

YOCHANAN E. BIGMAN
CURRICULUM VITAE

CONTACT INFORMATION

The Hebrew University Business School
The Hebrew University of Jerusalem
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EDUCATION

2017	Ph.D. in Psychology and the Study of Rationality, The Hebrew University of Jerusalem
2015	M.A. in Social Psychology, The Hebrew University of Jerusalem
2010	B.A. in Psychology and in the Amirim Honors Program in Humanities, The Hebrew University of Jerusalem

EMPLOYMENT HISTORY

2022-present	Senior Lecturer, The Hebrew University Business School
2020-2022	Postdoctoral Fellow, Yale University
2017-2020	Postdoctoral Fellow, UNC Chapel-Hill

EXTERNAL FUNDING

2023 – 2028	Israel Science Foundation, Grant: 349/23. Grant title: “Algorithm Discrimination and Stereotype Strengthening” 1,043,300 NIS (~\$285,863)
2017 – 2019	National Science Foundation, SBE Postdoctoral Fellowship Grant: SMA-1714298; Host: Kurt Gray Grant title: "Decision Making in Autonomous Machines" \$138,000

PEER REVIEWED PUBLICATIONS

Bigman, Y. E., Surdel, N., & Ferguson, M. (2023). Trait attribution explains human-robot interactions. *Behavioral and Brain Sciences*. 46, E23.

Bigman, Y.E., Wilson, D., Arnestad, M., Waytz, A., & Gray, K. (2023). Algorithmic discrimination causes less moral outrage than human discrimination. *Journal of Experimental Psychology: General*. 152, (1), 4-27. [\[PDF\]](#)

Carlson, R*, **Bigman, Y. E.***, Gray, K., Ferguson, M. & Crockett, M. (2022). How inferred motives shape moral judgments. *Nature Reviews: Psychology*. 1, 468-478. *Equal contribution.

- Yam, K. C., **Bigman, Y. E.**, & Gray, K. (2021). Reducing the uncanny valley by dehumanizing humanoid robots. *Computers in Human Behavior*, *125*, 1-11. [\[PDF\]](#)
- Bigman, Y. E.**, Yam, K. C., Marciano, D., Reynolds, S., Gray, K. (2021). Threat of racial and economic inequality increases preference for algorithm decision-making. *Computers in Human Behavior*, *122*, 1-11. [\[PDF\]](#)
- Wiese, E., Weis, P., **Bigman, Y. E.**, Kapsaskis, K., & Gray, K. (2022). It's a match: Task assignment in human-robot collaboration depends on mind perception. *International Journal of Social Robotics*, *14*, 141-148. [\[PDF\]](#)
- Yam, K. C., **Bigman, Y. E.**, Tang, P. Gray, K., Ilies, R., & de Cremer, D. (2021). Robots at work: People prefer—and forgive—service robots with perceived feelings. *Journal of Applied Psychology*, *106* (10), 1557-1572.
- Kachanoff, F. J., **Bigman, Y. E.**, Kapsaskis, K., & Gray, K. (2021). Measuring Realistic and Symbolic Threats of COVID-19 and Their Unique Impacts of Well-Being and Adherence to Public Health Behavior. *Social Psychological and Personality Science*, *12* (5), 603-616. [\[PDF\]](#)
- Bigman, Y. E.**, & Gray, K. (2020). Life and death decisions of autonomous vehicles. *Nature*, *579* (7797), E1-E2. [\[PDF\]](#)
- Bigman, Y. E.**, Waytz, A., Alterovitz, R., & Gray, K. (2019). Holding robots responsible: The elements of machine morality. *Trends in Cognitive Sciences*, *23* (5), 365-368. [\[PDF\]](#)
- Tamir, M., Halperin, E., Porat, R., **Bigman, Y. E.**, & Hasson, Y. (2019). When there's a will, there's a way: Disentangling the effects of goals and means in emotion regulation. *Journal of Personality and Social Psychology*, *116* (5), 795-816. [\[PDF\]](#)
- Bigman, Y. E.** & Gray, K. (2018). People are averse to machines making moral decisions. *Cognition*, *181*, 21-34. [\[PDF\]](#)
- Tamir, M. & **Bigman, Y. E.** (2018). Expectations influence how emotions shape behavior. *Emotion*, *18* (1), 15-25. [\[PDF\]](#)
- Bigman, Y. E.**, Sheppes, G., & Tamir, M. (2017). When less is more: Effects of the availability of strategic options on regulating negative emotions. *Emotion*, *17* (6), 993-1006. [\[PDF\]](#)
- Gutentag, T, Halperin, E., Porat, R., **Bigman, Y. E.**, & Tamir, M. (2017). Successful emotion regulation requires both conviction and skill: Beliefs about the controllability of emotions, reappraisal and regulation success. *Cognition and Emotion*, *31* (6), 1225-1233. [\[PDF\]](#)
- Bigman, Y. E.**, & Tamir, M. (2016). The road to heaven is paved with effort: Perceived effort amplifies moral judgment. *Journal of Experimental Psychology: General*, *145*, 1654-1669. [\[PDF\]](#)
- Bigman, Y. E.**, Mauss, I. B., Gross J. J., & Tamir, M. (2016). Yes I can: Expected success promotes actual success in emotion regulation. *Cognition and Emotion*, *30*, 1380-1387. [\[PDF\]](#)
- Vishkin, A., **Bigman, Y. E.**, Porat, R., Solak, N., Halperin, E., & Tamir, M. (2016). God rest our hearts: Religiosity and cognitive reappraisal. *Emotion*, *16*, 252-262. [\[PDF\]](#)

