**SOJUNG BAEK**

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**EDUCATION**

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| M.S., Interdisciplinary Program in Cognitive Science (2018). Seoul National University, Republic of Korea  Dissertation: Women’s Cooperative Motivation towards Ovulating Women Under Male Threat Context |
| B.A., Korean Language and Literature & Psychology (2013). Yonsei University, Republic of Korea  **RESEARCH EXPERIENCE**  Laboratory Experience  **Behavioral Endocrinology and Evolution Lab**, Pennsylvania State University. (Aug. 2020-Present)  PI: David A. Puts, Ph.D.  Visiting Scholar, Researcher  **Human Nature Studies Lab**, Seoul National University. (Mar. 2016–Feb. 2018)  PI: Dayk Jang, Ph.D. Researcher, Lab manager  **Social Psychology Laboratory**, Sung Kyun Kwan University. (Mar. 2014 –Jun. 2015)  PI: Hoon-Seok Choi, Ph.D. Researcher  Research Assistant Experience  **Personality and Social Psychology Lab,** Department of Psychology, Yonsei University. (Aug.-Dec. 2013)  PI: Eunkook Mark Suh, Ph.D.  - Participated in lab meetings and conducted experiments  **Social & Cultural Psychology Lab,** Department of Psychology, Yonsei University. (Dec. 2012–Aug. 2013)  PI: Younghoon Kim, Ph.D.  - Participated in designing and conducting the experiment, ‘The Effect of Appearance on Moral Behavior’  **Human Development Lab**, Department of Psychology, Yonsei University. (Oct. 2011–Jan. 2013)  PI: Hyun-joo Song, Ph.D. & Elizabeth Kim, M.S.  - Participated in conducting the experiment, ‘Cross-cultural Study of Children’s Conformity to Others’  Work Experience  **Korea University Bussiness School**, Administrative staff. (Feb.-Aug. 2020)  - Research and grant support  **National Center for Mental Health**, Department of Child and Adolescent Psychiatry. (Jul.-Sep.2019)  - Participated in analyzing survey data and publications |
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**RESEARCH**

**Publications and Presentations**

Works in Progress

**Baek, S**., & Shenk, M.K. Empathic signaling and social capital among women with labor migrant husbands in Bangladesh.

**Baek, S.**, Shirazi, T.N., Rosenfield, K.A., and Puts, D.A. Hormonal correlates of sensation seeking in men and women.

**Baek, S.,** Hill, A.K., Hess, C., Aung, T., Rosenfield, K., Koster, J., Winking, J., and Puts, D.A.

Mechanisms of sexual selection on men in a natural fertility population.

Peer-Reviewed Journal articles

Steiner, E. T., Cha, Y. J., & **Baek, S.** (2020). American and Korean Perceptions of Sex Differences in Deception. *Evolutionary Psychology*, *18*(2), DOI: <http://doi.org/10.1177/1474704920916455>

Cha, Y-J., **Baek, S.**, Ahn, G., Lee, H., Lee, B., & Jang, D. (2020). Compensating for the Loss of Human Distinctiveness: The Use of Social Creativity under Human–Machine Comparisons. *Computers in Human Behavior,* DOI: <https://doi.org/10.1016/j.chb.2019.08.027>

Cha, Y. J., **Baek, S.,** Lee, H. S., Bae, J., Lee, J., Lee, S. H., ... & Jang, D. (2019). Combating Identity Threat of Machine: The effect of group-affirmation on humans’ intellectual performance loss. *Korean Journal of Cognitive Science*, *30*(3), 157-174. DOI: <http://dx.doi.org/10.19066/cogsci.2019.30.3.3>

Bae, J., Cha, Y-J., Lee, H., Lee, B., **Baek, S.**, Choi, S., & Jang, D. (2017). Social networks and inference about unknown events: A case of the match between Google’s AlphaGo and Sedol Lee. *PloS one*, *12*(2), e0171472, DOI: <https://doi.org/10.1371/journal.pone.0171472>

Journal Articles and Letters, Not Peer-Reviewed

Aung, T. **Baek, S.**, and Puts, D.A. (2022). Sex differences are insufficient evidence of ecological adaptations in human females. Commentary on Benenson et al. *Behavioral and Brain Sciences* 1-2*.* <https://doi.org/10.1017/S0140525X22000541>

Conference Presentations

**Baek, S**., & Shenk, M.K. (2022). *Empathic signaling and social capital among women with labor migrant husbands in Bangladesh.* Poster presented at the International Society for Human Ethology, Wurzburg, Germany.

Steiner, E. T., Cha, Y-J., **Baek, S.** (2019). *American and Korean Perceptions of Sex Differences in Deception*. Poster presented at the Human Behavior and Evolution Society, Boston, MA.

Cha, Y-J., Choi, M., Choi, S., **Baek S.,** Jang, D., & Suh, M. E. (2019). *The Effect of Life History Strategy on Third Party Punishment*. Poster presented at the Society for Personality and Social Psychology, Portland, OR.

**Baek, S.**, Jang, D. (2018). *Women’s Fertility Detection and Flexible Response Towards Other Ovulating Women*. Poster presented at the Human Behavior and Evolution Society, Amsterdam, Nederlands.

