

Jungsun Kim

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Education

- 2019 **Ph. D. Purdue University, West Lafayette, IN**
Educational Psychology: Gifted, Creative, and Talented Education
Focused Areas: Instructional design, talent development in STEM, and
Research Methods
Advisor: Dr. Marcia Gentry
- 2011 **M.A., The State University of New York at Albany**
Educational Psychology
Advisor: Joan Newman

Professional Development

- 2019-Present **Post-doctoral Research Scientist**
Indiana University Bloomington
- Key personnel in two NSF-funded projects:
 - Engineering a Community-Family Partnership [Grant No. 1759259]
 - Role Model in Engineering Education [Grant No. 1657519]
 - Co-PI in Tilaar Grant Research project: Empowering Women in Families of North Korean defectors and Southeast-Asian Brides
 - Co-PI in the Academy of Korean Studies Research Project: Multicultural Competency and Personal Values among Undergraduate STEM Students between Korea and U.S.
- 2020 **Big Data Analyst**
Korea Institute for Education and Test
- 2019 **Post-doctoral Research Associate**
The office of Civic Engagement and Leadership Development, Purdue University
- Developing methods of research, collecting and analyzing data, and writing reports
 - Developing application of grants and publication in journals
- 2018 - 2019 **Instructor, PSY 12000 Elementary Psychology**
Purdue University
- Planned and taught an introductory psychology course about theories of development
 - Integrated multimedia and instructional technology into teaching the theories and their research applications in online and offline classrooms

Teaching Assistant, PSY 23500 Child Development

Purdue University

- Assisted students in review sessions outside of class time
- Assisted the professor with grading (e.g., homework, quizzes)

2013 - 2017

Instructor, EDPS 30000 Foundations of Leadership (Interdisciplinary Educational Psychology Program)

Purdue University

- Developed course curriculum, handouts, lectures, and presentations for online and offline classrooms
- Structured the course to be discussion-focused, based on current education models and theory

Advisor, Student Leadership Team of the Emily Mauzy Vogel Sophomore Leadership Development Program (EMV)

Purdue University

- Helped student leaders create realistic and meaningful programs that are consistent with the Purdue's civic engagement mission and student learning outcomes
- Led workshops to foster teamwork within the leadership team and serve as a liaison between the university and the leadership team
- Provided individual discussion sessions to encourage personal growth, service-mindedness and social involvement in the student leaders
- Maintained an up-to-date Advising Portfolio, with a summary of students' performances

2011- 2017

Coordinator, EMV Sophomore Leadership Development Program

Purdue University

- Coordinated a nomination-based leadership program for outstanding students
- Oversaw logistics and planned program-related events and seminars
- Documented all program planning, policies, procedure, practices, and logistics to ensure quality control and sustainability
- Conducted studies of and analyzed student learning outcomes
- Worked closely with faculty, donors and support staff to promote student engagement
- Supervised the student workers, student leaders, and interns
- Partnered with several of Purdue's Multicultural Centers to encourage and inspire students in diverse communities

Coordinator, Women in Leadership Conference

Purdue University

- Oversaw the development and execution of the conference's educational programming and curriculum content
- Led a five-hour training to prepare the 10 facilitators for this one-day program for outstanding female student leaders

Coordinator, Emerging Leaders Program

Purdue University

- Developed and managed interdisciplinary curriculum for this program for nominated first year students