Tamir, M., **Bigman, Y. E.**, Rhodes, E., Salerno, J., & Schreier, J. (2015). An expectancy-value model of emotion regulation: Implications for motivation, emotional experience, and decision making. *Emotion*, 15, 90-103. [\[PDF\]](#)

OTHER PUBLICATIONS

Kim, M. Y., **Bigman, Y. E.**, & Tamir, M. (2015). Emotion regulation. In J. D. Wright (Ed.), *International Encyclopedia of Social and Behavioral Sciences*, 2nd Ed. (pp. 452-456). Oxford, UK: Elsevier.

Tamir, M., & **Bigman, Y. E.** (2014). Why might people want to feel bad? Motives in contra-hedonic emotion regulation. In W. G. Parrott (Ed.), *The Positive Side of Negative Emotions* (pp. 201-223). New York, NY: Guilford Press. [\[PDF\]](#)

Vishkin, A., **Bigman, Y. E.**, & Tamir, M. (2014). Religion, emotion regulation, and well-being. In C. Kim-Prieto (Ed.), *Positive Psychology of Religion and Spirituality across Cultures* (pp. 247-269). New York, NY: Springer. [\[PDF\]](#)

MANUSCRIPTS UNDER REVIEW

Yam, K. C., Tang, P. M., **Bigman, Y. E.**, Yan, L. & Eng, A. (2023). Interacting with inanimate social robots negatively affects how we see and treat other humans: Insights from relational models theory.

Solberg, E. A., **Bigman, Y. E.**, Arnestad, M. N., Yam, K. C. & Gray, K. (2023). Selection algorithms are more trustworthy when they support gender and racial equality.

Bigman, Y. E., Choshen-Hillel, S., & Gray K. (2023). Self-sacrifice resolves the ambiguity of moral motivation.

Wilbanks, D., Hester, N., **Bigman, Y. E.**, Smith, M. M., Court, J., Sarkar, .A. & Gray, K. (2023). Art is “authentic” when it reveals the mind of the artist.

PAPERS PRESENTED AT CONFERENCES

Bigman Y. E., Surdel, N. , Gray, K. & Ferguson, M. (August, 2023). *Discrimination in Personnel Decisions by Algorithms (vs. Humans) Strengthens Stereotypes*. Paper presented at the annual conference of the Academy of Management, Boston, MA, USA.

Bigman Y. E., Surdel, N. , Gray, K. & Ferguson, M. (June, 2023). *Algorithm Discrimination and Stereotype Strengthening*. Paper presented at Moral Psychology of Artificial Intelligence Conference, University of Kent, Canterbury, UK.

