

Yoonseo Zoh

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EDUCATION

- **Princeton University** Princeton, NJ, USA
PhD student in Psychology, cognitive area
Statistics and Machine Learning Certificate program Aug. 2022 – present
Advisor : Molly J. Crockett
- **Yale University** New Haven, CT, USA
M.A., M.phil. in Psychology, Neuroscience area Aug. 2020 – Aug. 2022
Advisor : Molly J. Crockett, Steve W.C. Chang
- **Seoul National University** Seoul, Korea
B.A., Double Major ; Psychology and Education Mar. 2013 – Feb. 2018
Summa cum laude

ADDITIONAL EDUCATION

- **Boston College** Chestnuthill, MA, USA
Exchange Student Aug. 2015 – May. 2016

RESEARCH EXPERIENCE

- **Computational Clinical Science Lab (PI : Dr. Woo-Young Ahn)** Seoul National University
Lab Manager / Research Assistant Jan 2018 - Apr 2020
- **Social Psychology Lab (PI : Dr. Incheol Choi)** Seoul National University
Undergraduate Research Assistant Jan 2017 - Dec 2017

PUBLICATIONS

- Zoh, YS.**, Paul, L., Crockett, M.J., How evaluability bias shapes transforamitive decisions. (in press). *Synthese*.
- Zoh, YS.**, Chang, S.W.C.*, Crockett, M.J.* Prefrontal cortex and (uniquely) human cooperation. (2022).
Neuropsychopharmacology.
- Everett, J.A.C., Colombatto, C.,, **Zoh, YS.**, Crockett, M.J. (2021). Moral dilemmas and trust in leaders during a global health crisis. *Nature Human behaviour*, 5(8), 1074-1088.

PAPERS UNDER REVIEW

- Zoh, YS.**, Shin, YS., Carlson, R.W., Chang, S.W.C., Crockett, M.J., Historical principles in distributive decision-making are common, politically variable and malleable.
- Zoh, YS.**, Yu, H., Contreras-Huertas, L.S., Prosser, A.M.B., Apps, M., Sinnott-Armstrong, W., Apps, M., Chang, S.W.C.*, Crockett, M.J.* Behavioral and neural evidence for a two-dimensional model of utilitarianism.

Zoh, YS., Kim, SY., Kim, HJ., Crockett, M.J., Ahn, WY. Decomposing neurocomputational mechanism underlying Rawlsian moral preference.

Carlson, R.W., **Zoh, YS.**, Morris, A., Crockett, M.J., Quantifying accuracy and bias in motive introspection.

TALKS

Zoh, YS., Carlson, R.W., Chang, S.W.C.*, Crockett, M.J.* (2023, Apr) Who deserves more?: Balancing need and effort in distributive decision-making. Cognitive Seminar Talk, Princeton University Psychology Department.

Zoh, YS., Yu, H., Contreras-Huertas, L.S., Prosser, A.M.B., Apps, M., Sinnott-Armstrong, W., Apps, M., Chang, S.W.C.*, Crockett, M.J.* (2022, Aug) Behavioral and neural evidence for a two-dimensional model of utilitarianism. invited talk at the 3rd joint meeting of the SPP and ESPP.

Zoh, YS., Carlson, R.W., Chang, S.W.C.*, Crockett, M.J.* (2022, Apr) Who deserves more?: Balancing need and effort in distributive decision-making. Current Works in Behavior, Genetics and Neuroscience, Yale University Psychology Department.

Zoh, YS., Yu, H., Contreras-Huertas, L.S., Prosser, A.M.B., Apps, M., Sinnott-Armstrong, W., Apps, M., Chang, S.W.C.*, Crockett, M.J.* (2021, Sep) Behavioral and neural evidence for a two-dimensional model of utilitarianism. First-Year graduate student symposium, Yale University Psychology Department.

POSTER PRESENTATIONS

Zoh, YS., Yu, H., Contreras-Huertas, L.S., Prosser, A.M.B., Apps, M., Sinnott-Armstrong, W., Apps, M., Chang, S.W.C.*, Crockett, M.J.* (2022, Feb). Behavioral and neural evidence for a two-dimensional model of utilitarianism. Poster presented at the SPSP 2021 Justice and Morality pre-conference.