**Baek, S.**, Jang, D. (2018). *You may be Flirty but Fragile when Fertile: Women with Competitive Partners Show Cooperative Motivation Towards Ovulating Women*. Poster presented at the Evolutionary Psychology Preconference of the Society for Personality and Social Psychology, Atlanta, GA.

Cha, Y-J., Lee, H., Lee, B., **Baek, S.**, & Jang, D. (2017). *Managing Human Identity Threat: Extending Social Creativity Strategy to Google’s AlphaGo and Sedol Lee Match*. Poster presented at the International Convention of Psychological Science, Vienna, Austria.

Cha, Y-J., Kang, D., **Baek, S.**, Ahn, G., Lee, B., Kim C., & Jang, D. (2017). *Human Identity Change in the Context of Human Defeat: A Case of Google DeepMind Challenge Match*. Poster presented at the Psychology of Technology Preconference of the Society for Personality and Social Psychology, San Antonio, TX.

Cha, Y-J., **Baek, S.**, Ahn, G., Lee, H., Lee, B., Kim C., & Jang, D. (2017). *The Rise of Machines and Humans’ Strike-back: Managing Human Identity Threat through Social Creativity in the Face of Human-machine Competition*. Poster presented at the Self & Identity Preconference of the Society for Personality and Social Psychology, San Antonio, TX.

**Baek, S.**, Cha, Y-J., & Jang, D. (2017). *Reducing Motivational Loss from Competing with Robots via Group Affirmation*. Poster presented at the Annual Meeting of Korean Society for Cognitive Science, Seoul, Korea.

Cha, Y-J., **Baek, S.**, & Jang, D. (2017). *Identity Threat from Robots and Threat Managing Strategies: Social Creativity vs. Social Competition*. Poster presented at the Annual Meeting of Korean Society for Cognitive Science, Seoul, Korea.

Cha, Y-J., **Baek, S.**, Kim, J., & Jang, D. (2017). *Relating to robot pain: Fantasizing mediates the effect of gender on empathy toward robot pain*. Poster presented at the Annual Meeting of Korean Society for Cognitive Science, Seoul, Korea.

Cha, Y-J., Lee, H., Lee, B., **Baek, S.**, & Jang, D. (2016). *Squeezing the Identity Balloon?: Compensatory Adjustments of Human Identity during the Google DeepMind Challenge Match.* Data presented at the Annual Meeting of Korean Society for Cognitive Science, Seoul, Korea.

Cha, Y-J., **Baek, S.**, Lee, H., Lee, B., Kang, D., & Jang, D. (2016). *The Psychological Impact of Google DeepMind Challenge Match: A Realistic Group Conflict Approach.* Data presented at the Annual Meeting of Korean Society for Cognitive Science, Seoul, Korea.

**TEACHING**

**Teaching Assistant, Cultural Diversity: A Global Perspective.** Erick Rochette, PSU (Spring 2022)

**Teaching Assistant, Introductory Biological Anthropology.** Mark Shriver, PSU (Fall 2021)

**Teaching Assistant, Selected Topics Seminar.** Dayk Jang, SNU (Spring, 2018; Spring, 2019)

**Tutor, Evolutionary Psychology Graduate Seminar.** SNU. (Spring-Fall, 2017)

**Teaching Assistant, Happiness: An Interdisciplinary Approach**. Incheol Choi, SNU (Fall, 2016; Spring, 2017)

**Teaching Assistant, Experimental Social Psychology.** Hae-Kyung Ro, SKKU (Spring, 2015)

**Teaching Assistant, Modern Social Psychology.** Youngmi Kwon, SKKU (Spring, 2015)

**Teaching Assistant, Group Dynamics.** Youngmi Kwon, SKKU (Fall, 2014)

**SCHOLARSHIPS & AWARDS**

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| 2022 | National Science Foundation Cultural Anthropology Research Experience for Graduates |
| 2022 | Hill Fellowship Graduate Training Award, Pennsylvania State University |
| 2020 - 2025 | Graduate Fellowship, Pennsylvania State University |
| 2018 | Incoming scholar grant, Leibniz-ScienceCampus, Goettingen University, Germany |
| 2017 | Graduate Education Travel Funding Award, SNU, South Korea |
| 2016 - 2018 | Teaching Assistance Scholarship, SNU, South Korea |
| 2014 - 2015 | Teaching Assistance Scholarship, SKKU, South Korea |
| 2014 - 2015 | Graduate Merit-based scholarship, Graduate School, SKKU, South Korea |
| 2008 | Undergraduate Scholarship, YU, South Korea |

**Academic Service**

Journal Referee

Evolutionary Psychology

**REFERENCE**

**David Andrew Puts**

Professor, Department of Anthropology, Pennsylvania State University, PA

[dap27@psu.edu](mailto:dap27@psu.edu)

**Mary Katherine Shenk**

Associate Professor, Department of Anthropology, Pennsylvania State University, PA

[mks74@psu.edu](mailto:mks74@psu.edu)

**Rebecca Bliege Bird**

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