Hyemin Han
Graduate School of Education
Stanford University
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ACADEMIC APPOINTMENTS

University of Alabama, College of Education, Department of Educational Studies in Psychology, Research Methodology, and Counseling, Tuscaloosa, AL
Assistant Professor, August 2016—

EDUCATION

Stanford University, Stanford, CA
PhD in Education, Developmental and Psychological Sciences, expected June 2016
Dissertation Title: *Neuroscientific and Social Psychological Investigation on Psychological Effects of Stories of Moral Exemplars*
Advisors: William Damon, Gary H. Glover (co-advisor), Geoffrey Cohen (committee member)

Korea Advanced Institute of Science and Technology, Daejeon, Korea
MS in Science, Technology and Society Program, August 2007
Thesis Title: *Effects of STS Education on Epistemological Belief and Moral Judgement of College Students Majoring in Science and Engineering: Korean Case.*
Advisors: Jeong-Ro Yoon, Sung-Ho Kim (co-advisor)

Seoul National University, Seoul, Korea
BA in Ethics Education, **BS** in Astronomy, February 2005
Minor in Computer Science and Engineering

RESEARCH INTERESTS

- Examining core psychological mechanisms of moral emotion and moral motivation using psychological experimental methods, including functional neuroimaging and social psychological intervention experiments.
- Designing effective moral and character educational methods utilizing moral stories through lab-level and school-level social psychological experiments.
- Investigating diverse developmental trajectories of moral purpose and civic engagement among adolescents and young adults using hierarchical linear modeling, path analysis and cluster analysis methods.

RESEARCH EXPERIENCE

San Francisco Unified School District and Stanford University
Research Assistant, October 2015—present
    Research Supervisor: Norma Ming (SFUSD)
    Evaluation and Improvement of Social Emotional Learning Programs in Urban Schools

National Taichung University of Education, Department of Education, Taichung, Taiwan
Visiting Scholar, June 2015—August 2015
    Academic Host: Yen-Hsin Chen
    Psychological Interventions using Stories of Moral Exemplars in Classrooms: By Considering Moral Education Curriculum in South Korea and Taiwan

Stanford University, Graduate School of Education, Stanford, CA
Research Assistant, October 2014—June 2015
  Principal Investigator: Claude Goldenberg
  Reclassifying and Not Reclassifying English Learners as Fluent English Proficient: Access and Achievement
  Significance (Quantitative Analysis of Longitudinal Survey Data Collected from LAUSD and SFUSD)
Research Assistant, Center on Adolescence, September 2011—present
  Principal Investigators: William Damon and Anne Colby
  The Development of Civic Purpose among Diverse Populations of American Youth (Youth Civic
  Development Project); Young Entrepreneurs Study; The Role of Truth, Humility, and Faith in Moral
  Formation: A Developmental Analysis of Exemplary 20th Century Lives (Moral Formation Project)

Seoul National University, Department of Ethics Education, Seoul, Korea
Researcher, October 2010—August 2011
  Principal Investigator: Changwoo Jeong

TEACHING EXPERIENCE

Stanford University, Stanford, CA
Teaching Assistant, January 2015—June 2015
  - Career and Personal Counseling (EDUC 134/EDUC 234/PSYCH 192), Spring 2015 (PI: John Krumboltz)
  - Introduction to Counseling (EDUC 130/PSYCH 148), Winter 2015 (PI: John Krumboltz)

Chungshin Girls' High School, Seoul, Korea
Teacher and Program Organizer, March 2011—August 2011
  - Moral Education and Ethics, Student Mentoring Program

Gyeonggi Science High School for the Gifted, Suwon, Korea
Teacher, February 2011—August 2011
  - Ethics for Scientists

Namu Academy, Seoul, Korea
Online College-level Course Instructor, December 2010—May 2011
  - Department of Early Childhood Education, Research Method, and Evaluation for Early Childhood Education

Miyang High School, Seoul, Korea
Teacher, October 2010
  - Moral Education

Daein High School, Incheon, Korea
Teacher, March 2007—August 2007
  - Moral Education and Logic Education

PUBLICATIONS

First Author

Han, H. (2016). How can Neuroscience contribute to Moral Philosophy, Psychology and Education based on Aristotelian Virtue Ethics?. *International Journal of Ethics Education.* doi: 10.1007/s40889-016-0016-9

Han, H., Chen, J., Jeong, C., & Glover, G. H. (2016). Influence of the Cortical Midline Structures on Moral Emotion and Motivation in Moral Decision-Making. *Behavioural Brain Research, 302,* 237-251.

