

PATRYCJA SLEBODA, Ph.D.

University of Southern California

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PERSONAL STATEMENT

My research leverages **decision psychology** and **behavioral science** to understand **health** and **environmental** behavior, so as to inform interventions for attitudes, risk perception and behavior. In my work I am focusing on the interaction of social and cognitive factors (e.g., individual differences in cognitive processing, risk perception) that impact health behaviors and sustainability. With a background in psychology, I am using quantitative research methods including lab experiments, field studies, and randomized control trials. My goal is to conduct cross-disciplinary research which 1) has real world applications for public and health policy and 2) has the potential to positively impact society promoting health and environmental equity 3) provides new insights on psychological processes of judgements and decision making.

PROFESSIONAL EXPERIENCE

- 2022- **Research Associate, University of Southern California, Los Angeles CA**
Schaeffer Center for Health Policy & Economics & Wrigley Institute for Environmental Studies
Advisors: Professor Wändi Bruine de Bruin & Professor Joe Arvai
Research: using decision psychology to promote environmental and health behaviors
- 2021-2022 **Postdoctoral Scientist, Cedars-Sinai, Samuel Oschin Comprehensive Cancer Institute, Los Angeles, CA**
Cancer Research Center for Health Equity
Advisor: Professor Geetanjali Datta
Research: using decision psychology to address cancer control and prevention
- 2020-2022 **Visiting Scholar, University of Southern California, Los Angeles CA**
Schaeffer Center for Health Policy & Economics.
Advisor: Professor Wändi Bruine de Bruin
Research: using decision psychology to promote environmental and health behaviors
- 2017-2019 **Postdoctoral Scientist, Swedish University of Agricultural Sciences, Uppsala, Sweden.**
Department of Economics, Decision-Making and Managerial Behavior
Advisor: Professor Carl Johan Lagerkvist
Research: using decision psychology to understand and change risk perceptions of food and medical technologies.
- 2017-2019 **Adjunct Faculty, SWPS University of Social Sciences and Humanities, Warsaw, Poland**
Department of Psychology, Institute of Economic Psychology,
Research: individual differences in judgment and decision-making.

EDUCATION

- 2013-2017 Ph.D. Psychology, SWPS University of Social Sciences and Humanities
Thesis: Rationality: Compensatory versus Noncompensatory Decision Strategies. Ph.D. received September 2017. Advisor: Professor Joanna Sokolowska
- 2013-2014 PhD Visiting Student, School of Psychology, Interdisciplinary Center (IDC) Herzliya, Israel.
Advisor: Professor Dan Zakay
- 2008-2012 M.A. Psychology, SWPS University of Social Sciences and Humanities
Thesis: Inverse Relation in Perception of Dangers and Benefits: Affect Heuristic or Cultural Theory of Risk. Advisor: Professor Joanna Sokolowska
- 2008-2012 B.A. Psychology, SWPS University of Social Sciences and Humanities. Advisor: Professor Joanna Sokolowska

