

Sei Jin Ko – Curriculum Vitae

Center for Research in Mathematics and Science Education (CRMSE)
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EDUCATION

Ph.D.	2007	University of Groningen, The Netherlands Specialization: <i>Social Psychology</i> /Minor: <i>Statistics</i>
M.A.	2004	University of Colorado, Boulder, CA Specialization: <i>Social Psychology</i> /Minor: <i>Statistics</i>
BMus	1992	Royal College of Music, London, UK Specialization: <i>Classical Violin</i>

PROFESSIONAL EMPLOYMENT

2016-present	<i>Research Assistant Professor</i> , Psychology Department, San Diego State University
2015-present	<i>Associate Member</i> , Center for Research in Mathematics and Science Education (CRMSE), San Diego State University
2009-present	<i>Adjunct Professor/Lecturer</i> , Psychology Department, San Diego State University
2007-09	<i>Visiting Assistant Professor of Management and Organizations</i> and <i>Postdoctoral Fellow at the Dispute Resolution and Research Center</i> , Kellogg School of Management, Northwestern University
2001-02	<i>Data Analyst</i> , Office of Planning, Budget, and Analysis, University of Colorado, Boulder

ACADEMIC AWARDS

Honors and Fellowships:

2006	Runner-Up, SPSP Graduate Poster Award, <i>Society for Personality and Social Psychology</i> annual meeting, Palm Springs, CA
2006	Travel Award to attend <i>Society for Personality and Social Psychology</i> annual meeting in Palm Springs, CA, Dutch National Science Foundation (NWO)
2005	Travel Award to attend <i>Society for Personality and Social Psychology</i> annual meeting in New Orleans, LA, Dutch National Science Foundation (NWO)

- 2001-02 University of Colorado Graduate School Fellowship
- 2000 University of Texas Academic Competitive Scholarship, The University of Texas at Austin, Austin

RESEARCH GRANTS (INTERNAL/EXTERNAL)

Funded:

- 2018-19 (Supplemental Support) *Investigating the use of peer role models to inspire women to thrive in STEM*, (ECR-DRL; co-PI), National Science Foundation (NSF: #1535117), \$30,479
- 2015-18 *Investigating the use of peer role models to inspire women to thrive in STEM*, (ECR-DRL; co-PI), National Science Foundation (NSF: #1535117). \$1,499,966.
- 2015-16 *Recruitment and retention of women in mathematics: The impact of peer role models* (co-PI), University Grants Program, San Diego State University, \$8,900
- 2015-16 *Fostering inclusion in mathematics and the sciences* (co-PI), President's Leadership Fund, San Diego State University, \$11,121
- 2007-08 *The voice of change: The role of vocal variation in negotiating power* (PI), Dispute Resolution Research Center (DRRC), Kellogg School of Management (Northwestern University), \$10,000

PUBLICATIONS (asterisk indicates student author):

- Marx, D. M. & **Ko, S. J.** (*in press*). Stereotypes and prejudice. *Oxford Research Encyclopedia of Psychology*.
- Ko, S. J.**, Marx, D. M., Nickerson, S. D., & Bjorkman, K.* (*in press*). Implementing a peer role model program in college calculus classes to broaden women's participation in STEM. *PRIMUS*.
- Ko, S. J.** & Marx, D. M. (2018). Assessing high school students' cost concerns about pursuing stem: "Is it worth it?". *Hispanic Journal of Behavioral Sciences*, 41, 29-41.
- Ko, S. J.** (2015). Understanding vocal signals of hierarchy via the Brunswik Lens Model. In E. Kaufmann, J. Athanasou, & R. Hamm (Eds.), *The Brunswik Society Newsletter*, 30, 26-28.
- Ko, S. J.**, Sadler, M. S., & Galinsky, A. D. (2015). The sound of power: Conveying and detecting hierarchical rank through voice. *Psychological Science*, 26, 3-14. ****Top 25 most viewed article.**
- Selected media coverage:** *Wall Street Journal, BBC, The Times of London, NPR, Reddit, CBS News, Mashable, Science Daily, Daily Mail, Medical News Today, Forbes, CTVNews, Medical Daily, Tumblr, The Telegraph, Huffington Post, TheStar Online, BuzzFeed, The Independent, British Psychological Society, Psychology Today, Colorado News Daily*