Han, H. (2015). Purpose as a Moral Virtue for Flourishing, *Journal of Moral Education*, *44*(3), 291-309.

Han, H. (2015). Virtue Ethics, Positive Psychology, and a New Model of Science and Engineering Ethics Education. *Science and Engineering Ethics, 21*(2), 441-460.

Han, H. (2014). Analyzing Theoretical Frameworks of Moral Education through Lakatos's Philosophy of Science. *Journal of Moral Education, 43*(1), 32-53.

Han, H., & Jeong, C. (2014). Improving Epistemological Beliefs and Moral Judgment through an STS-Based Science Ethics Education Program. *Science and Engineering Ethics, 20*(1), 197-220.

Han, H., Glover, G. H., & Jeong, C. (2014). Cultural Influences on the Neural Correlate of Moral Decision Making Processes. *Behavioural Brain Research*, *259*, 215-218.

Han, H., & Jeong, C. (2010). Achievements in Natural Science, the Possibility of the Free Will and Autonomous Morality: With Consideration of Moral Psychology and its Educational Implementation. *Journal of Moral & Ethics Education (Korean), 31,* 1-28*.*

Han, H., & Jeong, C. (2009). Understanding Moral Psychology and Moral Education through the Lens of the Philosophy of Science. *The SNU Journal of Education Research, 18,* 1-23.

Han, H., & Jeong, C. (2009). Using STS Theories and Issues for Moral Education. *Journal of Moral & Ethics Education (Korean), 29,* 367-386.

Han, H. (2008). A Study on Application of Neurobiological Researches to Moral Education. *Journal of Moral & Ethics Education (Korean), 26,* 215-238.

Han, H. (2007). A Study to Improve Business Ethics Education Program. *Journal of Ethics Education Studies (Korean), 13,* 313-332.

Han, H. (2006). A Survey of Effects of STS Education on the University Students' Moral Development and Epistemological Beliefs: Using DIT and EBI. *Journal of Ethics Education Studies (Korean), 9,* 201-218.

Han, H., & Park, C. (2005). A Study on the Application of Sociology of Science and Technology Perspective in Moral Education Curriculum. *Journal of Korean Ethics Studies (Korean), 60,* 151-180.

Contributing Author

Jeong, C., & **Han, H.** (2013). Exploring the Relationship between Virtue Ethics and Moral Identity. *Ethics & Behavior*, *23*(1), 44-56.

Jeong, C., & **Han, H.** (2012). An Integrative Model of Moral Reasoning and Moral Intuition: Implications for Moral Education, *The SNU Journal of Education* Research, *21*, 81-107.

Jeong, C., & **Han, H.** (2011). A Multi-level Model of Moral Thinking Based on Neuroscience and Moral Psychology. *Psychology Research, 1(*5), 328-339.

Jeong, C., & **Han, H.** (2010). Some Potential Contributions of Sociobiology to Moral Psychology and Moral Education. *The SNU Journal of Education Research, 19*, 167-188.

Park, C., & **Han, H.** (2007). A Fundamental Study on Morality of Gifted Elementary School Children. *Elementary School Education Research (Korean), 7*(1)*,* 189-206.

Books and Book Reviews

Damon, W. (**H. Han**, & C. Jeong, Trans.) (2012). *The Path to Purpose: How Young People Find Their Calling in Life*. Seoul, Korea: Hankyung BP. (Original work published 2008.)

Han, H. (2012). Book Review on Lost in Transition: The Dark Side of Emerging Adulthood. *Journal of Moral Education, 41*(1), 145-147.

Park, G., Hong, S., Seo, K., & **Han, H.** (2011). *A Preliminary Study of Making Tool for the Moral Sensitivity Test for Korean Youth (Written in Korean).* Seoul, Korea: National Youth Policy Institute.

Han, H. (2003). *High School Moral Education (Written in Korean).* Seoul, Korea: ETOOS Group.
Han, H. (2002). *There is no Genius (Written in Korean).* Seoul, Korea: Haengbokhan-Chaekilgi.

