

**Wändi Bruine de Bruin**

University of Southern California  
VPD 512-D, 635 Downey Way, Los Angeles, CA 90089-3333  
wandibdb@usc.edu (email)  
Last updated: May 2021

**EDUCATION**

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1998 *Ph.D. Behavioral Decision Research and Psychology*, Carnegie Mellon University  
1997 *M.Sc. Behavioral Decision Research*, Carnegie Mellon University  
1993 *M.Sc. Cognitive Psychology*, Free University Amsterdam (The Netherlands)  
1989 *B.Sc. Psychology*, Free University Amsterdam (The Netherlands)

**RESEARCH INTERESTS**

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◆ Using insights from psychology and behavioral science to inform policy on health, climate change, and finance ◆ Psychology of risk ◆ Science of science communication ◆ Behavior change interventions ◆ Judgment and decision making ◆ Age differences in decision making and well-being

**ACADEMIC POSITIONS**

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*University of Southern California*

2020 - ... Provost Professor of Public Policy, Psychology, and Behavioral Science,  
Sol Price School of Public Policy and Department of Psychology  
Senior Fellow and Director of Behavioral Science, Schaeffer Center of Healty Policy and Economics  
Senior Fellow and Behavioral Decision Making Lead, National Center for Risk and Economic Analysis of Terror Events (CREATE)  
Center for Sustainability Solutions  
2014 – date Behavioral Scientist, Center for Economic and Social Research

*University of Leeds (UK)*

2020 – date Visiting Professor, Center for Decision Research, Leeds University Business School  
2012 - 2019 Professor of Behavioral Decision Making (awarded with University Leadership Chair) and Head of Decision Research Subject Group, Leeds University Business School  
2012 - 2019 Director, Center for Decision Research  
2016 - 2019 Deputy Director, Priestley International Center on Climate

*Carnegie Mellon University*

2014 - date Collaborating Professor, Department of Engineering & Public Policy  
2012 - 2014 Associate Professor, Department of Engineering & Public Policy  
2009 - 2012 Assistant Professor, Department of Engineering & Public Policy and Department of Social & Decision Sciences  
2002 - 2009 Research Faculty, Department of Social & Decision Sciences

*Eindhoven University of Technology (The Netherlands)*

1999 – 2002 Postdoctoral Research Fellow, Department of Human-Technology Interaction, Judgment and Decision Making Group

## EDITORIAL BOARDS AND CO-EDITORSHIPS

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- 2018 - date Editorial board, *Decision*.  
 2015 - 2021 Editorial board, *Medical Decision Making*.  
 2015 - date Editorial board, *Journal of Risk Research*.  
 2014 - date Editorial board, *Psychology & Aging*.  
 2013 - date Editorial board, *Journal of Experimental Psychology: Applied*.  
 2010 - date Editorial board, *Journal of Behavioral Decision Making*.  
 2005 - 2007 Editorial board, *Organizational Behavior and Human Decision Processes*.  
 2015 Co-editor, special issue of *Frontiers in Psychology* on decision-making competence  
 2015 Co-editor, special issue of *Current HIV Research* on improving communication of risk about sexually transmitted diseases.  
 2012 Co-editor, special issue of the *Journal of Behavioral Decision Making* on decision-making competence.

## ADDITIONAL ACADEMIC AND SERVICE ROLES

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- 2020 - date *National Academy of Sciences* committee on Respiratory Protection for the Public and Workers without Respiratory Protection Programs at their Workplaces  
 2020 - date Consultant, *European Central Bank*, inflation expectations survey.  
 2020 Consultant, *Save the Children*, COVID-19 parent and child survey recruitment ads.  
 2020 Consultant, *Behavioral Insights Team*, UK, aging and employment survey.  
 2020 - date Research committee, *USC Sol Price School of Public Policy*  
 2020 - date Equity, Diversity, Opportunity Task Force, *USC Sol Price School of Public Policy*  
 2020 - date Presidential Working Group on Sustainability's Research Committee, *USC*  
 2020 - date Presidential Working Group on Sustainability's Committee on Framework for Sustainability and DEI  
 2019 Scientific Committee, Annual Conference of the *International Association for Research in Economic Psychology (IAREP)* and *Society for the Advancement of Behavioral Economics (SABE)*, Dublin, Ireland.  
 2019 Opponent, *University of Oslo*, Department of Psychology, Sigrid Møyner PhD thesis, Norway.  
 2018 Opponent, *University of Wageningen*, Department of Economics, Anouk Griffioen PhD thesis, the Netherlands.  
 2012 - 2019 Adjunct Senior Researcher, *RAND Corporation*, US.  
 2016, 2018, 2019 Visiting Researcher, *Santa Fe Institute*, US.  
 2007 - 2009, 2013, 2019 Visiting Research Scholar, *Federal Reserve Bank New York*, US.  
 2020 Advisory team, *PanDefense*, an interdisciplinary network of world-class experts and professionals urgently engaged in pandemic response.  
 2018 - 2019 Peer review expert panel, *Lloyd's Register Foundation / Gallup World Survey* on the Public Understanding of Risk (conducted in 140 countries)  
 2017 - 2019 Advisory panel, ESRC-funded project on "Antimicrobial resistance as a social dilemma: Approaches to reducing broad-spectrum antibiotic use in acute medical patients internationally" *University of Leicester*, UK.  
 2016 Chair, *Society for Judgment and Decision Making* Committee organizing Tribute to Baruch Fischhoff at 2016 annual meeting, Boston MA, US.  
 2016 - 2018 *Psychonomic Society*, Communications Committee.

- 2016 Committee member, *University of North Carolina*, Department of Environmental Science and Engineering, Gillings School of Global Public Health, Chelsea Fizer MSc thesis, US.
- 2015 - 2016 Expert Consensus Panel on “The Science of Science Communication” *National Academy of Sciences*, Washington DC.
- 2015 – 2019 Executive committee, NSF-Funded Center of Climate and Energy Decision Making, Carnegie Mellon University, Pittsburgh PA.
- 2015 Opponent, *University of Groningen*, Department of Environmental Psychology, Danny Taufik PhD thesis, the Netherlands.
- 2014 - 2015 Expert Panel on “The Effectiveness of health risk communications” *Council of the Canadian Academies*, Ottawa, Canada.
- 2014 - 2019 Advisory board, NIH-funded Roybal Center for Decision Making to Improve Health and Financial Independence in Old Age, *University of Southern California*.
- 2014 - date Associate member, ESRC Center for Climate Change Economics and Policy, UK
- 2014 - 2017 Beattie Award Committee (Chair), *Society for Judgment and Decision Making*.
- 2014 - 2016 Program committee, Biennial *Behavioral Decision Research in Management* conference
- 2014 Program committee, Workshop on Subjective Expectations and Probabilities in Economics and Psychology, *University of Essex Institute for Social and Economic Research (ISER)*.
- 2014 Opponent, *University of Calgary* Institute for Sustainable Energy, Environment and Economy, Ashly Mercer PhD thesis, Canada.
- 2014 Opponent, *University of Stockholm* Department of Psychology, Gabriella Eriksson PhD thesis, Sweden.
- 2013 - 2019 Scientific Advisory Panel, *Association of Business Schools (ABS) International Guide to Academic Journal Quality*
- 2013 - 2017 Scientific and Technical Council, *International Risk Governance Council*
- 2012 - date Advisory board, RiskLiteracy.org.
- 2009, 2015 Visiting Research Scholar, *Dutch Central Bank*, Amsterdam, Netherlands.
- 2009 - 2012 Program committee, *Society for Judgment and Decision Making*.
- 2009 *U.S. Environmental Protection Agency* Science Advisory Board, Review Panel on Expert Elicitation.
- 2007 - 2009 Committee for Women in JDM, *Society for Judgment and Decision Making*.
- 2006 Expert panel on non-pharmacologic interventions for pandemic influenza, Department of Health and Human Services/RAND Washington DC.
- 2005 Expert panel on pandemic influenza. *Seva Foundation*, San Francisco CA.
- 2001 - 2012 Student poster judge, *Society for Judgment and Decision Making*.

**PEER-REVIEWED PUBLICATIONS (TOTAL: 135; GOOGLE SCHOLAR H-INDEX: 50)**

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**2021 or in press**

1. Bruine de Bruin, W. (2021). Age differences in COVID-19 risk perceptions and mental health: Evidence from a national US survey conducted in March 2020. *Journal of Gerontology Series B: Psychological Sciences*, 76, e24-e29.
2. Bruine de Bruin, W., Carman, K.G., & Parker, A.M. (2021). Mental associations with COVID-19 and how they relate to self-reported protective behaviors: A national survey in the United States. *Social Science and Medicine*, 275, 1-6.
3. Bruine de Bruin, W., & Ulqinaku, A. (in press). Effect of mortality salience on charitable donations: Evidence from a national sample. *Psychology and Aging*.
4. Galesic, M, Bruine de Bruin, W., Dalege, J., Feld, S., Kreuter, F., Olsson, H., Prelec, D., Stein, D.L., & van der Does, T. (provisionally accepted.) Human social sensing is an untapped resource for social sciences. *Nature*.
5. Kause, A., Bruine de Bruin, W., Domingos, S., Mittal, N., Lowe J., & Fung, F. (2021). Communications about uncertainty in scientific climate-related findings: a qualitative systematic review. *Environmental Research Letters*.
6. Loibl, C., Bruine de Bruin, W., et al. (in press). Worry about debt is related to social loneliness in older adults in the Netherlands. *Ageing and Society*.
7. Perry, M., Buerke, M., Szücs, A., Allen, T.A., Bruine de Bruin, W., Szanto, K., Dombrowski, A.Y. (2021). A lifetime of challenges: real-life decision outcomes in early- and late-onset suicide attempters. *Journal of Affective Disorders Reports*, 4, 1-8.
8. Van der Wal, C.N, Robinson, M.A., Bruine de Bruin, W. & Gwynne, S. (2021). Evacuation behaviors and emergency communications: An analysis of real-world incident videos. *Safety Science*, 136, 1-8.