- Marx, D. M., & **Ko, S. J.** (2012). Superstars “like” me: The effect of role model similarity on performance under threat. *European Journal of Social Psychology*, 42, 807-812.
- Marx, D. M., & **Ko, S. J.** (2011). Refocusing or recycling?: The stereotype inoculation model and its relationship with research on ingroup role models. *Psychological Inquiry*, 22, 280-284.
- Marx, D. M. & **Ko, S. J.** (2011). Prejudice, discrimination, and stereotypes (racial bias). In V. Ramachandran (Ed.), *The Encyclopedia of Human Behaviour 2nd Edition*. Elsevier.
- Marx, D. M., **Ko, S. J.**, & Friedman, R. A. (2009). The Obama effect: How a salient role model reduces race-based performance differences. *Journal of Experimental Social Psychology*, 45, 953-956.
- Selected media coverage:** *The New York Times*, *New York Times Magazine*, *Chicago Tribune*, *CNN*, *Washington Times*, *LA Times*, *San Diego Union Tribune*, *CNBC*, *NPR*, *Anderson Cooper 360*, *USA Today*, *Diverse Education*, *US News and World Report*, *PRI*, *Newsweek*, *Evening Standard*, *Fox News*, *Campbell Brown’s “No Bias, No Bull”*, *National Education Association*, *Atlantic Monthly*
- Ko, S. J.**, Judd, C. M., & Stapel, D. A. (2009). Stereotyping based on voice in the presence of individuating information: Vocal femininity affects perceived competence but not warmth. *Personality and Social Psychology Bulletin*, 35, 198-211.
- Szesny, S., & **Ko, S. J.** (2008). Feature-based gender stereotyping: Beyond categorization and control? In Todd G. Morrison & Melanie A. Morrison (Eds.), *The Psychology of Modern Prejudice*. Hauppauge NY: Nova Science Publishers.
- Ko, S. J.**, Muller, D., Judd, C. M., & Stapel, D. A. (2008). Sneaking in through the back door: How category-based stereotype suppression leads to rebound in feature-based effects. *Journal of Experimental Social Psychology*, 44, 833-839.
- Ko, S. J.**, Judd, C. M., & Blair, I. V. (2006). What the voice reveals: Within and between category stereotyping on the basis of voice. *Personality and Social Psychology Bulletin*, 32, 806-819.
- Swann, Jr., W. B., Seyle, C. D., Polzer, J. T., & **Ko, S. J.** (2004). Finding value in diversity: Verification of personal and social self-views in diverse groups. *Academy of Management Review*, 29, 9-27.
- Gosling, S. D., **Ko, S. J.**, Mannarelli, T., & Morris, M. E. (2002). A room with a cue: Judgments of personality based on offices and bedrooms. *Journal of Personality and Social Psychology*, 82, 379-398.
- Selected media coverage:** “Blink” by Malcolm Gladwell, *American Psychological Association*, *Taglines Magazine*, *HealthDay*, *Los Angeles Times*, *Psychology Today*, *TheStar Online*, *Thomasnet News*

Selected Conference Papers (asterisk indicates student author):

- Nickerson, S. D., Bjorkman, K.*, **Ko, S. J.**, & Marx, D. M. (2017). Identification matters: Effects of female peer role models differ by gender between high and low mathematically identified students. In A. Weinberg, C. Rasmussen, J. Rabin, M. Wawro, & S. Brown (Eds.), *Proceedings of the 20th Annual Conference on Research in Undergraduate Mathematics Education* (pp. 1367–1372). San Diego, California.

Nickerson, S. D., Bjorkman, K.*, Marx, D. M., & **Ko, S. J.** (2016). Peer role models improve self-perceptions of math ability. In C. Csikos, A. Rausch, & J. Szitanyi (Eds.), *Proceedings of the 40th Annual Meeting of the International Group for the Psychology of Mathematics Education*, 1, 322.

Bjorkman, K.*, Nickerson, S. D., Marx, D. M., **Ko, S. J.**, & Wu, C.* (2016). Peer role models improve self-perceptions of math ability. In M. B. Wood, E. E. Turner, M. Civil, & J. A. Eli (Eds.). *Proceedings of the 38th Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*, 1, 1139.

PRESENTATIONS

Papers Presented at Professional Meetings (asterisk indicates student author):

Chambers, L.*, **Ko, S. J.**, da Rosa, V. A.*, & Marx, D. M. (2019, April). "Major Decisions": Exploring group differences on factors that may influence college major choice. Paper to be presented at the meeting of the *Western Psychological Association*, Pasadena, CA.

da Rosa, V. A.*, **Ko, S. J.**, Marx, D. M., & Vargas, D. T.* (2019, April). "A través del espejo": Using cultural experiences to increase similarity towards female peer role models. Paper to be presented at the meeting of the *Western Psychological Association*, Pasadena, CA.

Ko, S. J. & Marx, D. M. (2019, March). Assessing high school students' cost concerns about pursuing a STEM (science, technology, engineering, and mathematics) major in college. Paper presented at the meeting of the *International Convention of Psychological Science*, Paris, France.