Manuscripts in Submission

Han, H., Jeong, C., Kunii, Y., & Kim, S. (Manuscript under revision). A Comparative Study of Moral Education Textbooks in Korea and Japan.

Han, H. (Manuscript under review). Integrative Moral Functioning Associated with Activity in the Default Mode Network: A Meta-analysis.

Malin, H., **Han, H.,** & Liauw, I. (Manuscript under review). Civic Purpose in Late Adolescence: How Internal and External Factors Integrate to Sustain Civic Development After High School.

Manuscripts in Preparation

Han, H., Kim, J., Jeong, C., Cohen, G. L., & Damon, W. (Manuscript in preparation). Designing Effective Moral Educational Interventions using Moral Exemplars thorough Social Psychological Experiments.

Hunt, D., Reilly, T., Malin, H., & **Han, H.** (Manuscript in preparation). Entrepreneurial intention: A qualitative analysis of individual, contextual, and emerging factors that contribute to its development.

AWARDS AND HONORS

- The 2015 European Association for Research on Adolescence-Society for Research on Adolescence Summer School Scholarship, Atlanta, GA. 2015
- The Association for Moral Education Scholarship for Participation in 2014 Conference, Pasadena, CA. 2014
- The Association for Moral Education Scholarship for Participation in 2013 Conference, Montreal, Canada. 2013
- The Association for Moral Education Scholarship for Participation in 2012 Conference, San Antonio, TX. 2012
- Excellence Award, Advanced Technology Incorporation. 2008
- Bronze Award, The 2nd Korea Flat Panel Display Vision Inspection Contest, Chungnam Display R&D Cluster Center. 2007
- Korea Foundation for Advanced Studies Scholarship. 2006
- Cum laude, Seoul National University. 2005
- Runner-up, University Academic Paper Contest, Seoul National University. 2003
- 4th Place, The 27th Korean College Student Academic Paper Presentation Contest, The Center for Social Sciences in Seoul National University. 2002
- 4th Place, The 2nd Cyber Culture Academic Paper Contest, The Academy of Korean Studies, 2001
- Daejin University Scholarship. 2001—2005

GRANTS AND FELLOWSHIPS

University of Oklahoma, Norman, OK
- The Institute for the Study of Human Flourishing Postdoctoral Fellowship, USD 74,620. Declined.

Stanford University, Stanford, CA
- Stanford Graduate School of Education Dissertation Fellowship, USD 13,815. 2015—2016
- Center for East Asian Studies Summer Grants, *Psychological Interventions using Stories of Moral Exemplars in Classrooms: By Considering Moral Education Curriculum in South Korea*

and Taiwan, USD 6,000. 2015
- Stanford Graduate School of Education Travel Fellowship, USD 1,100. 2014
- Stanford Graduate School of Education Travel Fellowship, USD 700. 2013
- Stanford Graduate School of Education Travel Fellowship, USD 1,100. 2011
- Stanford Graduate School of Education Doctoral Fellowship, USD 38,670. 2011—2012

Ministry of Education, Seoul, Korea
- Co-Investigator (Principal Investigator: Changwoo Jeong). The Current Status and Activation Plan of Character Education in Elementary and Secondary Schools, KRW 30,000,000 (equivalent to USD 28,110 as of Mar. 11. 2014.). 2013—2014

National Youth Policy Institute, Seoul, Korea
- Co-Investigator (Principal Investigator: Gyunyeol Park). A Preliminary Study of Making Tool for the Moral Sensitivity Test for Korean Youth, KRW 15,000,000 (equivalent to USD 14,055 as of Mar. 11. 2014.). 2010—2011

CONFERENCE PARTICIPATION

Han, H., Malin, H., & Liauw, I. (2016, April). *Moral Identity Contributes to the Development of Life Meaning Among Young Adults.* Individual Paper Presentation at the 2016 Society for Research on Adolescence (SRA) Biennial Meeting, Baltimore, MD.

Han, H., Kim, J., Jeong, C., Cohen, G. L., & Damon, W. (2016, January). *Attainable and Relevant Moral Exemplars as Powerful Sources for Moral Education: From Vantage Points of Virtue Ethics and Social Psychology.* Invited Oral Presentation at the 4th Annual Conference of the Jubilee Centre for Character and Virtues, Oxford, United Kingdom.