**2020**

9. Bruine de Bruin, W., & Bennett, D. (2020). Relationships between initial COVID-19 risk perceptions and protective health behaviors: A national survey. *American Journal of Preventive Medicine*, 59, 157-167.
10. Bruine de Bruin, W., Galesic, M., Parker, A.M., & Vardavas, R. (2020). The role of social circle perceptions in 'false consensus' about population statistics: Evidence from a national flu survey. *Medical Decision Making*, 40, 235-241.
11. Bruine de Bruin, W., Parker, A.M., & Fischhoff, B. (2020). Decision-making competence: More than intelligence? *Current Directions in Psychological Science*, 29, 186-192.
12. Bruine de Bruin, W., Parker, A.M., & Strough, J. (2020). Age differences in reported social networks and well-being. *Psychology and Aging*, 35, 159-168.
13. Bruine de Bruin, W., Saw, H.T., & Goldman, D.P. (2020). Political polarization in US residents' COVID-19 risk perceptions, policy preferences, and protective behaviors. *Journal of Risk and Uncertainty*, 61, 177-194.
14. Ciancio, A., Kämpfen, F., Kohler, I.V., Bennett, D., & Bruine de Bruin, W., Darling, J., Kapteyn, A., Maurer, J., & Kohler, H.P. (2020). Know Your Epidemic, Know Your Response: Early Perceptions of COVID-19 in the United States. *PLOS One*, 15, 1-11.

15. Del Missier, F., Galfano, G., Venerus, E., Ferrara, D., Bruine de Bruin, W., & Penolazzia, B. (2020). Decision-making competence in schizophrenia. *Schizophrenia Research*, *215*, 457-459.
16. Del Missier, F., Hansson, P., Parker, A.M., Bruine de Bruin, W. & Mäntylä, T. (2020). Decision-making competence in older adults: A rosy view from a longitudinal investigation. *Psychology and Aging*, *35*, 553-564.
17. Harcourt, R., Bruine de Bruin, W., Dessai, S., & Taylor, A. (2020). What adaptation stories are UK newspapers telling? A narrative analysis. *Environmental Communications*, *14*, 1061-1078.  
**(Article featured in Nature Climate Change column [Richler, 2020])**
18. Kämpfen, F., Kohler, I.V., Ciancio, A., Bruine de Bruin, W., Maurer, J., & Kohler, H.P. (2020). Predictors of mental health during the Covid-19 pandemic in the US: role of economic concerns, health worries and social distancing. *PLOS One*, *15*, 1-13.
19. Kapteyn, A., Angrisani, M., Bennett, D., Bruine de Bruin, W., Darling, J., Gutsche, T., Liu, Y., Meijer, E., Perez-Arce, F., Schaner, S., Thomas, K., & Weerman, B. [The CESR COVID-19 Task Force] (2020). Tracking the Effect of the COVID-19 Pandemic on the Lives of American Households. *Survey Research Methods*, *14*, 179-186.
20. Kause, A., Bruine de Bruin, W., Fung, F., Taylor, A., & Lowe, J. (2020). Visualizations of projected rainfall change in the United Kingdom: An interview study about user perceptions. *Sustainability*, *12*, 1-21.
21. Lamy, J., Azevedo, I., Morgan, M.G., & Bruine de Bruin, W. (2020). Keep wind projects close? A case study of distance, culture, and cost in offshore and onshore wind energy siting. *Energy Research & Social Science*, *63*, 101377.
22. Okan, Y., Stone, E.R., Parillo, J., Bruine de Bruin, W., & Parker, A.M. (2020). Probability size matters: The effect of foreground-only vs. foreground+background graphs on risk aversion diminishes with larger probabilities. *Risk Analysis*, *40*, 771-788.
23. Strough, J., & Bruine de Bruin, W. (2020). Decision making across adulthood. *Annual Review of Developmental Psychology*, *2*, 345-363.

## 2019

24. Bruine de Bruin, W. & Morgan, M.G. (2019). Reflections on an interdisciplinary collaboration to inform public understanding of climate change, mitigation, and impacts. *PNAS*, *116*, 7676-7683.
25. Bruine de Bruin, W., Parker, A.M., Galesic, M., & Vardavas, R. (2019). Reports of social circles' and own vaccination behavior: A national longitudinal survey. *Health Psychology*, *38*, 975-983.
26. Chin, A., & Bruine de Bruin, W. (2019). Helping consumers to evaluate annual percentage rates (APR) on credit cards. *Journal of Experimental Psychology: Applied*, *25*, 77-87  
**(Awarded with American Psychological Association's Article Spotlight)**
27. Eberhardt, W., Bruine de Bruin, W., & Strough, J. (2019). Age differences in financial decision making: The benefits of more experience and less negative emotions. *Journal of Behavioral Decision Making*, *32*, 79-93.

28. Harcourt, R., Bruine de Bruin, W., Dessai, S., & Taylor, A. (2019). Investing in a good pair of wellies: How do non-experts interpret the expert terminology of climate change impacts and adaptation? *Climatic Change*, *155*, 257-272.
29. Kause, A., Bruine de Bruin, W., Millward-Hopkins, J., & Olsson, H. (2019). Public perceptions of how to reduce carbon footprints of consumer food choices. *Environmental Research Letters*, *14*, 1-9.
30. Lesic, V., Glasgo, B., Azevedo, I.L., Krishnamurti, T., & Bruine de Bruin, W. (2019). Comparing consumer perceptions of appliances' electricity use to appliances' actual direct-metered consumption. *Environmental Research Communications*, *1*, 1-8.
31. Loibl, C., Summers, B., McNair, S., & Bruine de Bruin, W. (2019). Pension Freedom Day in the United Kingdom: Early evaluation of consumer response. *International Journal of Consumer Studies*, *43*, 35-45.
32. McNair, S., Okan, Y., Hadjichristidis, K., & Bruine de Bruin, W. (2019). Age differences in moral judgment: Older adults are more deontological than younger adults. *Journal of Behavioral Decision Making*, *32*, 47-60.

**(Top 10% most downloaded papers at the Journal of Behavioral Decision Making 2018-2019)**

33. Okan, Y., Petrova, D., Smith, S.G., Lesic, V., & Bruine de Bruin, W. (2019). How do women interpret the NHS information leaflet about cervical cancer screening? *Medical Decision Making*, *39*, 738-754.
34. Okan, Y., Smith, S.G., & Bruine de Bruin, W. (2019). How is cervical cancer screening information communicated in UK websites? A cross-sectional analysis of content and quantitative presentation formats. *British Medical Journal – Open*, *9*, 1-9.
35. Rosi, A., Bruine de Bruin, W., Del Missier, F., Cavallini, E., & Russo, R. (2019). Decision-making competence in older and younger adults: Which cognitive abilities contribute to the application of decision rules? *Aging, Neuropsychology and Cognition*, *26*, 174-189.
36. Stillo, F., Bruine de Bruin, W., Zimmer, C., & Gibson, J.M. (2019). Well water testing in African-American communities without municipal infrastructure: Beliefs driving decisions. *Science of the Total Environment*, *686*, 1220-1228.
37. Strough, J., Bruine de Bruin, W., & Parker, A.M. (2019). Taking the biggest first: Age differences in preferences for monetary and hedonic sequences. *The Journal of Gerontology Series B: Psychological Sciences and Social Sciences*, *74*, 964-974.
38. Strough, J., Parker, A.M., & Bruine de Bruin, W. (2019). Restricting future time perspective reduces failure to act after a missed opportunity. *Psychology and Aging*, *34*, 311-316.
39. Taylor, A.L., Dessai, S., & Bruine de Bruin, W. (2019). Public priorities and expectations of climate change impacts in the United Kingdom. *Journal of Risk Research*, *22*, 150-160.

**2018**

40. Bruine de Bruin, W., & Carman, K.G. (2018). Measuring subjective probabilities: The effect of response mode on the use of focal responses, validity, and respondents' evaluations. *Risk Analysis*, *38*, 2128-2143.
41. Bruine de Bruin, W., van Putten, M., van Emden, R., & Strough, J. (2018). Age differences in emotional responses to monetary losses and gains. *Psychology and Aging*, *33*, 413-418.

42. Chin, A., & Bruine de Bruin, W. (2018). Eliciting stock market expectations: The effects of question wording on survey experience and response validity. *Journal of Behavioral Finance, 1*, 101-110.  
**(Top downloaded paper on SSRN over 60 days in Public Policy & Consumer Behavior and in Economic Psychology & Economic Analysis of Consumer Behavior; Top ten downloaded paper on SSRN over 60 days in Behavioral Marketing)**
43. Creutzig, F., Roy, J., Lamb, W.F., Azevedo, I.M.L., Bruine de Bruin, W., Dalkmann, W., Edelenbosch, O.Y., Geels, F.W., Grübler, A., Hepburn, C., Hertwich, E., Khosla, R., Mattauch, L., Minx, J.C., Ramakrishnan, A., Rao, N., Steinberger, J., Tavoni, M., Ürge-Vorsatz, D., Weber, E.U. (2018). Towards demand-side solutions for mitigating climate change. *Nature: Climate Change, 4*, 268-271.
44. Downs, J. S., Ashcraft, A. M., Murray, P. J., Berlan, E. D., Bruine de Bruin, W., Eichner, J., Fischhoff, B., Leary, J. A., McCall, R. B., Miller, E., Salaway, J., Smith-Jones, J., & Sucato, G. S. (2018). Video intervention to increase perceived self-efficacy for condom use in a randomized controlled trial of female adolescents. *Journal of Pediatric & Adolescent Gynecology, 31*, 291-298.
45. Dryden, R., Morgan, M.G., Bostrom, A., & Bruine de Bruin, W. (2018). Public perceptions of how long air pollution and carbon dioxide remain in the atmosphere. *Risk Analysis, 38*, 525-534.
46. Fizer, C., Bruine de Bruin, W., Stillo, F., & MacDonald Gibson, J. (2018). Barriers to managing private wells and septic systems in underserved communities: Mental models of homeowner decision making. *Journal of Environmental Health, 81*, 8-15.
47. Galesic, M., Bruine de Bruin, W., Dumas, M., Kapteyn, A., Darling, J.E., & Meijer, E. (2018). Asking about social circles improves election predictions. *Nature: Human Behaviour, 2*, 187-193.
48. Lesic, V., Bruine de Bruin, W., Davis, M.C., Krishnamurti, T., & Azevedo, I.M.L. (2018). Consumers' perceptions of energy use and energy savings: A literature review. *Environmental Research Letters, 13*, 1-13.
49. Okan, Y., Stone, E.R., & Bruine de Bruin, W. (2018). Designing graphs that promote both risk understanding and behavior change. *Risk Analysis, 38*, 929-946.
50. Parker, A.M., Bruine de Bruin, W., Fischhoff, B., & Weller, J. (2018). Robustness of Adult Decision-Making Competence: Evidence from two measures and an 11-year longitudinal study. *Journal of Behavioral Decision Making, 31*, 380-391.

