E-Learn (2006 - 2008): World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education.
 - CSEDU (2009): International Conference on Computer Supported Education.
 - I-TCE (2008): International Conference on Technology, Communication and Education.
- Reviewer of conference proposals:
 - 2014 International Conference of the Learning Sciences (ICLS)
 - American Educational Research Association (AERA):
 - Division C-Learning and Instruction - Section 7: Technology Research (for 2009 conference).
 - SIG: Advanced Technologies for Learning (for 2009 conference).
 - SIG-Technology, Instruction, Cognition & Learning (for 2009 conference)
 - SIG: Technology as an Agent of Change in Teaching and Learning (for 2009 conference).
 - SIG: Instructional Technology (for 2002 – 2009 conferences).
 - E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education (for 2006 – 2009 conferences).
 - EISTA 2008 - 2009: International Conference on Education and Information Systems, Technologies and Applications.
 - I-TCE 2008: The International Conference on Technology, Communication and Education.
- Co-editor:
 - *The Northeastern Educational Research Association (NERA) Researcher* –NERA Newsletter (2006 – Jan, 2008).

	<ul style="list-style-type: none"> • Communications Officer: AERA SIG-Instructional Technology (2005- 2006).
Work Experience	<ul style="list-style-type: none"> • 9/2005 - present, William Paterson University, Wayne, NJ. <ul style="list-style-type: none"> Professor (Fall, 2015- present). Associate Professor (Fall, 2010- Spring 2015) Assistant Professor (Fall, 2005- Summer, 2010) Director for the M.Ed. in Curriculum and Learning program (Spring 2012 - present). Co-Director for the M.Ed. in Curriculum and Learning program (Fall, 2010 - Fall, 2011). Interim Coordinator (06-07): Learning Technologies concentration in the M. Ed. Curriculum and Learning Program CIEE2130 & CIEE 5160 Course Coordinator (Fall 07 - present) Advisor for the Initial Certification K-6 & K-6/5-8 (Fall, 05 – present) Courses taught: <ul style="list-style-type: none"> - CIEE 2130: <i>Teaching in a Technological World</i> - CIEE 5160: <i>Integrating Technology into the Curriculum</i> - CIEE 3260: <i>Science Methods / Assessment for Teaching K-6</i> - ELCL 6050: <i>Educational Technology Foundations</i> - ELCL 6060: <i>Emerging Technologies for Teaching Mathematics (Newly designed class, starting from for Spring 2016</i> - ELCL 6110: <i>Designing Technology-Mediated Instruction</i> - ELCL 6120: <i>Technology-Based Assessment & Evaluation</i> - ELCL 6290: <i>Research in Education I</i> - ELCL 6300: <i>Research in Education II</i> - SPC 3130: <i>Adaptive and Assistive Technologies in the Inclusive Classroom.</i> - ECSP 3130: <i>Adaptive and Assistive Technologies in Early Childhood Education</i> • 10/2004 - 8/2005, Grand Canyon University of Phoenix, Phoenix, AZ. <ul style="list-style-type: none"> Adjunct, College of Education, Instructional Technology. ((M. Ed. program): • 9/2003 - 7/2005, Stony Brook University, Stony Brook, NY. <ul style="list-style-type: none"> Adjunct, The School of Professional Development <ul style="list-style-type: none"> - Developed the syllabus and all course materials for the online learning environment. - Developed a survey in order to conduct research pertaining to the online assessment. - Taught educational technology courses for in-service teachers. • 10/2001 - 7/2002, Teachers College, Columbia University, New York, NY. <ul style="list-style-type: none"> Evaluator & Graduate Research Assistant for the Kumon Evaluation Project under the supervision of Professor Madhabi Chatterji. <p><u>Reports:</u></p> <ul style="list-style-type: none"> • A Formative Evaluation Report of the Kumon supplemental instructional program at P. S. 180 in NYC was submitted to Kumon North America, Inc. (5/2002).