GRANTS/AWARDS/Fellowship

2022	Susan and Philip Hagenah Endowed Post-Doctorate Fellowship. <u>Amount</u> : 6,000.
2023-2025	Under review (revised and resubmitted): NIH/NCI. Role: Principal Investigator. Developing a text-based intervention to strengthen healthy eating identities: Targeting English-, Spanish-, and Korean-speaking gynecologic cancer survivors. <u>Amount</u> : 100,000
2023-2025	Under review: Lloyd's Register Foundation. Role: Co- I. Disaster Preparedness - Improving Public Skills for Safety Around the World. Turning the 2021 World Risk Poll into Action. (PI: Wandí Bruine de Bruin).
2022-2023	Submitted: CREWHS, Cedars Sinai. Role: PI. Efficacy of personalized vs. non-personalized text-message based intervention on healthy behavior change among gynecological cancer patients. <u>Amount</u> : 50,000
2022-2023	AcademyHealth. Review paper "Behavioral Research Approaches to Studying Pre-hospital Diagnostic Delays", as part of the Gordon and Betty Moore Foundation's project entitled, "Epidemiology of Diagnostic Delay: Bolstering the Evidence Base". <u>Amount</u> : 12,000
2017-2018	BST, SWPS. Role: PI. Statistical Illiteracy - Information Representation or Expertise.
2016-2017	BST, SWPS. Role: PI. Rationality in Decision Making – Conflict and Decision Strategies.
2015-2016	BST, SWPS. Role: PI. Rationality in Decision Making – Conflict and Decision Strategies.
2013-2014	Polish National Science Foundation. Role: Co-I. Investment Decisions in Bull, Stagnant and Bear Markets (PI: Joanna Sokolowska).
2015-2017	Outstanding PhD Student, SWPS University of Social Sciences and Humanities.
2013-2014	Research Abroad Fellowship, Polish Ministry of Science and Higher Education.

TEACHING AND MENTORING EXPERIENCE

University of Southern California (2022 -) – mentoring PhD students

Summer Institute for the Undergraduate Research and Opportunities Workforce (U-GROW) Program -
California State Universities' graduates research intern mentor

UCLA and Cedars-Sinai High School Training Program (2022 -) – high school students research mentor
Biomedical Research Class, from Long Beach Polytechnic High School: mentoring students, including research methods, data analyses, literature review in cervical cancer prevention in vulnerable populations

Swedish University of Agricultural Sciences (2018) – MA theses supervisor

SWPS University of Social Sciences and Humanities (2015 - 2017) – Lecturer:

Seminar in Behavioral Economics (for MA) - Spring 2017

Psychology of Decision Making (for MA) - Spring 2015, 2016, 2017

Introduction to Economics Psychology (for MA) - Spring 2015, 2016, 2017

Entrepreneurship in the Face of Risk (for BA) - Fall and Spring 2015, 2016, 2017

PUBLICATIONS

Published: †student-led paper

1. **Sleboda, P.,** Bruine de Bruin W., Arangua, L., Gutsche, T. (2022). The role of Eating Identities in dietary behaviors and BMI in LA county sample. *Frontiers in Nutrition*. **(IF: 6.01)**
2. Bubolz, J. †, **Sleboda, P.,** Lehrman, A., Hansson, S.O., Lagerkvist, C.J., Andersson, Lenman, M., Resjö, S., Ghislain, M., Zahid, M.A., Kieu, N.P., Andreasson, E. (2022). GMO late blight resistant potato field trials in Sweden and consumer attitudes before and after field visit. *GM Crops and Food*. **(IF: 3.07)**
3. **Sleboda, P.,** Lagerkvist, C.J. (2022). Tailored Communication Changes Consumers' Attitudes and Product Preferences for Genetically Modified Food. *Journal of Food Quality and Preferences*. **(IF: 5.56)**
4. **Sleboda, P.,** Lagerkvist, C.J. (2021). The Inverse Relation Between Risks and Benefits: The Impact of Individual Differences in Thinking Styles. *Plos One*. **(IF: 3.24)**

5. **Sleboda, P.,** Sokolowska J. (2017). Measurements of Rationality: Individual Differences in Information Processing, Transitivity of Preferences and Decision Strategies. *Frontiers in Psychology*. (IF: 2.99)
6. Sokolowska J., **Sleboda, P.** (2015). The Inverse Relation between Risks and Benefits: The Role of Affect and Expertise. *Risk Analysis Journal*. (IF: 4.00)

Published (Polish):

7. **Sleboda, P.** (2019). Gerd Gigerenzer. Sylwetka. Decyzje.
8. Sokolowska, J., **Sleboda, P.** (2017). Zależność Odwrotna: Znaczenie aAektu i Wiedzy Eksperckiej. *Psychologia Społeczna*.
9. **Sleboda, P.** (2014). Sprawozdanie z 39 Konferencji IAREP (The International Association for Research in Economic Psychology) 8-13 lipca 2014 r., Paryż. Sprawozdanie z 39 Konferencji IAREP (The International Association for Research in Economic Psychology) 8-13 lipca 2014.

