

ERIKA L. KIRGIOS

ekirgios@wharton.upenn.edu
3730 Walnut Street
527.4 Jon M. Huntsman Hall
Philadelphia, PA 19104

EDUCATION

The Wharton School, University of Pennsylvania Ph.D. Candidate in Operations, Information, and Decisions	Expected 2022
Princeton University B.A. in Computer Science, <i>summa cum laude</i> Minors in Neuroscience and Cognitive Science	2017

RESEARCH INTERESTS

Diversity, Discrimination, Prosocial Behavior, Behavior Change

PUBLICATIONS

Kirgios, E.L., Chang, E.H., Milkman, K.L. (2020). Going It Alone: Competition Increases the Attractiveness of Minority Status. *Organizational Behavior and Human Decision Processes* 161, 20-33.

Chang, E.H.*, **Kirgios, E.L.***, Rai, A., Milkman, K.L. (2020). The Isolated Choice Effect and Its Implications for Gender Diversity in Organizations. *Management Science*. *denotes equal authorship

WORKING PAPERS

Kirgios, E.L., Chang, E.H., Levine, E.E., Milkman, K.L., Kessler, J.B. Forgoing Earned Incentives to Signal Pure Motives. Invited for minor revision at *Proceedings of the National Academy of Sciences* on May 15, 2020.

Kirgios, E.L., Mandel, G., Park, Y., Milkman, K.L., Gromet, D., Kay, J., Duckworth, A.L. Teaching Temptation Bundling to Boost Exercise: A Field Experiment. Invited for revision and resubmission at *Organizational Behavior and Human Decision Processes* on May 1, 2020.

Chang, E.H., **Kirgios, E.L.**, Smith, R.K. Large-Scale Field Experiment Shows Null Effects of Team Diversity on Others Willingness to Support the Team. *Working paper*.

SELECTED RESEARCH IN PROGRESS

Rai, A., Chang, E.H., **Kirgios, E.L.**, Milkman, K.L. Group Size Influences Perceptions of Diversity and Likelihood of Hiring Women and Racial Minorities. *Manuscript in progress*

Chang, E.H., **Kirgios, E.L.** Diversity Washing: An Organizational Impression Management Strategy That Creates the Appearance of Diversity. *Manuscript in progress*

Kirgios, E.L., Rai, A., Chang, E.H., Milkman, K.L. The Role of Identity Signaling and Flattery in Advice Giving.

Kirgios, E.L., Silver, I.M., Chang, E.H. Diversity Goal Quantification: Prospective Employees Like Organizations with Diversity Goals, Unless the Goals are Specific.

Chang, E.H., **Kirgios, E.L.**, Meng, L. Gender, Race, Intersectionality, and Asking.

Kirgios, E.L., Rai, A., Chang, E.H., Milkman, K.L., Small, D.A. Pay-It-Forward or Help Others? Analyzing the Impact of Pay-It-Forward Messaging on Charitable Giving. (field experiment with 9k participants completed)

Chang, E.H.*, Rai, A.*, **Kirgios, E.L.**, Schaumberg, R.L. The Psychological Consequences of the Changing Nature of Work and Their Implications for Intergroup Relations. *denotes equal authorship

GRANTS

National Science Foundation Graduate Research Fellowship, 2017-2020

Judith William Bollinger Fellowship, 2020

Marketing Science Institute Research Grant, 2020

Wharton Doctoral Programs Travel Grant, 2019

The Russell Ackoff Doctoral Student Fellowship Award, Wharton Risk Center, 2018, 2019, 2020

AWARDS AND HONORS

Best Micro Paper Award, East Coast Doctoral Conference, 2019

Marjorie Weiler Prize for Excellence in Writing, 2018

Princeton Computer Science Senior Thesis Prize, 2017

U.S. Presidential Scholar, 2013

CONFERENCE PRESENTATIONS

Going It Alone: Competition Increases the Attractiveness of Minority Status. (Kirgios, Chang, & Milkman).

- Society for Personality and Social Psychology, New Orleans, LA, 2020
- Society for Judgment and Decision Making, Montreal, Canada, 2019
- Academy of Management Annual Meeting, Boston, MA, 2019
- International Association for Conflict Management Conference, Dublin, Ireland, 2019
- East Coast Doctoral Conference, New York, NY, 2019
- Society for Judgment and Decision Making, New Orleans, LA, 2018 (poster)
- Society for Personality and Social Psychology, Portland, OR, 2019 (poster)

The Isolated Choice Effect and Its Implications for Gender Diversity in Organizations. (Chang, Kirgios, Rai, & Milkman).

- Subjective Probability, Utility, and Decision Making Conference, Amsterdam, Netherlands, 2019
- Behavioral Science and Policy Association Annual Conference, New York, NY, 2019

Forgoing Earned Incentives to Signal Pure Motives. (Kirgios, Chang, Levine, Milkman, & Kessler).