## 2017

51. Bruine de Bruin, W., & Fischhoff, B. (2017). Eliciting probabilistic expectations: Collaborations between psychologists and economists. *PNAS, 114*, 3297–3304.
52. Bruine de Bruin, W., van der Klaauw, W., van Rooij, M., Teppa, F., & de Vos, K. (2017). Measuring expectations of inflation: Effects of survey mode, wording, and opportunities to revise. *Journal of Economic Psychology, 59*, 45-58.
53. Bruine de Bruin, W., Wallin, A., Parker, A.M., Strough, J. & Hanmer, J. (2017). Effects of anti- vs. pro-vaccine narratives on responses by recipients varying in numeracy: A cross-sectional survey-based experiment. *Medical Decision Making, 37*, 860-870.

54. Canfield, C., Bruine de Bruin, W., & Wong-Parodi, G. (2017). Perceptions of electricity-use communications: effects of information, format, and individual differences. *Journal of Risk Research*, 20, 1132-1153.
55. Chin, A., & Bruine de Bruin, W. (2017). Understanding the formation of consumers' stock market expectations. *Journal of Consumer Affairs*, 51, 200-210.
56. Del Missier, F., Hansson, P., Parker, A.M., Bruine de Bruin, W., Nilsson, L.G., & Mäntylä, T (2017). Unraveling the aging skein: Disentangling the effects of sensory and cognitive predictors on decision making. *Journal of Behavioral Decision Making*, 30, 123-139.
57. Lamy, J., Bruine de Bruin, W., Azevedo, I., & Morgan, M.G. (2017). Perceptions of wind energy projects in two coastal communities. *The Electricity Journal*, 30, 31-42.
58. Stone, E.R., Bruine de Bruin, W., Rogers, A.M., Boker, E.M., & Gibson, J.M. (2017). Designing graphs to communicate risks: Understanding how the choice of graphical format influences decision making. *Risk Analysis*, 4, 612-628.
59. Wong-Parodi, G., & Bruine de Bruin, W. (2017). Informing public perceptions about climate change: A 'mental models' approach. *Science and Engineering Ethics*, 23, 1369-1153.

## 2016

60. Bruine de Bruin, W., Dombrovski, A.Y., Parker, A.M., Szanto, K. (2016). Late life depression, suicidal ideation, and attempted suicide: The role of individual differences in maximizing, regret, and negative decision outcomes. *Journal of Behavioral Decision Making*, 29, 363-371.
61. Bruine de Bruin, W., Lefevre, C.E., Taylor, A.L., Dessai, S., Fischhoff, B., & Kovats, S. (2016). Promoting protection against a threat that evokes positive affect: The case of heatwaves in the U.K. *Journal of Experimental Psychology: Applied*, 22, 261-271.
62. Bruine de Bruin, W., Parker, A.M., & Strough, J. (2016). Choosing to be happy? Age differences in 'maximizing' decision strategies and experienced emotional well-being. *Psychology and Aging*, 31, 295-300.
63. McNair, S., Summers, B., Bruine de Bruin, W., & Ranyard, R. (2016). Individual-level factors predicting consumer financial behavior at a time of high pressure. *Personality and Individual Differences*, 99, 211-216.
64. Strough, J., Bruine de Bruin, W., Parker, A.M., Karns, T., Lemaster, P., Pichayayothin, N., Delaney, R., & Stoiko, R. (2016). What were they thinking? Reducing sunk-cost bias in a life-span sample. *Psychology and Aging*, 31, 724-736.
65. Strough, J., Bruine de Bruin, W., Parker, A.M., Lemaster, P., Pichayayothin, N., & Delaney, R. (2016). Hour glass half-full or half-empty? Future time perspective and preoccupation with negative events across the life span. *Psychology and Aging*, 31, 558-573

## 2015

66. Armantier, O., Bruine de Bruin, W., Topa, G., van der Klaauw, W., Zafar, B. (2015). Inflation expectations and behavior: Do survey respondents act on their beliefs? *International Economic Review*, 56, 505-536.
67. Bruine de Bruin, W., McNair, S., Taylor, A.L., Summers, B., & Strough, J. (2015). 'Thinking about numbers is not my idea of fun': Need for cognition mediates age differences in numeracy performance. *Medical Decision Making*. 35, 22-26.

68. Delaney, R., Strough, J., Bruine de Bruin, W., & Parker, A. (2015). Variations in decision-making profiles by age and gender: A cluster-analytic approach. *Personality and Individual Differences*, 85, 19-24.
69. Downs, J.S., Bruine de Bruin, W., Fischhoff, B., & Murray, P.J. (2015). Behavioral decision research intervention reduces risky sexual behavior. *Current HIV Research*, 13, 439-446.
70. Khare, S., Hajat, S., Kovats, S., Lefevre, C., Bruine de Bruin, W., Dessai, S., & Bone, A. (2015). Heat protection behaviour in the UK: results of an online survey after the 2013 heatwave. *BMC Public Health*, 15, 1-12.
71. Lefevre, C.E., Bruine de Bruin, W., Taylor, A.L., Dessai, S., Kovats, S., & Fischhoff, B. (2015). Heat protection behaviors and positive affect about heat during the 2013 heat wave in the United Kingdom. *Social Science & Medicine*, 128, 282-289.
72. Parker, A.M., Bruine de Bruin, W., & Fischhoff, B. (2015). Negative decision outcomes are more common among people with lower decision-making competence: An item-level analysis of the Decision Outcome Inventory (DOI). *Frontiers in Psychology*, 6, 1-7.
73. Schwartz, D., Bruine de Bruin, W., Fischhoff, B., & Lave, L. (2015). Advertising energy saving programs: The potential environmental cost of emphasizing monetary savings. *Journal of Experimental Psychology: Applied*, 21, 158-166.
74. Strough, J., Bruine de Bruin, W., & Peters, E. (2015). New perspectives on motivating better decisions in older adults. *Frontiers in Psychology*, 6, 1-10.
75. Szanto, K., Bruine de Bruin, W., Parker, A.M., Hallquist, M.N., Vanyukov, P.M., & Dombrovski, A.Y. (2015). Decision-making competence and attempted suicide. *Journal of Clinical Psychiatry*, 76, 1590-1597.
76. Taylor, A.L., Dessai, S., & Bruine de Bruin, W. (2015). Communicating uncertainty in seasonal and interannual climate forecasts in Europe. *Philosophical Transactions A*, 2055, 1-16.

## 2014

77. Bruine de Bruin, W., Strough, J., & Parker, A.M. (2014). Getting older isn't all that bad: Better decisions and coping when facing 'sunk costs.' *Psychology and Aging*, 29, 642-647.
78. Bruine de Bruin, W., & Wong-Parodi, G. (2014). The role of initial affective impressions in responses to educational communications: The case of carbon capture and sequestration (CCS). *Journal of Experimental Psychology: Applied*, 20, 126-135.
79. Bruine de Bruin, W., Wong-Parodi, G., & Morgan, M.G. (2014). Public perceptions of local flood risk and the role of climate change. *Environment, Systems, and Decisions*, 34, 591-599.
80. Mayer, L.A., Bruine de Bruin, W., & Morgan M.G. (2014). Informed public choices for low-carbon electricity portfolios using a computer tool. *Environmental Science & Technology*, 48, 3640-3648.
81. Min, J., Azevedo, I.L., Michalek, J., & Bruine de Bruin, W. (2014). Labeling energy costs on light bulbs lowers implicit discount rates. *Ecological Economics*, 97, 42-50.
82. Taylor, A.L., Bruine de Bruin, W., & Dessai, S. (2014). Climate change beliefs and perceptions of weather-related changes in the United Kingdom. *Risk Analysis*, 34, 1995-2004.  
(10<sup>th</sup> most accessed paper at journal website in 2015)

83. Taylor, A.L., Dessai, S., & Bruine de Bruin, W. (2014). Public perception of climate risk and adaptation in the UK: A review of the literature. *Climate Risk Management*, 4-5, 1-16.

## 2013

84. Armantier, O., Bruine de Bruin, W., Potter, S., Topa, G., van der Klaauw, W., & Zafar, B. (2013). Measuring inflation expectations. *Annual Review of Economics*, 5, 273-301.
85. Bruine de Bruin, W., & Bostrom, A. (2013). Assessing what to address in science communication. *PNAS*, 110, 14062-14068.
86. Bruine de Bruin, W., Stone, E.R., Gibson, J.M., Fischbeck, P.F., & Shoraka, M.B. (2013). The effect of communication design and recipients' numeracy on responses to UXO risk. *Journal of Risk Research*, 16, 981-1004.
87. Davis, A.L., Krishnamurti, T., Fischhoff, B., & Bruine de Bruin, W. (2013). Setting a standard for electricity pilot studies. *Energy Policy*, 62, 401-409.
88. Del Missier, F., Mäntylä, T., Hansson, P., Bruine de Bruin, W., & Parker, A.M. (2013). The multifold relationship between memory and decision making: An individual differences study. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 39, 1344-1364.
89. Gibson, J., Rowe, A., Stone, E., & Bruine de Bruin, W. (2013). Communicating quantitative information about unexploded ordnance risk to the public. *Environmental Science & Technology*, 47, 4004-4013.
90. Stone, E.R., Choi, Y.S., Bruine de Bruin, W., & Mandel, D.R. (2013). I can take the risk, but you should be safe: Self-other differences in situations involving physical safety. *Judgment and Decision Making*, 8, 250-267.
91. Wong-Parodi, G., Bruine de Bruin, W., & Canfield, C. (2013). Effects of simplifying outreach materials for energy conservation programs that target low-income consumers. *Energy Policy*, 62, 1157-1164.

## 2012

92. Bruine de Bruin, W. & Carman, K.G. (2012). Measuring risk perceptions: What does the excessive use of 50% mean? *Medical Decision Making*, 32, 232-236.
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### 2003

70. Keren, G. & Bruine de Bruin, W. (2003). On the assessment of decision quality: Considerations regarding utility, conflict, and accountability. [Book chapter]. In: Hardman, D. & Macchi, L. (Eds.). *Thinking: Psychological Perspectives on Reasoning, Judgment and Decision Making*. New York, NY: Wiley, p. 347-363.