Submitted or Drafted Manuscripts: *equal first authorship; †student-led paper

1. Food, Mood, and Emotions: Loss of Control over Eating, Maladaptive Eating Behaviors and Emotions in an Experience Sampling Study. (**Sleboda, P.**, Sobolev, M., Muench, F., Salvy, S.J., Datta., G.) under review **Appetite**
2. Racial/Ethnic Variation in Cervical Cancer Screening Adherence Among Sexual and Gender Minorities (Lin, E. *, **Sleboda, P.***, Rimel B.J., Hernandez D.V., Datta G.D.) under review **Cancer Causes and Control**
3. Don't say vegan: Focusing on health and sustainability improves choices for food baskets without meat and dairy (**Sleboda, P.**, Bruine de Bruin W., Gutsche, T., Arvai, J.) targeted journal: **PNAS**
4. Associations of fear and anger with risk perceptions and preventive behaviors during the COVID-19 pandemic: May and December 2020 (**Sleboda, P.**, Bruine de Bruin W, Drummond Otten, C., Lutzke, L., Segrè-Cohen, A., Árvai, J.) targeted journal: **Health Psychology**
5. The role of fear, anger in hurricane risk perceptions and hurricane preparedness behavior: longitudinal study (**Sleboda, P.**, Bruine de Bruin W, Wong-Parodi, G., Relihan, D., Garfim, D.R.) targeted journal: **Environmental Science & Technology**
6. Food safety: trusted sources of information across the globe sample (**Sleboda, P.**, Bruine de Bruin W., Ulqinaku, A.) targeted journal: **Food Security**
7. Concerned, but am I engaged? Identifying predictors of climate action among Americans who perceive climate change to be a high risk (Conteh, Y.†, **Sleboda, P.**, Lutzke, L., Bruine de Bruin, W., John, R., Arvai, J.) target journal: **Climatic Change**
8. Acceptability of HPV Self-Sampling for Cervical Cancer Screening in the US: A Systematic Literature Review (Datta G.D., **Sleboda P.**, Yilmaz D., Lin E., Rimel B.J., Giuliano A.) targeted journal **Preventive Medicine**
9. Racial/Ethnic Variation in Breast and Colorectal Cancer Screening Adherence Among Sexual and Gender Minorities (Lin E., **Sleboda P.**, Rimel B.J., Datta G.D.) targeted journal: **Cancers**
10. Moral hazards? Public Perception of Carbon Dioxide Removal Technologies. (Lutzke L. †, **Sleboda, P.**, Arvai J.) target journal: **Journal of Behavioral Decision Making**
11. Anger and Fear in Risk Perception and Preventive Behaviors. The Appraisal-tendency Framework. (**Sleboda, P.**, Bruine de Bruin, W., Drummond Otten, C., Segrè Cohen, A., Arvai, J.) target journal: **Risk Analysis**
12. Impact of In-ground and Out-group norms in the United States during the COVID-19 pandemic and compliance with CDC guidelines. (Lutzke L. †, **Sleboda, P.**, Drummond Otten, C., Segrè Cohen, A., Arvai, J.) target journal: **Risk Analysis**
13. Obesity, Cancer, and Public Belief in Science Across the World. (**Sleboda, P.**, Bruine de Bruin W., Datta G.D.) targeted journal: **Social Science and Medicine**
14. Health Behavior and Sustainability: The Socio-cognitive Model. (**Sleboda, P.**) targeted journal: **Judgment and Decision Making**
15. Dishonesty in Food Value Chain: Experimental Evidence from India Dairy Farm (Rommel, J., Ghosh, R.K., Lagerkvist C.J., **Sleboda, P.**, Srigiri, S.R.) targeted journal: **Organizational Behavior and Human Decision Processes**