	<ul style="list-style-type: none"> • A Summative Evaluation Report of the Kumon supplemental instructional program at P. S. 180 in NYC was submitted to Kumon North America, Inc. (9/2002). • 9/2000 - 8/2003, Technical Career Institutes, College of Technology, New York, NY. Full-Time Instructor, Program of Digital Media Arts and Technology (DMA) • 2000, WebIllustrated.com and SL New Media Inc., New York, NY.. Web Programmer / Designer • 8/1998 - 12/1999, Distance Learning Project, Teachers College, Columbia University, New York, NY. Digital Media Arts Curriculum Designer & Web Designer / Webmaster • 8/1998 – 8/1999, Academic Computing Service at Teachers College, Columbia University, New York, NY. Technology Consultant <ul style="list-style-type: none"> - Consulted students and faculty on the use of various computer software applications. - Developed face-to-face and online learning materials for faculty. • 1/1997-1/1998, Korea Telecom, Seoul, Korea. Research Associate in the Korea Telecom Satellite Group. <ul style="list-style-type: none"> - Researched and produced a report regarding the use of educational satellites in South Korea, Japan, and Europe. - Researched and designed a brochure pertaining to the <i>KoreaSat</i> satellite. - Planned, designed and developed the website for the Korea Telecom Satellite Group. • 5/1996 – 12/1996, Ako Technology, Inc. Fort Lee, NJ. Technology Consultant • 12/1992 - 5/1994, Dong-A Pharmaceutical Co. LTD, Seoul, Korea. Lab Analyst in the Enzyme and AIDS Divisions, R & D.
Service	<p>To the Department:</p> <ul style="list-style-type: none"> • Retention and Tenure Committee (Fall, 2010- present) • Faculty Search Committee (Spring 2010; Spring 11- Chair; Fall 11- Chair). • Department Webmaster (2005 - 2010) • Curriculum Committee (2005- 2006; 2007 - 2010) • Early Childhood Education Faculty Search Committee (2007 - 2008) • Department Secretary (2006 – 2008) • Writing Assessment Committee (2005- Summer, 2007) • Other Department Services: <ul style="list-style-type: none"> ○ Observed adjunct instructors every semester since September, 2005. ○ Participated in the Fall, Winter, and Spring undergraduate Open Houses, by meeting with prospective students and their families at the academic fair table, on November 16, February 24 and April 19, 2009. ○ Attended the transfer student orientation, held on August 20, 2009. ○ Attended the advisement event on March 24, 2009. ○ Attended to the Winter Open House for undergraduate students held on Feb. 24th, 2008 as a department representative. ○ Attended the transfer students' orientation held on August 21, 2008 and proctored a writing assessment for transfer students. ○ Marshal for undergraduate commencement on 5/20/2008. ○ Undergraduate Open House (11/12/06)

To the College:

- Co-Chair, NJ Makers Day (Fall 2016 – Spring 2017)
- CCDT curriculum design team (Spring, 2015- Spring 2017)
- Chair/ Co-chair, The WPU Annual Educational Technology Conference (2010 - present)
- Chair, COE Assessment Committee (2006 – 2011, 2013 – Fall, 2015)
- M.Ed. in Education Coordinators' Committee (2006 – 2007)
- Coordinator & Developer, NCATE Electronic Exhibits Room (Summer 2010 - Spring 2012): <http://www.wpunj.edu/coe/ncate>
- NCATE/Assessment Technology Advisory (Spring 09 – Spring 2012)
- Chair, COE Technology Committee (Spring, 2007 – Spring, 2010), Member (Fall, 2010 - Fall 2012)
- Conceptual Framework Committee (2007 – 2010)
- COE Curriculum Committee (2009 - 2010)
- COE Portfolio Committee (2007 – 2009)
- Other College Services:
 - Marshal for undergraduate commencement on 2008, & 2009;
 - Carried the banner for the College of Education at the Convocation for first-year students and faculty on September 6, 2007.
 - Carried the William Paterson University college banner at the Fall, 2007 Convocation for First-Year Students and Faculty
 - Carried the banner for the College of Education at the Convocation for first-year students and faculty on September 6, 2007.
 - Marshal at the undergraduate commencement (1/2006).
 - Carried the William Paterson University college banner at the Fall, 2005 Convocation for First-Year Students and Faculty.