## **INDIVIDUAL-DIFFERENCES MEASURES OF DECISION MAKING**

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*Adult Decision-Making Competence*. Validated measure of decision abilities. With Andrew Parker and Baruch Fischhoff. <http://www.sjdm.org/dmidi/Adult - Decision Making Competence.html>

*Decision Outcome Inventory*. Measure of negative life decision outcomes. With Andrew Parker and Baruch Fischhoff. <http://www.sjdm.org/dmidi/Decision Outcome Inventory.html>

## **INTERVENTIONS**

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*Time to test your well!* Mail intervention to promote well water testing in North Carolina. With Jacqueline MacDonald Gibson, Frank Stillo, and Erica Wood.

*Money Worries and How to Beat Them*. Intervention to reduce financial distress. With Simon McNair, and Citizens Advice Bureaus of Leeds and Bradford.

*Making Decisions about Energy Transition: Options for low- and no-carbon electric power generation technologies.* Computer tool for selecting low-carbon electricity generation options. With Lauren Fleishman and Granger Morgan. <http://cedmcenter.org/tools-for-cedm/informing-the-public-about-low-carbon-technologies/>

*What Could You Do?* (Re-filmed as *Seventeen Days*). Interactive DVD targeting sexually active female adolescents. With Julie Downs, Claire Palmgren, Baruch Fischhoff, Pamela J. Murray, and Joyce Penrose. <http://home.socio.com/passt19.php>

*AIDS Puzzle* Brochures targeting teens. With Baruch Fischhoff, Julie S. Downs, and Claire R. Palmgren. Available upon request.

## **EXAMPLES OF WORK IN PROGRESS**

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### *COVID-19 risk perceptions*

I am on the team at USC's Center for Economics and Social Research that launched a national COVID-19 tracking survey. We have been tracking US residents' experiences with COVID-19, risk perceptions, protective behaviors, mental health, food insecurity, and job loss as the crisis develops. Since March 2020, I have co-authored 8 papers on this topic, including on people's initial risk perceptions and associations with behavior (Bruine de Bruin & Bennett, *American Journal of Preventive Medicine*, 2020), age differences in risk perceptions and mental health (Bruine de Bruin, *Journal of Gerontology: Psychological Sciences*, 2020), and political polarization in risk perceptions, policy preferences and protective behaviors (Bruine de Bruin et al., *Journal of Risk and Uncertainty*, 2020). A collaboration with the LA City Council focuses on food insecurity during the COVID-19 crisis. Data collection has been funded by the *Gates Foundation* and *National Science Foundation*. I serve on a *National Academy of Sciences* panel (2020) on mask use and respiratory health.

### *Developing effective risk communication*

My research uses insights from psychology and behavioral science to understand how people perceive risk, and how communications and interventions can inform decisions about risk. One of my first interventions involved a sex education program that was one of the few to reduce sexually transmitted infections and change behavior, as recognized by an Analytica review commissioned by the US Department of Health and Human Services (e.g., Downs, Bruine de Bruin et al., *Social Science and Medicine*, 2004). I have also applied the methodology to understanding and informing public perceptions and preparedness for a wide variety of risks. I served on expert panels convened by the US *National Academy of Sciences* (2016) and the *Council of the Canadian Academies* (2015) to set the research agenda for developing more effective health and science communications.

### *Individual differences in decision-making competence across the lifespan.*

With initial funding from the *National Science Foundation*, this project involved the development and validation of a comprehensive measure of Adult Decision-Making Competence (A-DMC), which used well-known judgment and decision-making tasks. I received funding from the *European Union* to examine the cognitive, experiential, emotional, and motivational mechanisms underlying changes in decision-making competence across the adult lifespan, as well as relationships with well-being, life events, and health. The measure has been added to *RAND's American Life Panel* and the *University of Southern California's Understanding America Study*. It has been translated in multiple languages and has been used to evaluate interventions aiming to teach better decision making to people of all ages. A recent paper in *Current Directions of Psychological Science* (2020) provides an overview of our work and the work our measure has inspired.

*Expectations for significant life events, the economy, and elections*

Probabilistic expectations are central to consumers' decisions about significant life events pertaining to for example health, retirement and the economy. This line of research focuses on how people form their expectations, and how to best design surveys to assess these probabilistic expectations. I have conducted this work on national surveys including *the University of Michigan's Health and Retirement Study*, *RAND's American Life Panel*, and *the Longitudinal Studies for the Social Sciences*. My findings have informed the design of the Expectations Module on the *National Longitudinal Study of Youth 1997*, and the *Federal Reserve Bank of New York's Survey of Consumer Expectations*. This research was recently summarized in the *PNAS* (Bruine de Bruin & Fischhoff, 2019). My research also shows that people's expectations about others' behaviors can improve predictions of election outcomes as well as vaccination behavior (see 2019 publications in *Nature Human Behaviour* and *Health Psychology*)

**PEER-REVIEWED PRESENTATIONS AT SCIENTIFIC MEETINGS (TOTAL: 65)**

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| July 2021     | <u>Bruine de Bruin, W.</u> , Parker, A.M., & Strough, J. <i>Age differences in reported social networks and well-being</i> . Paper to be presented at International Congress on Psychology. Prague, Czech Republic.   |
| March 2021    | <u>Bruine de Bruin, W.</u> , Ulqinaku, A., & Goldman, D. <i>Effect of vaccine-allocation strategies on vaccination refusal and protective behaviors: A national survey</i> . Paper presented at the (virtual) annual meeting of Current Innovations in Probability-based Household Internet Panel Research (CIPHER), University of Southern California's Center for Economic and Social Research. |
| March 2021    | <u>Bruine de Bruin, W.</u> , Saw, H.T., & Goldman, D. <i>Political polarization in US residents' COVID-19 risk perceptions, policy preferences, and protective behaviors</i> . Paper presented at (virtual) annual meeting of the Society for Benefit-Cost Analysis.  |
| December 2020 | <u>Bruine de Bruin, W.</u> , & Bennett, D., <i>Relationships between initial COVID-19 risk perceptions and protective health behaviors: A national survey</i> , Paper presented at the virtual annual meeting of the Society for Risk Analysis (SRA).   |
| November 2020 | <u>Bruine de Bruin, W.</u> , Carman, K., & Parker, A.M. <i>Perceived analogies of COVID-19 and relationships with protective behaviors: Evidence from a national survey</i> . Paper presented at the (virtual) annual meeting of the Psychonomic Society.   |
| October 2020  | <u>Bruine de Bruin, W.</u> , Saw, H.T., & Goldman, D. <i>Political polarization in US residents' COVID-19 risk perceptions, policy preferences, and protective behaviors</i> . Paper presented at virtual University of Southern California's Center for Economic and Social Research COVID-19 Work in Progress Conference.   |
| May 2020      | <u>Bruine de Bruin, W.</u> <i>Asking about social circles improves election predictions</i> . Paper presented at the (virtual) annual meeting of the <i>Behavioral Science &amp; Policy Association</i> .   |
| February 2020 | <u>Bruine de Bruin, W.</u> , & Ulqinaku, A. <i>Effect of mortality salience on charitable donations: Evidence from a national sample</i> . Paper presented at Annual Meeting of Current Innovations in Probability-based Household Internet Panel Research (CIPHER), University of Southern California's Center for Economic and Social Research. Washington DC.                                  |
| January 2020  | <u>Bruine de Bruin, W.</u> , Parker, A.M., & Strough, J. <i>Age differences in reported social networks and well-being</i> . Paper presented at Network for Studies on Pensions, Aging, and Retirement (NETSPAR) International Pension Workshop, Leiden, the Netherlands.   |

- December 2019 Bruine de Bruin, W., Parker, A.M., Galesic, M., & Vardavas, R. *Reports of social circles' and own vaccination behavior: A national longitudinal survey*. Paper presented at the annual meeting of the Society for Risk Analysis (SRA), Arlington VA, US.
- November 2019 Bruine de Bruin, W., McNair, S., & Strough, J. *Age differences in anticipated emotions for future life events*. Paper presented at the Psychonomic Society Annual Meeting, Montréal, Canada.
- August 2019 Bruine de Bruin, W., McNair, S., & Strough, J. *Age differences in anticipated emotions for future life events*. Paper presented at the Subjective Probability and Utility in Decision Making (SPUDM). Amsterdam, the Netherlands.
- November 2018 Bruine de Bruin, W., Galesic, M., Parker, A.M., & Vardavas, R. *False consensus and the role of social circles*. Paper presented at the Psychonomic Society Annual Meeting, New Orleans LA, US.
- July 2018 Bruine de Bruin, W., van Putten, M., van Emden, R., & Strough, J. *Age differences in emotional responses to monetary losses and gains*. Paper presented at the International Association for Research in Economic Psychology (IAREP), London, UK.
- March 2018 Bruine de Bruin, W., Parker, A.M., & Strough, J. *Choosing to be happy? Age differences in 'maximizing' decision strategies and experienced emotional well-being*. Paper presented at the Society for Personality and Social Psychology (SPSP) Annual Meeting, Atlanta GA, US.
- November 2017 Bruine de Bruin, W., van Putten, M., van Emden, R., & Strough, J. *Age differences in emotional responses to monetary losses and gains*. Paper presented at the Psychonomic Society Annual Meeting, Vancouver, Canada.
- August 2017 Taylor, A.L., Bruine de Bruin, W., & Dessai, S. *Public priorities and expectations of climate change impacts in the United Kingdom*. Paper presented at the Subjective Probability and Utility in Decision Making (SPUDM). Haifa, Israel.
- July 2017 Eberhardt, W., Bruine de Bruin, W., & Strough, J. *Aging and financial decisions: Older and wiser?* Paper presented at the 21<sup>st</sup> IAGG World Congress of Gerontology and Geriatrics. San Francisco CA.
- July 2017 Bruine de Bruin, W., & Galesic, M. *Origins of false consensus effect in win expectations for the U.S. Presidential Election 2016*. 18<sup>th</sup> General Meeting of the European Association of Social Psychology, Granada, Spain.
- June 2017 Bruine de Bruin, W., Wallin, A., Parker, A.M., Strough, J., & Hanmer, J. *Effects of pro- vs. anti-vaccine narratives on responses by recipients varying in numeracy: A cross-sectional survey-based experiment*. Paper presented at annual conference of the Society for Risk Analysis-Europe, Lisbon, Portugal.
- January 2017 Bruine de Bruin, W., van der Klaauw, W., van Rooij, M., Teppa, F., & de Vos, K. *Measuring expectations of inflation: Effects of survey mode, wording, and opportunities to revise*. Network for Studies on Pensions, Aging, and Retirement (NETSPAR) International Pension Workshop, Leiden, the Netherlands.
- November 2016 Bruine de Bruin, W., Parker, A.M., & Strough, J. *Choosing to be happy? Age differences in 'maximizing' decision strategies and experienced emotional well-being*. Psychonomic Society Annual Meeting, Boston MA, US.
- June 2016 Lefevre, C.E., Bruine de Bruin, W., Taylor, A.L., & Dessai, S. *Climate change concerns come rain or shine: A reciprocal causal relationship between perceived*