INVITED TALKS

1. Don't say vegan or plant-based: Focusing on health and sustainability improves choices for food baskets without meat and dairy (invitation by Kayla de la Haye; Catalina Island Food Systems ReTreat, Catalina Island, CA, USA), 2023.
2. Eating Identities and Dietary Behaviors (invitation by Kayla de la Haye; Catalina Island Food Systems ReTreat, Catalina Island, CA, USA), 2022.
3. The Inverse Relation Between Risks and Benefits: The Impact of Individual Differences in Thinking Styles (invitation by Daniel Västfjäll at Judgment, Emotion, Decision & Intuition (JEDI) Lab, Linköping University, Linköping, Sweden), 2022.
4. Decision-Making and Dual Process Theory: The Context of Medical Decisions (invitation by Bill Padula, Behavioral Science & Policy in Healthcare graduate level course at University of Southern California (USC) School of Pharmacy (2021)
5. Risk Literacy (invitation by Bill Padula, Behavioral Science & Policy in Healthcare graduate level course at University of Southern California (USC) School of Pharmacy (2021)
6. Measurements of rationality: individual differences in information processing, the transitivity of preferences and decision strategies (invitation by Wändi Bruine de Bruin at the Centre for Decision Research seminar, Leeds University Business School, UK), 2017.

CONFERENCE PRESENTATIONS AND POSTERS

Talks

1. Concerned, but am I engaged? Identifying predictors of climate action among Americans who perceive climate change to be a high risk (Society for Risk Analysis Annual Meeting, Tampa, Florida, USA), 2022.
2. Uncontrolled eating and daily emotions: evidence from an experience sampling study (International Society for Research on Emotion, Los Angeles, CA, USA), 2022.
3. Uncontrolled eating and daily mood: evidence from an experience sampling study (Society of Behavioral Medicine Annual Meeting, Baltimore, MD, USA), 2022.
4. The inverse relation between risks and benefits: the impact of individual differences in thinking styles (Subjective Probability, Utility and Decision Making Conference, Amsterdam, Netherlands), 2019.
5. Persuasive messages and attitude change towards genetically modified food (International Association for Research in Economic Psychology, London, UK), 2018.
6. Transitivity of preferences, individual differences in information processing and strategies applied for selection (Subjective Probability, Utility and Decision Making Conference, Haifa, Israel), 2017.
7. Transitivity of preferences, individual differences in information processing and strategies applied for selection (International Association for Research in Economic Psychology, Tel Aviv, Israel), 2017.
8. Rational decisions and strategy selection among multi-attributes options – in light of dual-process theories (International Association for Research in Economic Psychology, Wageningen, Netherlands), 2016.
9. Rationality – the impact of conflict and context on the decision strategy (Subjective Probability, Utility and Decision Making Conference, Budapest, Hungary), 2015.
10. Rationality: compensatory vs. non-compensatory decision strategies (International Association for Research in Economic Psychology, Sibiu, Romania), 2015.
11. Rationality, consistency and confidence in hard and trivial decisions (International Association for Research in Economic Psychology, Paris, France), 2014.
12. Affect and cognition in trivial and hard decisions (International Association for Research in Economic Psychology, Morrow, Georgia, USA), 2013.

Talks (Polish)

1. This is an important decision! The influence of choice consequences on rational decision and strategies applied for selection (Academic Association of Economic Psychology), 2017.
2. Dual process theories, rationality and decision-making strategies (Academic Association of Economic Psychology), 2016.
3. Rationality, task difficulty and decision strategies (Academic Association of Economic Psychology), 2015.
4. Conflict and Decision Strategies (SWPS University of Social Sciences and Humanities), 2014.