Zoh, YS., Yu, H., Contreras-Huertas, L.S., Prosser, A.M.B., Apps, M., Sinnott-Armstrong, W., Apps, M., Chang, S.W.C.*, Crockett, M.J.* (2021, Dec). Behavioral and neural evidence for a two-dimensional model of utilitarianism. Poster presented at the S4SN virtual meeting.

Zoh, YS., Yu, H., Contreras-Huertas, L.S., Prosser, A.M.B., Apps, M., Sinnott-Armstrong, W., Apps, M., Chang, S.W.C.*, Crockett, M.J.* (2021, Oct). Behavioral and neural evidence for a two-dimensional model of utilitarianism. Poster presented at the Society For Neuroeconomics virtual meeting.

Zoh, YS., Kim, SY., Kim, HJ., Crockett, M.J., Ahn, WY.(2020, Oct). Neurocomputational mechanism underlying Rawlsian moral preference. Poster presented at the Society For Neuroeconomics virtual meeting.

Zoh, YS., Kim, HJ., Kim, SY., Ahn, WY.(2019, Oct). Whose pain matters more? : neurocomputational mechanism underlying other-harm involved moral dilemma. Poster presented at the Society For Neuroeconomics, Dublin

Zoh, YS., Cunningham, WA., Lu, ZL., Li, X., Ahn, WY.(2019, May). Differential neural response to social cognition and emotional processing predicts commonalities and differences between political ideologies and partisanship. Poster presented at the Annual Conference of Korean Society of Cognitive Science, Seoul

HONORS AND AWARDS

- **The G. Mason Morfit '97 Fellowship** Princeton University
Kahneman-Treisman Center for Behavioral Science & Public Policy 2023- 2024 Academic Year
- **Yale University Graduate Fellowship** 2020 - 2021
- **Scholarship for Doctoral Study Abroad Program** Korea Foundation for Advanced Studies
Fellowship for prospective Ph.D. students Sep 2019 - Present
- **Interdisciplinary Research Grant (PI : Dr. Woo-Young Ahn)** Seoul National University
Funding for research on neurocomputational mechanism of moral decision-making July 2019 - 2020
- **Best Poster Presentation Award** Korean Society for Cognitive Science
Presented Poster at Annual Conference of Korean Society for Cognitive Science May 2019
- **Graduation with honors** Seoul National University
Summa cum laude Feb 2018
- **First prize in Undergraduate Research Competition for Future Education Design** Feb 2015
- **Superior Academic Performance undergraduate scholarship** March - Dec 2014

TEACHING EXPERIENCE

- Neuroeconomics (PSY/NEU 340)** Princeton University
With Dr. Nathaniel Daw 2023 Fall
- Social Psychology (PSY 252)** Princeton University
With Dr. Rebecca Carey 2023 Spring
- Learning and Memory (PSYC 376)** Yale University
With Dr. Samuel McDougale 2022 Spring
- Statistics (PSYC 200)** Yale University
With Dr. Dylan Gee 2021 Fall

ACADEMIC SERVICE

- **Course Development**
Psychology of Justice course, accredited by Rutgers University to be taught in NJ prison
Prison Teaching Initiative, Princeton University
- **Departmental Committee**
Teaching and Pedagogy Committee, Princeton University
Current Works in Behavior, Genetics and Neuroscience, Yale University
- **Ad-hoc reviewer**
Frontiers in Psychology, Psychological Science, eLife, Trends in Cognitive Sciences (with advisor)
Scientific Reports
- **Open and Reproducible Science Committee**
S4SN 2021

MENTORING

Undergrad Thesis Student

Charlotte Austin (Cardiff university)

Lydia Schooler (Yale University)

Grace Oh (Princeton University)

LANGUAGES

- **R, Python, MATLAB, HTML, Javascript**

proficient coding and data analysis skills for developing customized decision-making task interfaces, collecting data, and conducting analyses using computational and statistical models.

REFERENCES

- **Dr. Molly J. Crockett**

Associate Professor of Psychology, Princeton University

Email: mj.crockett@princeton.edu

- **Dr. Steve W.C. Chang**

Associate Professor of Psychology, Yale University

Email: steve.chang@yale.edu