- weather changes and climate change concerns*. Paper presented at the annual conference of the Society for Risk Analysis-Europe, Bath, UK.
- June 2016 Bruine de Bruin, W., Wallin, A., Parker, A.M., Strough, J., & Hanmer, J. *Responses to narratives by recipients varying in numeracy*. Paper presented at biennial European conference of the Society for Medical Decision Making, London, UK.
- January 2016 Bruine de Bruin, W., Parker, A.M., & Strough, J. (2016). *Choosing to be happy? Age differences in 'maximizing' decision strategies and experienced emotional well-being*. Paper presented at the Network for Studies on Pensions, Aging, and Retirement (NETSPAR) International Pension Workshop, Leiden, The Netherlands.
- August 2015 Bruine de Bruin, W., McNair, S., Taylor, A.L., Summers, B., & Strough, J. *'Thinking about numbers is not my idea of fun': Need for cognition mediates age differences in numeracy performance*. Paper presented at the bi-annual meeting of the European Association for Decision Making, Budapest, Hungary.
- July 2015 Bruine de Bruin, W., Taylor, A.L., Dessai, S., & Lefevre, C.E. *Public perceptions of weather and climate change*. Paper presented at the Our Common Future Under Climate Change Conference. Paris, France.
- June 2015 Bruine de Bruin, W., Lefevre, C.E., Taylor, A.L., Dessai, S., Fischhoff, B., & Kovats, S. *Heat protection behaviors and positive affect about heat in the United Kingdom*. Paper presented at the annual meeting of the Society for Risk Analysis-Europe, Maastricht, the Netherlands.
- December 2014 Bruine de Bruin, W. *Developing effective communications about extreme weather risks*. Paper presented at the American Geophysical Union. San Francisco CA, US.
- November 2014 Bruine de Bruin, W., McNair, S., Taylor, A.L., Summers, B., & Strough, J. *'Thinking about numbers is not my idea of fun': Need for cognition mediates age differences in numeracy performance*. Poster presented at the annual meeting of the Society for Judgment and Decision Making, Long Beach CA, US.
- July 2014 Bruine de Bruin, W., Lefevre, C.E., Taylor, A.L., Dessai, S., Fischhoff, B., & Kovats, S. *Promoting risk protection strategies for a hazard that evokes positive affect: The case of heat waves in the UK*. Paper presented at Behavioral Decision Research in Management Conference. London, UK.
- June 2014 Bruine de Bruin, W., Wong-Parodi, G., & Morgan, M.G. *Public perceptions of flood risk and the role of climate change*. Paper presented at the annual meeting of the Society for Risk Analysis - Europe, Istanbul, Turkey.
- February 2014 Bruine de Bruin, W. *Developing effective health communications: Assessing decision-relevant knowledge*. Paper presented at the annual meeting of the American Association for the Advancement of Science. Chicago IL, US.
- December 2013 Bruine de Bruin, W., Dessai, S., Morgan, M.G., Taylor, A.L., & Wong-Parodi, G. *Public perceptions of climate change and extreme weather events* Paper presented at the American Geophysical Union Fall Meeting Session on Climate Change Effects on Natural Hazards: Science, Communication and Policy. San Francisco CA, US.
- November 2013 Bruine de Bruin, W., McNair, S., Peters, E., & Fischhoff, B. *Hindsight bias about 2012 US election outcomes: Individual differences in "knowing it all along."* Poster presented for the annual meeting of the Society for Judgment and Decision Making, Toronto, Canada.

- August 2013 Bruine de Bruin, W. *Designing effective communications about climate change.* Paper presented at the symposium on A cross-national study of uncertainty and perceptions of Global Climate Change. Subjective Probability and Utility in Decision Making. Barcelona, Spain.
- August 2013 Bruine de Bruin, W., Parker, A.M., & Strough, J.N. *Getting older isn't all that bad: Better coping skills and sunk costs.* Paper presented at the Subjective Probability and Utility in Decision Making meeting, Barcelona, Spain.
- July 2013 Bruine de Bruin, W., Parker, A.M., & Strough, J.N. *Getting older isn't all that bad: Better coping skills and sunk costs.* Paper presented at the 13<sup>th</sup> European Congress of Psychology. Stockholm, Sweden.
- November 2012 Bruine de Bruin, W., Parker, A.M., & Strough, J.N. *Getting older isn't all that bad: Better coping skills and sunk costs.* Paper presented at the annual meeting of the Society for Judgment and Decision Making, Minneapolis, US.
- August 2011 Bruine de Bruin, W., Parker, A.M., & Maurer, J. *Measuring perceptions of small nonzero chance: The case of H1N1 (swine) flu risks.* Paper presented at the annual meeting of Subjective Probability and Utility in Decision Making, London, UK.
- August 2011 Schwartz, D., Bruine de Bruin, W., Fischhoff, B. & Lave, L. *Advertising residential energy saving programs: The environmental costs of emphasizing monetary savings.* Paper presented at the bi-annual meeting of Subjective Probability and Utility in Decision Making, London, UK.
- August, 2009 Bruine de Bruin, W., Fischhoff, B., Downs, J.S., Florig, H.K., Stone, E.R., Mandel, D.R. & Lerner, J.S. *Examining unintended consequences of risk communications that evoke fear – a binational study.* Paper presented at the bi-annual meeting of Subjective Probability and Utility in Decision Making, Rovereto, Italy.
- August, 2009 Bruine de Bruin, W., Parker, A.M. & Fischhoff, B. *Explaining aging effects in decision-making competence.* Paper presented at the bi-annual meeting of Subjective Probability and Utility in Decision Making, Rovereto, Italy.
- August, 2009 Bruine de Bruin, W., van der Klaauw, W., Downs, J.S., Topa, G. & Armantier, O. *The effect of question wording on expectations of inflation.* Paper presented at the bi-annual meeting of Subjective Probability and Utility in Decision Making, Rovereto, Italy.
- May, 2009 Bruine de Bruin, W., van der Klaauw, W., Downs, J.S., Topa, G. & Armantier, O. *Expectations of inflation: The role of financial literacy and demographic variables.* Paper presented at the Networks Financial Institute at Indiana State University Conference on Improving Financial Literacy and Reshaping Financial Behavior, Indianapolis, US.
- November, 2008 Bruine de Bruin, W., Fischhoff, B., Downs, J.S., Florig, H.K., Stone, E.R., Mandel, D.R. & Lerner, J.S. *Examining unintended consequences of risk communications that evoke fear – a binational study.* Poster presented for the annual meeting of the Society for Judgment and Decision Making, Chicago IL, US.
- September, 2008 Bruine de Bruin, W., van der Klaauw, W., Downs, J.S., Fischhoff, B., Topa, G. & Armantier, O. *Lay Interpretations of Questions about Inflation Expectations.* Paper presented at the Conference on Understanding Economic Decision Making organized by RAND/University of Michigan, Jackson Hole, WY, US.

- September, 2007 Bruine de Bruin, W. *Teen expectations of significant life events.* Paper presented at the Conference on Subjective Probabilities and Expectations organized by RAND/University of Michigan, Jackson Hole, US.
- June, 2007 Bruine de Bruin, W., Downs, J.S., Moltz, K.C. & Charron-Prochownik, D., *Adolescent females' mental models of diabetes and reproductive health.* Poster presented at the annual meeting of the *American Diabetes Association* in Chicago IL, US.
- May, 2007 Bruine de Bruin, W., Parker, A.M. & Fischhoff, B. *Individual differences in Adult Decision-Making Competence.* Paper presented at the annual meeting of the *Association for Psychological Science* in Washington DC, US.
- November, 2006 Bruine de Bruin, W., Fischhoff, B., Caruso, D. & Brilliant, L. *Expert Judgments of Pandemic Influenza Risks.* Poster presented at the Society for Judgment and Decision-Making in Houston TX, US.
- November, 2006 Bruine de Bruin, W., Fischhoff, B., Caruso, D. & Brilliant, L. *An Expert Model of Pandemic Influenza Risks.* Paper presented at the annual meeting of *INFORMS* in Pittsburgh PA, US.
- November, 2005 Bruine de Bruin, W., Parker, A.M. & Fischhoff, B. *Decision-making competence: Measures of process and outcome.* Paper presented at the Society for Judgment and Decision Making in Toronto, Canada.
- August, 2005 Bruine de Bruin, W., Parker, A.M., Fischhoff, B. *Do commonly studied decision-making tasks have external validity?* Paper presented at the bi-annual meeting of Subjective Probability and Utility in Decision Making in Stockholm, Sweden.
- November, 2003 Bruine de Bruin, W., Fischhoff, B., Perrin, W. & Downs, J. *Travel risks in times of terror: Evidence for risks as feelings.* Poster presented at the Society for Judgment and Decision Making in Vancouver, Canada.
- May, 2002 Bruine de Bruin, W. & Keren, G. *Save the last dance for me: Unwanted order effects on judgment.* Paper presented at the Behavioral Decision Research in Management conference in Chicago IL, US.
- November, 2001 Bruine de Bruin, W. & Keren, G. *Unwanted order effects on judgment: Shall the first be the last?* Poster presented at the Psychonomic Society in Orlando FL, US.
- November, 2000 Bruine de Bruin, W. *Self-serving bias in learning from experience: practice makes perfect?* Poster presented for the Society for Judgment and Decision Making in New Orleans LA, US.
- November, 1999 Bruine de Bruin, W. & Fischhoff, B. *Verbal expressions of probability: "It's a fifty-fifty chance."* Paper presented at the annual meeting of the Society for Judgment and Decision Making in Los Angeles CA, US.
- August, 1999 Bruine de Bruin, W., Fischhoff, B., Millstein, S.G. & Halpern-Felsher, B.L. *Verbal expressions of probability: "It's a fifty-fifty chance."* Paper presented at the Subjective Probability and Utility in Decision Making in Mannheim, Germany.
- August, 1999 Bruine de Bruin, W., Fischbeck, P.S., Stiber, N.A. & Fischhoff, B. *Redistributing "fifty-fifty" responses.* Poster presented for Subjective Probability and Utility in Decision Making in Mannheim, Germany.
- June, 1998 Bruine de Bruin, W. & Fischhoff, B. *Fifty-fifty=50%?* Paper presented at the bi-annual meeting of the Behavioral Decision Research and Management conference in Miami FL, US.