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5. Estimation of Global Warming Probabilities and Socio-economic Beliefs (SWPS University of Social Sciences and Humanities), 2013.
6. Perception of Risk and Benefit of manmade and natural hazards (Academic Association of Economic Psychology), 2012.

Posters

1. Racial/Ethnic Variation in Cervical Cancer Screening Adherence Among Sexual and Gender Minorities (LGBTQ+ Cancer Symposium, Cedars-Sinai, Los Angeles, CA, USA), 2022. Best Poster Award.
2. Acceptability of HPV Self-Sampling for Cervical Cancer Screening in the US: A Systematic Literature Review (Society for Epidemiologic Research, Chicago, IL, USA), 2022.
3. Persuasive messages and attitude change towards genetically modified food (Society for Judgment and Decision Making Conference, New Orleans, USA), 2018.
4. Transitivity of preferences, individual differences in information processing and strategies applied for selection (Society for Judgment and Decision Making Conference, Vancouver, Canada), 2017.
5. System 2 vs. transitivity of preferences. Rational decisions and strategy selection between multi-attributes options (Society for Judgment and Decision Making Conference, Boston, USA), 2016.
6. Rationality – the impact of conflict and context on the decision strategy” at Society for Judgement and Decision Making (Society for Judgment and Decision Making Conference, Chicago, USA), 2015.
7. Inverse relation in perception of dangers and benefits – Affect Heuristic of Cultural Theory of Risk? (International Association for Research in Economic Psychology, Wroclaw, Poland), 2012.

SKILLS

- Research methods, online survey design, psychological lab experiments,
- Data analysis (ANOVA, Regression, and Chi-Square, Cluster Analysis, mediations, moderations in PROCESS macro, CFA, EFA, IRT, multi-levels models) in SPSS and R
- Grant writing
- Journal publications
- Conference and workshop presentations
- Event organization
- 5 years’ experience in headhunting, including recruiting, hiring, and maintaining B2B and B2C relations

CURRENT PROFESSIONAL MEMBERSHIPS

Executive board member of the Behavioral Science Society at the University of Southern California (from 2020)

EADM - European Association for Decision Making (from 2015)

SJDM - Society for Judgment and Decision Making (from 2015)

IAREP - International Association for Research in Economic Psychology (from 2012)

SABE - Society for Advancement of Behavioral Economics (from 2013)

SRE – Society for Risk Analysis (from 2021)

SBM – Society of Behavioral Medicine (from 2022)

ISRE - International Society for Research on Emotion (from 2022)

SUMMER SCHOOLS AND WORKSHOPS

Summer Institute on Bounded Rationality (Max Planck Institute for Human Development in Berlin, 2017)

Decisions, Laws, and the Big Data Revolution (Technion - Israel Institute of Technology, 2017)

JDMx Meeting for Early-Career Researchers (Max Planck Institute for Collective Good in Bonn, 2017)

Bounded Rationality Winter School (TAPMI, Manipal, India, 2017)

EADM Judgement and Decision Making (University of Amsterdam, 2016)

JDMx Meeting for Early-Career Researchers (University of Basel, 2016)

REVIEWING

Risk Analysis (Ad-hoc reviewer)

Current Psychology (Ad-hoc reviewer)

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Leonard D. Schaeffer Center for Health Policy & Economics,
Wrigley Institute for Environmental Studies
University of Southern California, Los Angeles, CA.
Society for Consumer Psychology (conference papers reviewer)

For references please contact:

Wändi Bruine de Bruin, University of Southern California

Provost Professor of Public Policy, Psychology, and Behavioral Science
Sol Price School of Public Policy and Dornsife Department of Psychology
Director, Behavioral Science and WellBeing Policy Initiative
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Joe Arvai, University of Southern California

Dana and David Dornsife Chair, Wrigley Institute Director
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Geetanjali Datta, Cedars-Sinai

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Cancer Research Center for Health Equity, Samuel Oschin Cancer Institute
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