- International Association for Conflict Management Conference, Virtual, 2020 (Scheduled)
- Society for Personality and Social Psychology Judgment and Decision Making Pre-Conference, New Orleans, LA, 2020
- Society for Judgment and Decision Making, Montreal, Canada, 2019 (Poster)

PROFESSIONAL SERVICE

Ad Hoc Reviewer for *Management Science*, 2018-Present

Co-Organizer of Women in Business Academia Conference, 2018, 2019

Co-Organizer of Interdisciplinary Doctoral Student Journal Club, 2019

Treasurer of Wharton Society for Advancement of Women in Business Academia, 2017-Present

PhD Social Chair of Operations, Information, Decisions Department, 2018-Present

TEACHING EXPERIENCE

Teaching Assistant for Negotiations (Undergraduate, Fall 2019)

Teaching Assistant for Managerial Decision Making (MBA, Spring 2019)

Undergraduate Advising: Judgment and Decision Making Research Immersion (Undergrad, Fall 2018)

APPENDIX: ABSTRACTS FROM PUBLISHED AND WORKING PAPERS

Kirgios, E.L., Chang, E.H., Milkman, K.L. Going It Alone: Competition Increases the Attractiveness of Minority Status. Forthcoming at *Organizational Behavior and Human Decision Processes*.

Past research demonstrates that people prefer to affiliate with others who resemble them demographically. However, we posit that the strength of this tendency toward homophily may be moderated by strategic considerations when competing for scarce opportunities. Across six experiments, we find that anticipated competition weakens peoples desire to join groups that include similar others. When expecting to compete against fellow group members, women are more willing to join all-male groups and Black participants are more willing to join all-White groups than in the absence of competition. We show that this effect is mediated both by a belief that being distinct will lead your performance to stand out and by a desire to compete against demographically dissimilar others. Our findings offer a new perspective to enrich past research on homophily, shedding light on the instances when minorities are more likely to join groups in which they will be underrepresented.

Chang, E.H., **Kirgios, E.L.**, Rai, A., Milkman, K.L. (2020). The Isolated Choice Effect and Its Implications for Gender Diversity in Organizations. *Management Science*.

We highlight a feature of personnel selection decisions that can influence the gender diversity of groups and teams. Specifically, we show that people are less likely to choose candidates whose gender would increase group diversity when making personnel selections in isolation (i.e., when they are responsible for selecting a single group member) than when making collections of choices (i.e., when they are responsible for selecting multiple group members). We call this the isolated choice effect. Across 6 preregistered experiments (n=3,509), we demonstrate that the isolated choice effect has important consequences for group diversity. When making sets of hiring and selection decisions (as opposed to making a single hire), people construct more gender-diverse groups. Mediation and moderation studies suggest that people do not attend as much to diversity when making isolated selection choices, which drives this effect.

Kirgios, E.L., Chang, E.H., Levine, E.E., Milkman, K.L., Kessler, J.B. Forgoing Earned Incentives to Signal Pure Motives. Invited for revision and resubmission at *Proceedings of the National Academy of Sciences* on February 19, 2020.

Policy makers, employers, and insurers often provide financial incentives to encourage citizens, employees, and customers to take actions that are good for them or for society (e.g., energy conservation, healthy living, safe driving). Though financial incentives are often effective at inducing good behavior, they have been shown to have self-image costs: those who receive incentives view their actions less positively due to the perceived incompatibility between financial incentives and intrinsic motives. We design and test a novel intervention that allows organizations and individuals to resolve this tension: we use financial rewards to kick-start good behavior and then offer individuals the opportunity to give up some or all of their earned financial rewards in order to boost their self-image. Two preregistered studies—an incentivized online experiment (N=454) on prosocial behavior and a large field experiment (N=17,968) on exercise—provide evidence that emphasizing the intrinsic rewards of a past action leads individuals to forgo or donate earned financial rewards. Our intervention allows individuals to retroactively signal that they acted for the right reason, recasting perceptions of

their motives and consequently improving their self-image. We call this psychological process motivation laundering. We provide the first evidence of motivation laundering and discuss its implications for the design of incentive systems and behavioral change.

Kirgios, E.L., Mandel, G., Park, Y., Milkman, K.L., Gromet, D., Kay, J., Duckworth, A.L. Teaching Temptation Bundling to Boost Exercise: A Field Experiment. Invited for revision and resubmission at *Organizational Behavior and Human Decision Processes* on May 1, 2020.

Temptation bundling pairing a pleasurable indulgence (e.g., watching TV) with a behavior that provides delayed rewards (e.g., exercise) can make the target behavior more instantly gratifying. In a field experiment, we assessed whether people benefit from self-imposing temptation bundling. Participants (N=2,334) in a four-week exercise-boosting program were randomly assigned to receive either an audiobook with encouragement to temptation bundle or only an audiobook. Additional participants (N=3,503) in a quasi-experimental control group received no audiobook. Giving people audiobooks led to 0.2 extra weekly gym visits during the program and in the month afterward, and an 8 percentage-point increase in the likelihood of a weekly workout in the month post-program. Encouraging temptation bundling produced an extra 2-3 percentage-point boost in the likelihood of weekly exercise during and post-intervention. A follow-up lab study suggested that even without explicit encouragement, participants may infer they should temptation bundle after getting an audiobook from their gym.