Han, H., Chen, J., Jeong, C., & Glover, G. H. (2015, June). *Relationship between Brain Regions Associated with Self and Moral Functioning in Moral Judgment*. Poster Presentation at the 2015 OHBM Annual Meeting, Honolulu, HI.

Han, H., Jeong, C., Damon W., & Cohen, G. L. (2015, April). *Are Attainable Exemplars More Effective at Promoting Students' Moral Motivation?*. Moral Development and Moral Education SIG Paper Session Presentation at the American Educational Research Association 2015 Annual Meeting, Chicago, IL.

Han, H. (2015, January). *Exploring Relation between Aristotelian Moral Philosophy, Moral Psychology, and Contemporary Neurosciences.* Oral Presentation at the 3rd Annual Conference of the Jubilee Centre for Character and Virtues, Oxford, United Kingdom.

Han, H., Liauw, I., & Malin, H. (2014, November). *Longitudinal Study of Civic Engagement in the Transition to Adulthood.* Oral Presentation at the Association for Moral Education, Pasadena, CA.

Han, H. (2014, November). *A Meta-Analysis of fMRI Studies of Morality and Its Implications*. Oral Presentation at the 40th Annual Conference of the Association for Moral Education, Pasadena, CA.

Han, H., Glover, G. H., & Jeong, C. (2014, March). *Do Socio-Cultural Factors Influence on Moral Judgment at the Neural Level?* Poster Presentation at the Cross-Cultural Perspectives on Moral Psychology Conference, Seoul, Korea.

Han, H. (2014, January). *Can virtue be measured using neuroimaging methods?.* Oral Presentation at the 2nd Annual Conference of the Jubilee Centre for Character and Values, Oxford, United Kingdom.

Han, H., Glover, G. H., & Jeong, C. (2013, October). *A Cross-Cultural fMRI Investigation of Moral Decision Making Processes.* Oral Presentation at the 39th Annual Conference of the Association for Moral Education, Montreal, Canada.

Han, H., Kim, S., Jeong, C., & Kunii, Y. (2013, October). *A Comparative Study of Moral Education*

Textbooks in Korea and Japan. Poster Presentation at the 39th Annual Conference of the Association for Moral Education, Montreal, Canada.

Han, H. (2013, October). *How Can We Apply Exemplary Stories to Moral Education?* (Discussant: William Damon). Symposium Paper Presentation at the 39th Annual Conference of the Association for Moral Education, Montreal, Canada.

Kim, S., **Han, H.**, & Jeong, C. (2012, November). *Devising and Testing an Instrument for Measuring Distances between Adolescents' Sense of Self and the Concepts Related to Morals.* Poster Presentation at the 38th Annual Conference of the Association for Moral Education, San Antonio, TX.

Han, H., & Jeong, C. (2012, November). *Developing an Effective Science Ethics Education Program: A Socioscientific Issues-based Approach.* Poster Presentation at the 38th Annual Conference of the Association for Moral Education, San Antonio, TX.

Jeong, C., & **Han, H.** (2011, October). *Bridging the Gap between Science and the Humanities through Moral Education.* Oral Presentation at the 37th Annual Conference of the Association for Moral Education, Nanjing, China.

Han, H. (2010, November). *A Study of How to Measure and Manage Korean Adolescents' Morality.* Oral Presentation at the 2011 Fall Korean Ethics Education Association, Cheongju, Korea.

Jeong, C., & **Han, H.** (2010, November). *The Moral Human as a Sociobiological, Natural Scientific Being: How it can be Helpful to our Study of Moral Functioning and Moral Education.* Oral Presentation at the 36th Annual Conference of the Association for Moral Education, St. Louis, MA.

Han, H. (2002, April). *Simulation of Descartes's Human Thinking Model by Multi-Threading.* Poster Presentation at the 2002 Spring Conference of the Korean Institute of Information Scientists and Engineers, Ansan, Korea.

Han, H. (2001, October). *Ethical Contemplation into Software Piracy.* Poster Presentation at the 2001 Fall Conference of the Korean Institute of Information Scientists and Engineers, Seoul, Korea.

INVITED, DEPARTMENTAL AND CAMPUS TALKS

Invited Speaker, (November, 2015). "Character Education Focused on Practice and Experience" at Global HR Forum 2015, The Ministry of Education of Korea, Seoul, Korea.