- Led workshops and lectures

- 2010 - 2011 **Coordinator, Super Summer by Gifted Education Resource Institute (GERI)**
Purdue University
- Assisted the coordinator by organizing student records and completing special projects for the student enrichment camp
 - Updated parents on students' progress on a daily basis and counseled students who were in danger of failing
 - Supervised student teachers and volunteers
 - Entered and maintained attendance data and student survey data
- 2010 **Instructor, GERI Super Saturday Program by Gifted Education Resource Institute (GERI)**
Purdue University
- Taught a science session for gifted and talented students
 - Developed curriculum and managed materials
- 2006-2008 **President, Hey-On-Wye To Read (H.O.W. To Read) Association**
Seoul, Republic of Korea
- Developed a 2-year interdisciplinary curriculum focused on English for students in grade K-5
 - Implemented and led in-service trainings for teachers and instructors
 - Worked with school administrators and developed marketing strategies
- 2003-2005 **Head Instructor, The Changp'a Institute**
Seoul, Republic of Korea
- Developed curriculum, coordinated teacher trainings and led round tables with parents
- 1999-2002 **Instructor, Sehwa Institute**
SungNam City, Republic of Korea
- Taught language arts and English classes for gifted and talented students in grades 6-12 and mentored new students
- 1997-1998 **Instructor, The Community School**
Seoul, Republic of Korea
Taught language arts and English classes for students in grades 6-12

Awards & Grant

- 2022 Korean Studies Grant. \$21,000. The Academy of Korean Studies.
- WIED Denis Denton Best Paper, American Society for Engineering Education.
- WIED Best Diversity Paper, American Society for Engineering Education.

- 2021 Tilaar Research Grant for faculty development. \$9,000. Indiana University-Bloomington.
- 2020 The Center for Intercultural Learning, Mentorship, Assessment and Research Grant. \$2,000. Purdue University
- 2020 ASEE Best Paper Award – Pre-College Engineering Education Division.
- 2017 Bilsland Dissertation Fellowship, College of Education, Purdue University
- 2017 Feldhusen Doctoral Fellowship, Gifted, Creative, & Talented Studies, Purdue University
- Second-Place in In-Progress Research at the Doctoral Level. Graduate Student Research Gala (2017) at the 64th Annual Convention of the National Association for Gifted Children, Charlotte, NC
- 2007 The Best Class Award, The National Library Education Committee, Seoul, Republic of Korea
- 2006 Outstanding Performance Award, the Center for Women’s Career Development, Seoul, Republic of Korea
- 2007 Instructor of the Year, The Changp’a Institute, SungNam City, Republic of Korea
- 1994 Honors Scholarship, Hansung University, Seoul, Republic of Korea

Publications

Refereed Journal Articles

- Knox, P., Paul, K., Kim, J., Yang, J., Sawsan, W., Simpson, A., & Maltese, A. (2022, Accepted). *Parental perspectives: Examining caregiver experiences and perceptions of growth and learning within an out-of-school elementary engineering program*. 2022 ASEE Annual Conference & Exposition. Minneapolis, MN.
- Paul, K., Kim, J., Diekman, A., Godwin, A., Katz, A., & Maltese, A. (2022, Accepted). *Collateral damage: investigating the impacts of COVID on STEM professionals with caregiving responsibilities*. In 2022 ASEE Annual Conference & Exposition. Minneapolis, MN.
- Simpson, A., Kim, J., & Yang, J. (2022, Accepted). *Caregiver-child communication of STEM concepts with engineering design tasks*. 2022 ASEE Annual Conference & Exposition. Minneapolis, MN.
- Kim, J., & Kim, S. H. (2021). *Motives, conflicts and mediation in home engineering design challenges as family pedagogical practices*. In 2021 ASEE Annual Conference & Exposition. Long Beach, CA.
- Kim, J., & Simpson, A. (2021). *STEM moments in the family context throughout engineering design challenge activities*. In 2021 ASEE Annual Conference & Exposition. Long Beach, CA.

- Kim, S. H., & Kim, J. (2021). *Caregivers' role-taking during the use of discussion prompts in at-home engineering kits*. In 2021 International Society of the Learning Sciences annual meeting. Bochum, Germany.
- Simpson, A., Kim, J., & Yang, J. (2021). *Caregiver-child interactions: Informal ways of doing mathematics during engineering tasks*. Proceedings of the 43rd Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education. Philadelphia, PA: PME-NA.
- Kim, J., Park, S. H., Kim, M., Kim, Y. S., & Kim, J. (2021). A Qualitative Investigation of Leisure Engagement and Health Benefits Among North Korean Adolescent Refugees. *Journal of Adolescent Research*, 074355842111046260.
- Kim, J. (2014) Theme-based “Make A Difference Day” and its impacts: Did the “Make A Difference Day” make actual differences? *Purdue Journal of Service-Learning and International Engagement*. 1(1), 7-11.