- May, 1998 Bruine de Bruin, W., Rubovits, D., Fischhoff, B. & Palmgren, C. *Adolescents' mental models of AIDS: What do they know?* Paper presented for the American Psychological Society in Washington DC, US.
- May, 1998 Bruine de Bruin, W., Downs, J.S. & Fischhoff, B. *What do you need to know to understand AIDS?* Paper presented for the American Psychological Society in Washington DC, US.
- May, 1998 Fischhoff, B. & Bruine de Bruin, W. *Fifty-fifty=50%?* Poster presented for the American Psychological Society, Washington DC, US.
- August, 1997 Fischhoff, B. & Bruine de Bruin, W. *Fifty-Fifty=50%?* Poster presented for Subjective Probability and Utility in Decision Making in Leeds, UK.
- November, 1996 Bruine de Bruin, W. & Fischhoff, B. *The effect of question format on knowledge about AIDS risks.* Poster presented for the Society for Judgment and Decision Making in Chicago IL, US.

### **INVITED PRESENTATIONS AND WORKSHOPS (TOTAL: 157)**

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- Postponed to 2021 International Center of Pension Management meeting on Member Engagement and Pension Communication. Maastricht, the Netherlands.
- Postponed to 2021 Jonathan Club, Los Angeles CA.
- Postponed to 2021 University of Luxembourg Workshop on Interdisciplinarity, Luxembourg.
- February 2021 Johns-Hopkins University / London School of Economics Special Online Conference on Experimental Insights from Behavioral Economics on Covid-19.
- January 2021 Ohio State University, Department of Psychology (virtual).
- January 2021 Webinar panel discussion on “How to encourage vaccine adoption” USC-Brookings Schaeffer Initiative for Health Policy and the USC Behavioral Science and Well-Being Policy Initiative
- January 2021 IPCC Working Group I The Physical Science Basis
- January 2021 IPCC Working Group II Impacts, Adaptation, and Vulnerability
- December 2020 United Nations Foundation. IPCC communications officers team (virtual).
- December 2020 Workshop on subjective expectations, University of Arizona (virtual).
- September 2020 Dartmouth University Virtual Seminar Series on Energy and Society. The Arthur L. Living Institute for Energy and Society.
- September 2020 Network for Studies on Pensions, Aging, and Retirement Virtual Conference on Pension Communications, the Netherlands.
- August 2020 Annual meeting of Riksbanken Jubileumsfond “Science and Proven Experience” program. Virtual meeting hosted by Lund University, Sweden.
- May 2020 Ask a Scientist Live: “Climate & ecological emergency vs. COVID-19: Why have people reacted differently to those crises?” Organized by XR Scientists. Facebook Live event.
- February 2020 University of California at Los Angeles (UCLA) Anderson School of Management, Los Angeles CA.

- November 2019 First Joint ECB - NY FED Workshop on Expectations Surveys: A Tool for Research and Monetary Policy, Federal Reserve Bank of New York, New York NY.
- October 2019 US National Press Foundation's Paris Accords of Science Communication. Paris, France.
- October 2019 Advisory board meeting, Leonard D. Schaeffer Center for Health Policy and Economics, University of Southern California, Los Angeles CA.
- September 2019 Utrecht University, School of Economics, Utrecht, the Netherlands.
- September 2019 Behavioral Insights Team, London, UK.
- September 2019 HMRC Behavioral Insights Team, London, UK.
- August 2019 Annual meeting of Riksbanken Jubileumsfond "Science and Proven Experience" hosted by Lund University in Dublin, Ireland.
- June 2019 University of Leeds Alumni dinner, Marshall Wace, London, UK.
- May 2019 Carnegie Mellon University, Annual meeting of the Center for Climate and Energy Decision Making, Pittsburgh PA.
- April 2019 Keynote address. Estonian Association of Social Scientists Conference, University of Tartu, Tartu, Estonia.
- April 2019 BX Arabia, The Arab Summit on Behavioral Economics and Nudging, Nudge Lebanon, École Supérieure des Affaires, Beirut, Lebanon.
- April 2019 SWPS University, Aging Spring Workshop, Warsaw, Poland.
- April 2019 Lund University, Department of Philosophy and Biomedical Ethics, Lund, Sweden.
- March 2019 University of Stockholm, Institute for Futures Studies, Sweden.
- March 2019 Swedish University of Agricultural Sciences, Department of Economics, Uppsala, Sweden.
- February 2019 University of Southern California Roybal Center for Decision Making to Improve Health and Financial Independence in Old Age, Washington DC.
- January 2019 Behavioral Insights Team, Singapore.
- January 2019 London School of Economics, Psychology and Behavioral Science Seminar, London, UK.
- January 2019 University College London, London Judgment and Decision Making Seminar, London, UK.
- November 2018 Keynote address. 11<sup>th</sup> Annual Conference on Economics and Psychology, University College Dublin Geary, Dublin, Ireland.
- October 2018 National University of Singapore's Lloyd's Register Foundation Institute for the Public Understanding of Risk's "The Risk Quotient 2018" Conference, Tokyo, Japan.
- October 2018 Wageningen University, Department of Economics, the Netherlands.

- October 2018 Rachel Carson Center for Environment and Society, “UmweltSchmerz: An Exercise in Humility and Melancholia” event, Munich, Germany.
- October 2018 University of Southern California, Sol Price School of Public Policy, Los Angeles CA.
- August 2018 National University of Singapore Business School, Department of Management & Organization, Singapore.
- August 2018 National University of Singapore’s Lloyd’s Register Foundation Institute for the Public Understanding of Risk, Public Lecture, Singapore.
- August 2018 Annual meeting of Riksbanken Jubileumsfond “Science and Proven Experience”, Lund University, Sweden.
- July 2018 Forum on Behavioral Economics: The Good, The Bad and The Ugly, City University, London, UK.
- June 2018 Workshop on Subjective Expectations and Probabilities in Economics, Leibniz Institute for Economic Research, University of Munich, Germany.
- June 2018 University of Heidelberg, Department of Economics, Heidelberg, Germany.
- May 2018 Yale University, School of Management, New Haven CT, US.
- March 2018 University of Southern California Roybal Center for Decision Making to Improve Health and Financial Independence in Old Age, Washington DC, US.
- March 2018 Storylines for the UK Climate Projections 2018 (UKCP18) Workshop, Met Office Hadley Centre and Copernicus Climate Change Service, Reading, UK.
- March 2018 American Philosophical Association Central Division Meeting. Chicago IL. Author meets Critics: Sabine Roeser, “Risk, Technology, and Moral Emotions.”
- January 2018 University of Chile Management Science Workshop, Pucon, Chile.
- November 2017 Third National Academy of Sciences Colloquium on “The Science of Science Communication” Washington DC.
- October 2017 Keynote address. RAND Behavioral Finance Forum, Washington DC.
- October 2017 University of Maastricht, Faculty of Arts and Social Sciences, the Netherlands.
- September 2017 Keynote address. International Association for Research in Economic Psychology (IAREP), Haifa, Israel.
- July 2017 Keynote address. Mediating climate change conference, University of Leeds, School of English.
- April 2017 Dubrovnik International University, Dubrovnik, Croatia.
- February 2017 Tilburg University, Department of Social Psychology, the Netherlands.
- January 2017 University of Huddersfield, Department of Psychology, Huddersfield, UK.
- December 2016 University of Maastricht Network for Studies on Pensions, Aging, and Retirement (NETSPAR) conference on “Engaging pension plan participants: Challenges and insights.” Maastricht, the Netherlands.
- December 2016 Eversheds 11<sup>th</sup> Annual Pensions Conference. London, UK.

- December 2016 Leicester Secular Society, Leicester, UK.
- November 2016 University of Trieste, Department of Life Sciences, Trieste, Italy.
- November 2016 University of Essex, Department of Psychology, Colchester, UK.
- September 2016 Federal Reserve Bank of Cleveland, Conference on Inflation: Drivers and Dynamics, Cleveland OH.
- August 2016 Annual meeting of Riksbanken Jubileumsfond “Science and Proven Experience”, Lund University, Sweden.
- July 2016 Keynote address. Society for the Advancement of Judgment and Decision Making Studies, Mallorca, Spain.
- June 2016 Eco Fair. West & North Yorkshire Chamber of Commerce. Leeds, UK.
- May 2016 Smithsonian Museum of Natural Science, Department of Mineral Sciences, Washington DC.
- May 2016 Pension Research Council Symposium, University of Pennsylvania Wharton School of Business. Philadelphia PA.
- May 2016 American Psychological Society Pre-Conference on Opportunities for Advancing Behavioral and Social Research on Aging, Chicago IL, US.
- May 2016 Workshop on Subjective Expectations. Federal Reserve Bank of New York.
- May 2016 University of Southern California Roybal Center for Decision Making to Improve Health and Financial Independence in Old Age, Los Angeles CA.
- April 2016 On Your Marks Networking Event on “Shrink to fit: Using less, generating our own and buying smart - renewable energy and the challenges we face.” Event sponsored by Marks and Spencer, University of Leeds, UK.
- March 2016 Santa Fe Institute. Santa Fe NM.
- February 2016 Bayer, Leverkusen, Germany.
- February 2016 University of Birmingham, Experimental Psychology Society Workshop on “The Science of Regret.” Birmingham, UK.
- December 2015 University of Pittsburgh Medical Center, Pittsburgh PA.
- November 2015 Leiden University Medical Center, Leiden, the Netherlands.
- October 2015 International Center for Pension Management (ICPM), hosted by the University of Toronto Rotman School of Management and Finnish Center for Pensions, Helsinki, Finland.
- October 2015 Workshop on the Psychology of Sustainability. Impact Academy, Utrecht, The Netherlands.
- September 2015 Public Health England. Leeds, UK.
- September 2015 Dutch Central Bank. Amsterdam, the Netherlands.
- August 2015 Keynote address. Biennial Conference on Environmental Psychology, University of Groningen, Groningen, the Netherlands.