Guest Lecturer (November, 2015). "Character Education Programs and Neuroscientific Approaches to Character Education in the United States" in Theories of Moral & Ethics Education (714.217A, PI: Changwoo Jeong). Seoul National University, Seoul, Korea.

Invited Speaker, (June, 2015). "Application of Scientific Methods to the Development of Character Education" at A Conference for Educating Citizens with Moral Character in a Democratic Society. Seoul National University, Seoul, Korea.

Workshop Leader (June, 2015). SisaIN 2015 Youth Leadership Forum. Seoul, Korea.

Guest Lecturer (April, 2015). "Culture and Social Neuroscience: Influences of Cultural Factors on Neural Correlates of Morality" in Physiological Psychology (PSYC 230, PI: Bokyung Kim). San José State University, San Jose, CA.

Guest Lecturer (Oct, 2014). "A Cross-Cultural fMRI Investigation of Moral Decision Making Processes" in Cultural Psychology (EDUC 367, PI: Teresa LaFromboise). Stanford University, Stanford, CA.

Workshop Leader (May—June, 2014). SisaIN 2014 Youth Leadership Forum. Seoul, Korea.

Guest Lecturer (March, 2014). "A Meta-analysis of the Neural Substrate of Human Morality" in Studies in Moral Development (714.543, PI: Changwoo Jeong). Seoul National University, Seoul, Korea.

Guest Lecturer (March, 2014). "Civic Education and Civic Development" in Theories of Democracy (700.118, PI: Hyung Ryeol Kim). Seoul National University, Seoul, Korea.
Workshop Leader (May, 2013). SisaIN 2013 Youth Leadership Forum. Seoul, Korea.
Invited Lecturer (May, 2013). Korean Standards Association-American Society for Training & Development International Conference 2013. Stanford, CA.
Invited Lecturer (March, 2013). Neuroscience and Moral Education. Seoul National University, Seoul, Korea.
Invited Lecturer (December, 2010). Basic Learning Techniques. Keimyung University, Daegu, Korea.
Invited Lecturer (November, 2010). Basic Learning Techniques. Semyung University, Jecheon, Korea.
Invited Lecturer (May, 2010). Basic Learning Techniques. Changwon National University, Changwon, Korea.
Invited Lecturer (August, 2008). Basic Learning Techniques. Catholic University of Daegu, Gyeongsan, Korea.
Invited Lecturer (December 2005). Basic Learning Techniques. Soon Chun Hyang University, Asan, Korea.

SERVICE TO PROFESSION

- Ad hoc reviewer, *Science and Engineering Ethics; PLOS ONE; Journal of Moral Education; Philosophical Psychology; Language, Culture and Curriculum; Ethics & Behavior; The Cerebellum*
- Conference proposal reviewer, *2016 American Educational Research Association Annual Meeting Division E (Counseling & Human Development)*

ADDITIONAL PROFESSIONAL SKILLS

- C, C++: More than ten years' experience in automated vision inspection, artificial intelligence, neural network programming, data analysis for educational psychology, etc.
- JAVA, DELPHI (PASCAL), PHP, Python: Up to two years' experience.
- SAS, SPSS, STATA, R: Statistical analysis tools.
- E-Prime, Psychtoolbox: Psychological experiment design tools.
- AFNI, SPM8, FSL, MATLAB: Brain image analysis tools.
- Qualtrics, Surveymonkey: Online survey tools.

PROFESSIONAL MEMBERSHIPS AND AFILLIATIONS

- Student member, Society for Research on Adolescence, August 2015—present
- Member, The Asia-Pacific Network for Moral Education, May 2015—present
- Student member, Organization for Human Brain Mapping, April 2015—present
- Student member, American Educational Research Association, October 2013—present
- Student member, Association for Moral Education, October 2010—present

ADDITIONAL PROFESSIONAL EXPERIENCE

Advanced Technology Incorporation, Incheon, Korea
Engineering Researcher, August 2007—October 2010 (as a part of military service)
- Vision Development Team, Center of Research and Development
  Developed automated visual inspection systems

Discuss Academy, Seoul, Korea
Section Manager, July 2006—February 2007
- Social Studies Education Team
  Designed internet-based E-learning systems for secondary school students