Vargas, D. T.*, da Rosa, V. A.*, Marx, D. M., & **Ko, S. J.** (2018, April). A mirror to myself: Assessing academic and personal similarity perceptions of female peer role models. Paper presented at the meeting of the *Western Psychological Association*, Portland, OR.

Nickerson, S., Bjorkman, K.*, Marx, D. M., & **Ko, S. J.** (2016, November). *Peer Role Models Improve Self-perception of Math Ability*. Paper presented at the 38th Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education Tucson, AZ.

Nickerson, S., Bjorkman, K.*, **Ko, S. J.**, & Marx, D. M. (2016, August). *Peer Role Models Improve Self-perception of Math Ability*. Paper presented at the 40th Conference of the International Group for the Psychology of Mathematics Education. Szeged, Hungary.

Brookfield, J. S.*, **Ko, S. J.**, Marx, D. M., & Devos, T. (2015, February). Country or ethnicity first?: Ethnic, not American, identity moderates perceived symbolic threat of illegal immigrants. Paper presented at the meeting of the *Society for Personality and Social Psychology*, Long Beach, CA.

Brookfield, J. S.*, **Ko, S. J.**, Marx, D. M., & Devos, T. (2014, January). Benefit of the doubt: The role of participant ethnicity and ideologies in economic threat perceptions of Mexican immigrants. Paper presented at the meeting of the *Society for Personality and Social Psychology*, Austin, TX.

- Manning, M. L.*, Brookfield, J. S.*, Weisz, B. M.*, Marx, D. M., & **Ko, S. J.** (2014, January). What your friendships say about you: Having interracial friendship networks may boost positive social perceptions. Paper presented at the meeting of the *Society for Personality and Social Psychology*, Austin, TX.
- Beavers, A.*, Hennessy, C.*, **Ko, S. J.**, & Sadler, M. S. (2011, January). The impact of vocal and visual cue correspondence on perceived competence and warmth. Paper presented at the meeting of the *Society for Personality and Social Psychology*, San Antonio, TX.
- Ko, S. J.**, Muller, D., Judd, C. M., & Stapel, D. A. (2007, January). Sneaking in through the back door: How category-based stereotype suppression leads to rebound in feature-based effects. Paper presented at the meeting of the *Society for Personality and Social Psychology*, Memphis, TN.
- Ko, S. J.**, Judd, C. M., & Stapel, D. A. (2006, January). Shifting standards: How the interplay of individuating information and vocal cues affect person perception. Paper presented at the meeting of the *Society for Personality and Social Psychology*, Palm Springs, CA.
- Ko, S. J.**, Sadler, M. S., Judd, C. M., & Park, B. (2005, January). We all think you sound like a secretary, but why don't you?!: Consensus and accuracy in vocal perceptions. Paper presented at the meeting of the *Society for Personality and Social Psychology*, New Orleans, LA.
- Ko, S. J.**, Judd, C. M., & Blair, I. V. (2003, January). The route of vocal cues to gender stereotyping. Paper presented at the meeting of the *Society for Personality and Social Psychology*, Los Angeles, CA.
- Ko, S. J.**, & Ambady, N. (2001, February). Cross-cultural sensitivity to unposed expressions of emotions. Paper presented at the meeting of the *Society for Personality and Social Psychology*, San Antonio, TX.

Invited Talks, Presentations, and Colloquia:

- Marx, D. M. & **Ko, S. J.** (2018, July). Creating connections: Math-talented female peers positively impact women's STEM experiences. In D. Marx & S. J. Ko (Co-Chairs), *School ties: Fostering academic collaborations bolster positive educational experiences*. Symposium conducted at the meeting of the *Society for the Psychological Study of Social Issues*, Pittsburgh, PA.
- Ko, S. J.** (2018, June). Increasing diversity in STEM. ASMS diversity and outreach workshop given at the annual meeting of the *American Society for Mass Spectrometry*, San Diego, CA.
- da Rosa, V. A.*, **Ko, S. J.**, Marx, D. M., & Vargas, D. T.* (2018, April). Is it worth it?: Assessing high school students' concerns about pursuing STEM. Talk given at the meeting of the *Western Psychological Association*, Portland, OR.
- Marx, D. M., & **Ko, S. J.** (2018, April). From investigation to implementation: The impact of female peer role models in college math classes. Talk given at the meeting of the *Western Psychological Association*, Portland, OR.
- Nickerson, S. D., Bjorkman, K.*, Wynn, L.*, Marx, D. M., & **Ko, S. J.** (2016, April). "Artichokes even look intimidating": Exploring student views of mathematics through metaphor. Talk given at the *American Educational Research Association*, Washington, DC.