June 2015	University of Stirling Behavioral Science Center. ESRC Workshop on Measurement in Behavioral Science. Stirling, UK.
May 2015	Kingston University, Department of Psychology, Workshop on Probability Perception and Risk Communication, UK.
May 2015	Carnegie Mellon University, Center for Climate and Energy Decision Making, Pittsburgh PA.
May 2015	University of Michigan, Institute for Healthcare Policy and Innovation Inaugural Director's Lecture, Ann Arbor MI.
May 2015	University of Leicester, Department of Psychology, Slukin Lecture, UK.
April 2015	University of Southern California Roybal Center for Decision Making to Improve Health and Financial Independence in Old Age, Washington DC.
March 2015	University of Sheffield, School of Health and Related Research, Health Economics and Decision Science group, Sheffield, UK.
February 2015	University of Leiden, Department of Psychology, Leiden, the Netherlands.
January 2015	University of York, Department of Psychology, UK.
October 2014	Eindhoven University. Eindhoven Center for Innovation Studies. Eindhoven, the Netherlands.
September 2014	University of Bristol, Meeting on "Responding and adapting to climate change: Recognizing and managing uncertainty in the physical, social, and public spheres." Bristol, UK.
September 2014	University of Sheffield, School of Management Doctoral Training Center, Sheffield, UK.
October 2014	Organisation for Economic Co-operation and Development (OECD) Conference on Improving Risk Regulation, Paris, France.
September 2014	Brainbox Research. Innovations in Road User Behaviour Change. Wakefield, UK.
July 2014	Annual Meeting of EPSRC-funded CliMathNet, University of Leeds, UK.
May 2014	Annual meeting of the Center for Climate and Energy Decision Making, Carnegie Mellon University, Pittsburgh PA.
April 2014	University of Kingston, Department of Psychology, London, UK.
April 2014	Dutch Ministry of Infrastructure and Environment, Workshop on 'Explicitly Considering Safety' Scheveningen, the Netherlands.
March 2014	Food Standards Agency, Paris Risk Group – Second International Meeting of Social Scientists Working in Risk Agencies, London, UK.
March 2014	King's College London & University College London, Workshop on "Carbon Capture and Storage : Does it have a future?" London, UK.
March 2014	University of Stockholm, Department of Psychology, Stockholm, Sweden.
January 2014	University of Bath, Department of Psychology, Bath, UK.
October, 2013	ETH Zürich, Consumer Behaviour Group, Zürich, Switzerland.

October, 2013	University of Maastricht, School of Business and Economics, Department of Finance, Maastricht, the Netherlands.
November 2013	Center on Risk Analysis and Governance (CRAG) and International Risk Governance Council (IRGC) workshop on “Uncertainty: From Insight to Action.” Lausanne, Switzerland
September, 2013	Conference on Economic Decision Making, Aspen CO.
September, 2013	CentERdata, 7th work shop on Measurement and Experimentation in the Social Sciences (MESS). Scheveningen, the Netherlands.
July, 2013	Pre-conference of the Association for Consumer Research, Symposium on Consumption and Environment, Universidad Pompeu Fabra, Barcelona Spain.
April, 2013	Lund University, Department of Philosophy and Biomedical Ethics, Lund Sweden
January, 2013	International Risk Governance Council’s International Conference on “From Crisis Management to Risk governance” in Beijing, China.
December, 2012	Organisation for Economic Co-operation and Development (OECD) Workshop on National Risk Assessments in Paris, France.
November, 2012	Institute for Social and Economic Research (ISER), University of Essex, Colchester, UK.
September, 2012	International Risk Governance Council’s Expert Workshop on Public Sector Governance of Emerging Risks, Lausanne, Switzerland.
May, 2012	First National Academy of Sciences Colloquium on “The Science of Science Communication.”
April, 2012	Invited speaker, National Research Council Committee meeting on “Ethical and Societal Issues in National Security Applications of Emerging Technologies, Washington DC.
February, 2012	Department of Consumer Sciences, Ohio-State University.
February, 2012	Department of Communication, George Mason University.
January, 2012	RAND Corporation, Santa Monica.
January, 2012	University of Southern California, Department of Psychology, Los Angeles.
December, 2011	University of California at Berkeley, Goldman School of Public Policy.
November, 2011	University of Columbia Climate Center at the Earth Institute, Carbon Management: Education and Practice Workshop, New York.
November, 2011	Universidad Pompeu Fabra, Department of Economics & Business, Barcelona Spain.
November, 2011	University of Cologne, Faculty of Management, Economics, and Social Psychology, Cologne, Germany.
September, 2011	RAND/University of Michigan Conference on Understanding Economic Decision Making, Aspen.

- September, 2011 RAND/University of Michigan Workshop on Internet Interviewing and the Health and Retirement Study, Aspen CO.
- June, 2011 RAND Corporation, Health Seminar, Pittsburgh PA.
- May, 2011 Universidad Pompeu Fabra, Department of Economics & Business, Barcelona Spain.
- May, 2011 National Institute of Aging Division of Behavioral and Social Research Workshop on Future Directions for Research Intersecting Psychology and Economics, Washington DC.
- March, 2011 American Geophysical Union's Leadership Summit on Climate Science Education, Pew Charitable Trusts, Washington DC.
- January, 2011 University of North Carolina School of Global Public Health, Department of Environmental Sciences and Engineering, Raleigh-Durham NC.
- November, 2010 Federal Reserve Bank of New York Conference on Measuring Inflation Expectations, New York NY.
- October, 2010 Speaker, National Research Council Workshop on Climate Change Education for the Public and Decision Makers, National Academy of Sciences, Washington DC.
- August, 2010 University of Tilburg/Centerdata Workshop on Innovations in Internet Interviewing and the Longitudinal Internet Studies for the Social Sciences, Noordwijk, the Netherlands.
- March, 2010 Max Planck Institute for Human Development, Berlin, Germany.
- March, 2010 University of Munich/RAND Workshop on Internet Interviewing and the Health and Retirement Study, Munich, Germany.
- January, 2010 University of California Santa Barbara, Center for Nanotechnology in Society Risk Perception Research Workshop, Santa Barbara, CA.
- December, 2009 National Research Council Workshop on Addressing the Challenges of Climate Change Through the Behavioral and Social Sciences, National Academy of Sciences, Washington DC.
- June, 2009 University College London's Carbon Capture Legal Programme and King's Center for Risk Management, King's College London. Conference on Carbon Capture & Storage, Public Perception and Law. London, UK
- May, 2009 De Nederlandsche Bank (Dutch Central Bank), Seminars on Designing Economic Surveys, Amsterdam, the Netherlands
- October, 2008 Tilburg University, Tilburg Institute for Behavioral Economics (TIBER). Tilburg, the Netherlands.
- October, 2008 Columbia University, Center for Research on Environmental Decisions (CRED), New York, NY.
- September, 2008 RAND/University of Michigan Conference on Cognitive Economics. Jackson Hole, WY.

- June, 2008 Harvard University Kennedy School of Government, Public perceptions of carbon capture and storage technology workshop. Cambridge, UK.
- May, 2008 University of California Davis, Economy Justice and Society program's spring conference on Adolescent Decision Making and Uncertainty. Davis, US .
- May, 2008 Wake Forest University, Department of Psychology. Winston-Salem, NC.
- April, 2008 Centers of Disease Control, Risk Communication Summit, Atlanta, GA.
- February, 2008 University of North Carolina Conference on Assessing Bioavailability as a determinant of pollutant exposure, Tampa FL.
- December, 2007 Joint NIH-FDA workshop on decision-making competence and over-the-counter drug use, Washington DC.
- September, 2007 University of Calgary, Conference on Public Perceptions of Carbon Dioxide Capture and Storage. Banff, Canada.
- September, 2007 RAND/University of Michigan Conference on Measuring Subjective Probabilities and Expectations. Jackson Hole, WY.
- June, 2007 Tsinghua University, School of Public Policy and Management, Beijing China.
- April, 2007 American Psychological Society, Washington, DC.
- December, 2006 University of California Berkeley, "Mind the Gap!" Conference on the Medicare Part D Market for Prescription Drug Insurance, Center for the Economics and Demographics of Aging. Berkeley CA.
- September, 2006 University of Michigan, Workshop on Internet Interviewing and the Health and Retirement Study. Ann Arbor MI.
- December, 2005 RAND, Conference on Internet Interviewing and the Health and Retirement Study. Santa Monica CA.
- April, 2005 University of Michigan, Workshop on Internet Interviewing and the Health and Retirement Study. Ann Arbor MI.
- June, 2004 Carnegie Mellon University, 33<sup>rd</sup> Carnegie Symposium on Cognition. Pittsburgh PA.

**RESEARCH FUNDING**

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***Current***

*Lloyd Register Foundation* (PI: Bruine de Bruin)

Role: PI.

Dates: 12/01/2020-11/30/2022 (\$251,278)

Title: Understanding and informing public perceptions of risk around the world: A behavioral science approach.

*USC Provost Collaboration Fund* (PI: Bruine de Bruin, Doctor, Kapteyn, Simon, Ulkumen)

Role: PI.

Dates: 09/01/2020-08/31/2023 (\$90,000)

Title: Behavioral Science and Well-being Policy

*National Science Foundation/Santa Fe Institute* (PI: Olsson)

Role: PI of subcontract to University of Southern California.

Dates: 01/01/2020-12/31/2020 (\$271,638)

Title: Novel wisdom-of-crowd approaches to improving predictions of election polls

*National Science Foundation* (PI: Bruine de Bruin & Bennett)

Role: Co-PI

Dates: 05/01/2020-04/30/2021 (\$200,000)

Title: RAPID: Evaluating the Impact of COVID-19 on Labor Market, Social, and Mental Health Outcomes

*European Central Bank* (PI: Bruine de Bruin)

Role: PI

Dates: 06/01/2020-05/31/2021 (\$20,000)

Title: Consumer expectation surveys

*University of Southern California Public Exchange* (PI: Weber)

Role: Co-PI.

Dates: 06/01/2020-09/30/2020 (\$15,746)

Title: Food Insecurity Study

*Swedish Riksbankens Jubileumsfond / University of Lund* (PI: Sahlin)

Role: PI of sub-contract to University of Leeds / University of Southern California.

Dates: 01/01/2015-12/31/2020 (£2,679,221)

Title: Science and Proven Experience.

*Network for Studies on Pensions, Aging, and Retirement (NETSPAR) / Utrecht University* (PI: Hoeken)

Role: PI of sub-contract to University of Southern California.

Dates: 01/01/2020-08/31/2022 (£25,000)

Title: The effectiveness of decision aids in pension communication and the role of literacy.