Bigman, Y. E. & Gray, K. (February 2023). *Life and Death Decisions of Self-Driving Cars*. Paper Presented at the annual meeting of the Center for the Study of Rationality, Nazareth, Israel.

- Bigman, Y. E.** & Ferguson, M. (February, 2022). *Variance Beliefs Affects Impression Updating of Humans and Robots*. Paper to be presented at the social cognition pre-conference at the annual meeting of the Society for Personality and Social Psychology, Virtual.
- Bigman, Y. E.**, Wilson, D., Waytz, A., & Gray, K. (February, 2020). *Racism and Sexism by Computers Reduces Outrage*. Paper presented at the annual meeting of the Society for Personality and Social Psychology, New Orleans, Louisiana.
- Bigman, Y. E.**, Wilson, D., Waytz, A., & Gray, K. (October, 2019). *Racism and Sexism by Computers Reduces Outrage*. Paper presented at Technology, Mind and Society: An APA Conference, Washington, DC.
- Bigman, Y. E.**, & Gray, K. (February, 2019). *People are Averse to Machines Making Moral Decisions*. Paper presented at the annual meeting of the Society for Personality and Social Psychology, Portland, Oregon.
- Bigman, Y.E.**, Choshen-Hillel, S., & Gray, K. (August, 2018). *License to Kill*. Paper presented at the annual meeting of The Academy of Management, Chicago, Illinois.
- Bigman, Y. E.**, & Gray, K. (March, 2018) *Why People are Averse to Robots Making Moral Decisions? Agency Requires Mind*. Paper presented at the Developing Implicitly Ethical and Norm Competent Robots workshop, Rock Ethics Institutes, Pennsylvania State University, University Park, Pennsylvania.
- Bigman, Y. E.**, & Tamir M. (February, 2016). *The Morality of Effort*. Paper presented at the annual meeting of the Center for the Study of Rationality, Yerucham, Israel.
- Bigman, Y. E.**, & Tamir, M. (2015, December). *The Morality of Effort*. Paper presented at the Israeli conference for PhD students in social psychology, Tel-Aviv, Israel.
- Tamir, M. & **Bigman, Y. E.** (September 2015). *The Emotional Placebo Effect*. Paper presented at the annual conference of the Society of Experimental Social Psychology, Denver, Colorado.
- Bigman Y. E.**, & Tamir, M. (February 2015). *Emotion-Behavior Links as Self Fulfilling Prophecies*. Paper presented at the annual meeting of the Society for Personality and Social Psychology, Long Beach, California.
- Bigman, Y. E.**, Halevy, N., & Tamir M. (February, 2014). *Anger Preferences in Prisoner's Dilemma*. Paper Presented at the annual meeting of the Center for the Study of Rationality, Eilat, Israel.
- Bigman, Y. E.**, Sheppes, G., & Tamir, M. (2012, December). *Choice in Emotion Regulation Strategies*. Paper presented at the Israeli conference for PhD students in social psychology, Jerusalem, Israel.