- Nickerson, S. D., Bjorkman, K*, **Ko, S. J.**, Marx, D. M., & Wu, C.* (2016, January). If I can, so can you: Peer role models improve self-perception of mathematical ability for women. Talk given at the *Joint Meetings of the Mathematical Association of America and American Mathematical Society*, Seattle, WA.
- Ko, S. J.** (2016, January). Hierarchical rank conveyed and detected through voice. In J. Lange & J. Crusius (Co-Chairs), *Interpersonal processes in the emergence of status hierarchies*. Symposium conducted at the meeting of the *Society for Personality and Social Psychology*, San Diego, CA.
- Ko, S. J.** (2011, July). Challenging stereotypes: When and how targets of negative stereotypes resist. Talk given at the *European Association of Social Psychology Medium-Sized Group Meeting*, “Exuding warmth and competence via balanced visual and vocal cues”, Lisbon, Portugal.
- Ko, S. J.** (2009, November). Conveying and detecting power through the voice. Talk given at the *Social Psychology Colloquium Series*, University of California, Los Angeles, CA.
- Ko, S. J.** (2009, October). Conveying and detecting power through the voice. Talk given at the *Social Psychology Brown Bag*, San Diego State University, San Diego, CA.
- Ko, S. J.** (2009, February). Multi-level modeling. Talk given at the *Social Psychology Brown Bag*, Northwestern University, Evanston, IL.
- Ko, S. J.** (2009, April). Vocal cue-based stereotyping in the face of individuating information. In T. Devos & D. Marx (Co-Chairs), *The ebb and flow of the social self*. Symposium conducted at the meeting of the *Western Psychological Association*, Portland, OR.
- Ko, S. J.** (2008, October). Sneaking in through the back door: How category-based stereotype suppression leads to rebound in feature-based effects. In C. R. Kaiser & K. B. Maddox (Co-Chairs), *Broadening the conceptualization of bias: Within-category perspectives on stereotyping, prejudice, and identity impression formation: Differences and similarities*. Symposium conducted at the meeting of the *Society for Experimental Social Psychology*, Sacramento, CA.
- Ko, S. J.** (2008, May). From the laboratory to the real world: Interventions for reducing stereotype threat [symposium overview]. In D. Marx & **S. J. Ko** (Co-Chairs), *From the laboratory to the real world: Interventions for reducing stereotype threat*. Symposium conducted at the meeting of the *Association for Psychological Science*, Chicago, IL.
- Ko, S. J.** (2008, February). A voice in the workplace: How vocal cues impact judgments related to hiring decisions. In J. White & D. Marx (Co-Chairs), *Seeing below the surface: How peripheral cues shape stereotypic perceptions*. Symposium conducted at the meeting of the *Society for Personality and Social Psychology*, Albuquerque, NM.
- Ko, S. J.** (2007, June). It’s not what you say but how you say it: The role of voice in gender stereotyping and person-perception. Colloquium given at the Université Pierre Mendes France, Grenoble, France.
- Ko, S. J.**, Judd, C. M., & Stapel, D. A. (2005, March). Shifting standards: How the interplay of individuating information and vocal cues affect person perception. *Social Brown Bag*, Catholic University of Louvain-la-Neuve, Louvain-la-Neuve, Belgium.

Ko, S. J., Gosling, S. D., & Mannarelli, T. (2000, November). A room with a clue: What bedrooms and offices reveal about their occupants. *Social Psychology Area Meeting*, The University of Texas, Austin.

ADVISING EXPERIENCE

M.A. Students:

2017-present	Vitorino Da Rosa, San Diego State University (co-advised with David Marx)
2009-11	Allyce Monroe, San Diego State University
2006	Heleen Verkoren, University of Groningen
2005	Ilke Jellema, University of Groningen
2005	Marloes Schwinghammer, University of Groningen

Thesis Committee Member (undergraduate and graduate level):

2019	Vitorino Da Rosa (SDSU)
2011-12	Meghan McDonald (SDSU)
2011	Brad Weisz (SDSU)
2011	Elizabeth Meager (SDSU)
2011	Allyce Monroe (SDSU)

EDITORIAL POSITIONS

Guest Editor Position:

2016-present	<i>Group Processes and Intergroup Relations</i> : Special issue on group-based inequalities in educational outcomes (publication date, April 2019)
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AD HOC REVIEWER

Journal of Personality
Journal of Personality and Social Psychology
International Review of Social Psychology
National Science Foundation (NSF)
Personality and Social Psychology Bulletin
Social Psychological and Personality Science

PROFESSIONAL MEMBERSHIPS

American Educational Research Associations (AERA)
Western Psychological Society (WPA)