Under Review

- Kim, J., Simpson, A., & Yang, J. The nature of STEM moments at home environment.
- Kim, J., Paul, K., & Maltese, A. Roles of self-perceptions and recognition by others in STEM identity among elementary students.
- Kim, J., & Gentry, M. Talent development process between achieving and underachieving students.
- Kim, J., & Kim, H. Are you ready to work with different cultures? A comparative study about multicultural competencies and personal values in STEM major undergraduate students between U.S. and South Korea.
- Miel, K., Swanson, R., Moison, E., Paul, K., & Kim, J. Characterizing engineering outreach educators' talk moves: An exploratory framework.

Book Chapter

- McConnel-Farmer, J. (2021). World of children: perceptions and connections in sustainability with reflections during the pandemic (Eds.), *Making with children in three different cultures: China, South Korea, and the U.S.A.* (pp. 252-274). Yang, J., Tu, X., Kim, J. & Maltese, A.
- Kim, J. (2017). Current issues and trends in gifted and talented education in United States. In Kim, H. (Ed.), *Alternative Paths to Public Education: Current Paradigm of the Public Education System in the United States*. Seoul: Han -Un.

Curriculum

- Kim, J. (2011). 2011 GERI Super Summer Program Curriculum “*DinoSystems*”. Unpublished curriculum. West Lafayette, IN: Purdue University
- Kim, J., & Lee, S. (2011). 2011 GERI Super Summer Program Curriculum “*The World Wide: Passport to Discovery*”. Unpublished curriculum. West Lafayette, IN: Purdue University
- Kim, J., Wu, J., & Jen, E.Y. (2011). 2011 GERI Super Summer Program Curriculum “*Nature's Puzzle*”. Unpublished curriculum. West Lafayette, IN: Purdue University.
- Kim, J., Jen, E. Y., & Wu, J. (2011). 2011 GERI Super Summer Program Curriculum “*Discovery through History*”. Unpublished curriculum. West Lafayette, IN: Purdue University.

Presentations

National and International Presentations

- Kim, J., & Kim, H. (2022, January). *Influential factors in multicultural personality and social distance among undergraduate students in STEM disciplines*. Paper will be presented at the Virtual Intercultural Competence Conference.
- Kim, J., & Simpson, A. (2021, June). *STEM moments in the family context throughout engineering design challenge activities*. Paper presented at the annual American Society for Engineering Education conference: Long Beach, CA.
- Kim, J., & Kim, S. H. (2021, June). *Motives, conflicts and mediation in home engineering design challenges as family pedagogical practices*. Paper presented at the annual American Society for Engineering Education conference: Long Beach, CA.
- Kim, J., & Kim, S. H. (2021, August). *Motives, conflicts and mediation in home engineering design challenges as family pedagogical practices*. Selected for the presidential poster session at the American Psychological Association 2021 Virtual Convention.
- Kim, S. H., & Kim, J. (2021, June). *Caregivers' role-taking during the use of discussion prompts in at-home engineering kits*. Paper to be presented at the International Society of the Learning Sciences annual meeting: Bochum, Germany.
- Simpson, A., Maltese, A., Yang, J., Kim, J., Knox, P., D'Souza, N. F., & Kim, S. H. (2021, June). *Insights from engineering a community-family partnership project*. Poster to be presented at the annual American Society for Engineering Education conference: Long Beach, CA.
- Kim, J. (2020, August). *Developing Engineering Identity*. Paper presented at the American Psychological Association Virtual Convention.
- Kim, J. (2019, August). *Perceptions and Experiences of Talent Development of Honors Students*. Paper presented at the American Psychological Association Convention. Chicago, IL.
- Kim, J. (2017, November). *Academic Talent Development Process of Achieving & Underachieving Honors College Students*. Poster presented at the 64th Annual Convention of the National Association for Gifted Children. Charlotte, NC.
- Kim, J. & Gruver, M. (2016, November). *Phenomenological Study of Sophomore Year Experience with Student Leadership Development Program*. Workshop presented at the 18th Annual Global Conference: The Dynamics of Inclusive Leadership, International Leadership Association. Atlanta, GA.
- Kim, J. (2015, November). *Effective Praise for Academically Talented Students*. Poster presented at the 62nd Annual Convention of the National Association for Gifted Children. Phoenix, AZ.
- Kim, J. (2014, November). *Underserved and Underrepresented Gifted Students in Empirical Studies between 1994 and 2013*. Poster presented at the Annual Convention of the National Association for Gifted Children. Baltimore, MD.