To the University:

- University Promotion Committee (Fall 2016 – Spring 2017)
- Associate Provost Search Committee (Fall 2016 – Spring 2017)
- Digital Measures Working Group (Fall 2016 – Spring 2017)
- Senate Council- Graduate Program Policy (Fall 2014 – present)
- Senate Ad hoc committee for administrator evaluations (Fall 2012- Spring 2014)
- Strategic Plan Implementation Team I - E (Fall 2012- Spring 2014)
- UCC - Technology Intensive Review Panel (2010 - present)
- 2012-2013, 2016-2017, University Promotion Committee (UPC)
- 2013 CCAF Steering Committee
- ART Committee (2010 - 2011, 2011- 2012)
- Faculty Senate Assessment Council (Fall, 2010 - Spring 2012)
- Co-advisor for WPU SGA club (*The Korea Club*) (Fall 2011- Spring 2012)
- Co-Chair (2007-2008, 2009 - 2010), Faculty Senate Research Council (2006 - 2010)
- IT Advisory Committee (2007-2008; 2008 - 2010)
- Library Advisory Committee (2007 – 2010)
- Co-Coordinator for the “Social Software in Higher Education” forum
- Learning Spaces Committee (2007 – 2009)
- Technology Across the Curriculum (TAC) (2005 - 2009)
- Asian Cultural Festival– Korea Table committee (2006, Fall)

To the Community:

- Serving on the Advisory Board for *the Christ the Teacher School* (an elementary and middle school) (Fall, 2015 – present), Fort Lee, NJ.
- Currently, initiating a creating an educational robotics club.

	<ul style="list-style-type: none"> • Volunteer as the translator of a newsletter from English into Korean, so that important messages can reach all attending families, for the Christ the Teacher School, Fort Lee, NJ. • Developed a web page for the Korean Language Learning Tools project (with Dr. Keumsil Kim-Yoon in the Department of Languages and Cultures) that currently resides on the Department of Languages and Cultures' website (Summer, 2008) • Web developer and designer for the First Nursery School, NJ (Summer, 2008 – Fall, 2008). • Web developer for the Korean Family Service Center, affiliated with the Asian Women's Christian Association (Summer, 2007).
Awards	<ul style="list-style-type: none"> • Program Director, Fulbright-Hays Group Projects Abroad Grant: "<i>The US-NJ-South Korea Project at William Paterson University: Exploring Korea's History, Culture, and Education System through Experiential Learning</i>" (\$85,000.00) <ul style="list-style-type: none"> - Program website: http://www.wpunj.edu/coe/2014fulbright-hays/ - Final Deliverable: http://nova.wpunj.edu/anh2/fulbright-hays-korea/ • Highly Commended Award Winner by the Literati Network Awards for Excellence 2011, for the paper of "Exploring international multicultural field experiences in educational technology" published in <i>Multicultural Education & Technology Journal</i>. • Outstanding Paper Award, for a paper entitled "The benefits and limitations of online group work in a teacher education program" at the International Conference of the Society for Information Technology & Teacher Education (SITE), 2006. • Technology-Integration Mini-Grant, William Paterson University (Spring, 2006). • Recipient of the Teachers College Scholarship (Spring, 2001 & Autumn 2000) • Ewha Scholarship for Academic Excellence (Spring, 1990 & Autumn, 1990).
Professional Affiliations	<ul style="list-style-type: none"> • American Educational Research Association (AERA) • International Society for Technology in Education (ISTE) • Association for the Advancement of Computing in Education (AACE) • National Science Teachers Association (NSTA)
Technical Skills	<ul style="list-style-type: none"> • A variety of K-12 educational, productivity, design, animation, desktop software programs. • SPSS, SAS, HLM, and Nud*ist Vivo. • ActionScript, Lingo, HTML, CSS, JavaScript, XML, Pascal, Visual Basic and PHP. • Working knowledge of Java, C, C#, and LISP.