POSTERS PRESENTED AT CONFERENCES

- Surdel, N., **Bigman, Y. E.**, Shen, X., Lee, W.-Y., Jung, M. F., & Ferguson, M. (February, 2023). *Judging robots' ability: Fast and Slow*. Social Cognition Preconference at the 24th annual Society for Personality and Social Psychology Convention, Atlanta, GA.
- Surdel, N., Shen, X., **Bigman, Y. E.** & Ferguson, M. (February, 2022). *How do Judge the Ability of a Robot? Forming and Updating Competence Impressions about Robots*. Poster presented at the social cognition pre-conference at the annual meeting of the Society for Personality and Social Psychology, Virtual.
- Bigman, Y. E.**, & Gray, K. (February, 2019). *License to Kill*. Poster presented at the Justice and Morality preconference at the annual meeting of the Society for Personality and Social Psychology, Portland, Oregon.
- Northover, S., Cohen, A. B., & **Bigman, Y. E.** (March, 2018). *Islamic Behavior Increases Perceived Trustworthiness Except When Jihadism is Salient*. Poster presented at the meeting of the Society for Personality and Social Psychology, Atlanta, Georgia.
- Bigman, Y. E.**, & Tamir M. (March, 2017). *The Morality of Effort*. Poster presented at the international conference of psychological science, Vienna, Austria.
- Bigman, Y. E.**, & Tamir M. (June, 2016). *The Morality of Effort*. Poster presented at the annual meeting of the Society for Philosophy and Psychology, Austin, Texas.
- Northover, S., **Bigman, Y. E.**, & Cohen, A. B. (2016, January). *Both Religious Believers and Nonbelievers Report Greater Trust in an Outgroup Religious Costly Signaler*. Poster presented at the meeting of the Society for Personality and Social Psychology, San Diego, California.
- Bigman Y. E.**, & Tamir, M. (August 2015). *Beyond Good and Evil – The Morality of Effort*. Poster presented at the conference on (Un)Consciousness: A Functional Perspective, Jerusalem, Israel.
- Bigman Y.E.**, & Tamir, M. (February 2015). *Beyond Good and Evil – The Morality of Effort*. Poster presented at the pre-conference on morality and justice, the annual meeting of the Society for Personality and Social Psychology, Long Beach, California.
- Bigman, Y. E.**, Sheppes, G., & Tamir, M. (2013, March). *Choice in Emotion Regulation Strategies*. Poster presented at Emotional, All Too Emotional: Neuroscience Views of Affect and Regulation in Humans, Tel-Aviv, Israel.

AWARDS AND SCHOLARSHIPS

2022	The Allon Fellowship for Outstanding Researchers, The Israeli Council for Higher Education
2018	The Alex Berger Prize for outstanding dissertation, The Hebrew University of Jerusalem.
2017	Travel grant from the Association for Psychological Science to the International Conference of Psychological Science, Vienna, Austria.
2014 – 2017	The Presidents' excellence scholarship for PhD students,

2012 – 2017	The Hebrew University of Jerusalem Doctoral scholarship of the Center for the Study of Rationality, The Hebrew University of Jerusalem
2013	Best Team Research Project Award, International Summer School in Affective Sciences, Geneva, Switzerland.
2012-2013	Dean's list of excellence, Faculty of Social Sciences, The Hebrew University of Jerusalem
2007-2010	Excellence scholarship of the “Amirim” Honors program in Humanities, The Hebrew University of Jerusalem

AD HOC REVIEWER

ISF (Israeli Science Foundation)
 Nature Communications
 Journal of Business Ethics
 Journal of Personality and Social Psychology
 Journal of Experimental Psychology: General
 Personality and Social Psychology Bulletin
 American Psychologist
 Emotion
 Technology Mind and Behavior
 Cognition and Emotion
 European Journal of Social Psychology
 Motivation and Emotion
 Basic and Applied Social Psychology
 Asian Journal of Social Psychology
 Computers in Human Behavior
 International Journal of Psychology
 Science and Engineering Ethics
 ACM/IEEE HRI

TEACHING EXPERIENCE

2023-present	Business Ethics
2022-present	Business Strategy
2015-2017	Teaching assistant, Creativity in organizations, Business School, The Hebrew University of Jerusalem.
2011-2017	Teaching assistant, Statistical methods in psychological research, Department of Psychology, The Hebrew University of Jerusalem.
2012-3, 2016	Teaching assistant, Negotiation, Department of Psychology, The Hebrew University of Jerusalem.
2014	Teaching assistant, Emotion, Department of Psychology, The Hebrew University of Jerusalem.

2012-2013 Teaching assistant, Research methods in business administration,
Business School, The Hebrew University of Jerusalem.

SELECTED MEDIA COVERAGE _____

Machine Morality (May 2020). *Endeavors*.

How morally egalitarian are we? (March, 2020). *Cosmos Magazine*.

Shut down of Google's Ethics Panel (April, 2019). *BBC*.

Skuldfrågan viktignär robotar dödar (April, 2019). *Dagens Nyheter*.

3 Ways That We Decide Who's a Good Person (November, 2017). *Psychology Today*.

Mühe und Moral (December, 2016). *Süddeutsche Zeitung*.