Kim, J., & Kim, S. (2013, November). *Factors of Underachievement among Gifted Students: Review and Synthesis*. Poster presented at the Annual Convention of the National Association for Gifted Children. Indianapolis, IN.

McIntosh, J., Pearce, J., & Kim, J. (2013, April). *Designing, piloting, and evaluating concept-based curriculum for high ability elementary students*. Paper presented at the Annual Meeting of the American Educational Research Association. San Francisco, CA.

Kim, J. (2012, November). *Lead-Your-Ship to the Diverse World: Cultural Openness and Leadership of Domestic and International High- Ability Students to Navigate for Success in Multicultural Settings*. Poster presented at the Annual Convention of the National Association for Gifted Children. Denver, CO.

Kim, J. (2011, November). *Paradoxical Effects of Praise, Criticism, and No-Feedback*. Poster presented at the Annual Convention of the National Association for Gifted Children. New Orleans, LA.

Kim, J. (2011, November). *An International Perspective on What We Know about New Technology Integration with Differentiated Instruction*. Poster presented at the Annual Convention of the National Association for Gifted Children. New Orleans, LA.

Invited Talk and Selected Presentation

Kim, J. (2022, March). *Science conversation 1: STEM small talk in your car, in your home*. Korean Adoptees Ministry Center. Minneapolis, MN.

Kim, J. (2022, March). *Winding Path of Research*. Office of Diversity, Equity, and Inclusion Professional Development Series. Indiana University Bloomington, IN.

Kim, J., & Kim, S. H. (2021, August). *Motives, conflicts and mediation in home engineering design challenges as family pedagogical practices*. Selected for the presidential poster session at the American Psychological Association 2021 Virtual Convention.

Local, Regional, and State Presentations

Kim, J. (2014, March). *Values, Skills, and Outcomes in Mission Statements of Leadership Development Programs of University/College Students: A Mixed Methods Content Analysis*. Poster presented at the 8th Annual Graduate Student Educational Research Symposium. West Lafayette, IN.

Kim, J. (2012, March). *Lead-Your-Ship to the Diverse World: Cultural Openness and Leadership of Domestic and International High- Ability Students to Navigate for Success in Multicultural Settings*. Poster presented at the 6th Annual Graduate Student Educational Research Symposium. West Lafayette, IN

Kim, J. (2011, March). *Paradoxical Effects of Praise, Criticism, and No-Feedback*. Poster presented at the 5th Annual Graduate Student Educational Research Symposium. West Lafayette, IN

Service

- 2014 - 2019
 - Betty Nelson Leadership Development Awards Committee, Purdue University
 - Parents and Family Newsletter Editorial Board, Department of Student Life, Purdue University
 - Principal, Purdue Korean School
- 2012
 - Member, NAGC Research and Evaluation Graduate Student Committee
 - Member, Assistant Dean of Students Search Committee, Purdue University
 - President, College of Education Korean Graduate Student Council, Purdue University
- 1996
 - Vice-President, National Hang Gliding and Paragliding Association of University Students, Korea.