***Completed***

*National Science Foundation/Carnegie Mellon University* (PI: Morgan)

Role: PI of subcontract to University of Leeds / University of Southern California.

Dates: 09/14//2010 – 08/31//2020 (\$5,997,094)

Title: Center on Climate and Energy Decision Making (CEDM)

- U.K. Economic and Social Research Council / University of Essex* (PI: Delavande)  
Role: PI of sub-contract to University of Leeds. Dates: 04/01/2015-03/31/2020.  
Title: Inequality in higher education outcomes in the UK: Subjective expectations, preferences, and access to information.
- UK Met Office* (PI: Bruine de Bruin)  
Role: PI. Dates: 03/01/2019-10/31/2019 (£82,989)  
Title: Systematic literature review to improve communications about climate risk for adaptation decision making.
- E.U. Horizon 2020 Marie Skłodowska-Curie Individual Fellowship* (Fellow: van der Wal, Supervisor: Bruine de Bruin)  
Role: Supervisor. Dates: 03/01/2018-02/28/2020 (€195,455)  
Title: Testing communication strategies to save lives in emergency evacuation
- Cancer Research UK* (Fellow: Okan, Supervisor: Bruine de Bruin)  
Role: Supervisor. Dates: 02/01/2017-02/28/2020 (£183,548)  
Title: Improving web-based communications about cervical cancer screening using graphs: An interdisciplinary approach
- E.U. Horizon 2020 Marie Skłodowska-Curie Individual Fellowship* (Fellow: Eriksson, Supervisor: Bruine de Bruin)  
Role: PI. Dates: 01/09/2017-08/31/2019 (€183,454)  
Title: Applying risk communication strategies to reduce speeding-related risks
- Leverhulme Trust Early Career Fellowship* (Fellow: McNair, Supervisor: Bruine de Bruin)  
Role: Supervisor. Dates: 01/05/2016-31/04/2019 (£150,000)  
Title: Mitigating the psychological barriers to better financial decisions
- National Institutes of Health/ National Institute on Aging/University of Southern California* (PI: Kapteyn)  
Role: Co-I, advisory board member. Dates: 09/01/14-08/31/19 (\$349,738)  
Title: Roybal Center for Decision Making to improve Health and Financial Independence in Old Age
- Environmental Protection Agency* (PI: McDonald)  
Role: PI of sub-contract to University of Leeds. Dates: 09/01/17-08/31/19 (£49,743)  
Title: Interventions to decrease childhood lead exposure from private wells.
- U.K. Economic and Social Research Council* (PI: Birkin)  
Role: Co-I. Dates: 02/14/2014-02/13/2019 (£5,173,043)  
Title: Consumer Data Research Support Service.
- U.K. Economic and Social Research Council / M2D Models to Decisions Network* (PI: Bruine de Bruin)  
Role: PI. Dates: 05/01/2018-10/31/2018 (£24,329)  
Title: A behavioural science approach for evaluating communications about climate-related risks and uncertainties.
- Network for Studies on Pensions, Aging, and Retirement (NETSPAR) / Univ of Maastricht* (PI: Post)  
Role: PI of sub-contract to University of Leeds. Dates: 09/01/2015-08/31/2018 (£17,500)  
Title: Engaging pension plan participants: how emotions, peer effects, and life events influence the effectiveness of pension communication.

*U.K. Economic and Social Research Council* (PI: Bruine de Bruin)

Role: PI. Dates: 10/01/2013-12/31/2014 (£195,633)

Title: Understanding public perceptions of and responses to heat waves: A behavioral decision research approach.

*U.K. Economic and Social Research Council* (PI: Bruine de Bruin)

Role: PI. Dates: 09/01/2014-09/31/2017 (£30,000)

Title: Seminar Series on Food Options, Opinions and Decisions (FOOD): Integrating perspectives on consumer perceptions of food safety, nutrition and waste.

*E.U. FP7 Marie Curie Career Integration Grant* (PI: Bruine de Bruin)

Role: PI. Dates: 09/01/2013-08/31/2017 (€100,000)

Title: Improving decision-making competence and associated life decision outcomes across the lifespan

*E.U. FP7 Marie Curie International Incoming Fellowship* (PI: Bruine de Bruin, Fellow: Loibl)

Role: PI. Dates: 01/01/2014-12/31/2015 (€309,235)

Title: Designing Evidence-Based Communication for Elderly Consumers in Financial Distress

*U.K. Department of Environment, Food and Rural Affairs (DEFRA) / Ricardo AEA* (PI: Dessai)

Role: Consultant. Dates: 09/01/2012-07/31/2013 (£720,184)

Title: Programme of Research on Preparedness, Adaptation and Risk (PREPARE)

*PEPCO /U.S. Department of Energy* (PIs: Bruine de Bruin, Fischhoff, Lave)

Role: PI. Dates: 01/01/2010-12/31/2015 (\$2,361,098)

Title: Smart Grid Investment Grant Program

*National Institutes of Health/ National Institute on Aging / University of Michigan* (PI: Willis)

Role: Senior key personnel. Dates: 04/15/2010 – 03/31/2015 \$1,264,861)

Title: Behavior on Surveys and in the Economy: HRS and Beyond

*National Science Foundation / University of North Carolina* (PI: MacDonald)

Role: PI of CMU Subcontract. Dates: 09/01/2009 – 08/31/2011 (\$123,314)

Title: Graphical Versus Numerical Presentation of Quantitative Environmental Risk Information about Unexploded Ordinances

*Department of Health and Human Services* (PI: Downs)

Role: Investigator. Dates: 09/01/2010-08/31/2015 (\$7,402,890)

Title: Teen Pregnancy Prevention: Replication of Updated Interactive Video Intervention

*Federal Reserve Bank of New York* (PI: Bruine de Bruin).

Role: PI. Dates: 02/01/2007-03/31/2010 (\$430,423)

Title: A Mental Models Approach to Developing a Valid Survey of Inflation Beliefs

## TEACHING

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### *Risk perception and communication*

Leeds University Business School: Masters level (*Dean's Award for Teaching Excellence 2015*)  
Carnegie Mellon University: Undergraduate and graduate level

### *Behavioral decision making*

Carnegie Mellon University: Undergraduate level

### *Consumer behavior and decision making*

Eindhoven University of Technology: Graduate level

### *Decision making and problem solving*

Free University Amsterdam: Graduate level

### *Understanding and communicating risks: Facts, fears, and fallacies.*

National University Singapore, Lee Kuan Yew School of Public Policy: Executive education.

### *Effective risk communication: Theory, tools, and practical skills for communicating about risk*

Continuing education aimed at practitioners and policy makers.

Harvard School of Public Health Center for Continuing Professional Education.

Cyprus International Institute for the Environment and Public Health

## PHD STUDENT SUPERVISION

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### *University of Southern California:*

*Current:* Alex Segrè Cohon, Yema Conteh, Joshua Inwald, Lauren Lutzke.

### *Carnegie Mellon University:*

*Graduated:* Shahzeen Attari (University of Indiana at Bloomington), Casey Canfield (Missouri University of Science and Technology), Alycia Chin (Securities and Exchange Commission), Lauren Fleishman-Mayer (RAND Corporation), Umit Guvenc (Philips), Kelly Klima (RAND Corporation), Julian Lamy (Tesla), Jihoon Min (International Institute for Applied Systems Analysis), Daniel Schwartz (University of Chile), Rachel Dryden Steratore (RAND Corporation), Huimin Tan (SouthWestern University of Finance and Economics, China).

### *University of Leeds:*

*Graduated:* Vedran Lesic (HMRC), Eirini Petratou (Leeds City Council), Rachel Hollis (University of Leeds), Rachel Harcourt (University of Leeds)

*Visited:* Wiebke Eberhardt (Maastricht University), Alessia Rosi (University of Pavia)

### *University of North Carolina:*

*Graduated:* Frank Stillo (University of North Carolina).

### *University of ISPA:*

*Current:* Samuel Domingos.

## POSTDOC AND RESEARCH FELLOW SUPERVISION

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### *University of Leeds:*

Gabriella Eriksson (Stockholm University), Astrid Kause (University of Leeds), Carmen LeFevre (University College London), Caezilia Loibl (Ohio State University), Yasmina Okan (University of Leeds), Simon McNair (Behavioural Insights Team), Andrea Taylor (University of Leeds), Nathalie van der Wal (Delft University)

### *University of Southern California:*

*Current:* Patrycja Sleboda (current)

## HONORS AND AWARDS

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- Fellow of the *Academy of Social Sciences*, United Kingdom.
- Fellow of *Netspar* (Network for Studies on Pensions, Aging, and Retirement). The Netherlands.
- Fellow of the *Psychonomic Society* in recognition of “significant psychological research publications beyond your doctoral dissertation”
- American Psychological Association’s Article Spotlight for Chin, A., & Bruine de Bruin, W. (2019). Helping consumers to evaluate annual percentage rates (APR) on credit cards. *Journal of Experimental Psychology: Applied*, 25, 77-87
- Keynote speaker. *Estonian Association of Sociologists Conference*, University of Tartu, Estonia. April 2019.
- Keynote speaker. 11<sup>th</sup> Annual *Conference on Economics and Psychology*, University College Dublin Geary, Dublin, Ireland. November 2018.
- University of Leeds Women of Achievement Awards 2018
- Featured in “A Woman’s Place?” exhibit at *Leeds Abbey House Museum*, UK, 20 jan 2018-31 dec 2018.
- Top downloaded paper on SSRN over 60 days in Public Policy & Consumer Behavior and in Economic Psychology & Economic Analysis of Consumer Behavior; Top ten downloaded paper on SSRN over 60 days in Behavioral Marketing, September 2018. Chin, A., & Bruine de Bruin, W. (2018). Eliciting stock market expectations: The effects of question wording on survey experience and response validity. *Journal of Behavioral Finance*, 1, 101-110.
- Featured in *Humans of Leeds* (<http://humansofleeds.tumblr.com/post/168830574890/i-grew-up-on-a-flower-farm-in-the-netherlands-i#notes>)
- Leeds University Business School Runner up Mentor Award 2018* for “the person whose guidance and direction has helped others develop their skills and prospects for the future, or who has enabled them to remain on their course.”
- Leeds University Business School Runner up Best PhD Supervisor Award 2017* for “the dissertation or thesis supervisor, who has guided and inspired others to push the boundaries of their research for a dissertation, project, or thesis.”
- Keynote speaker. *RAND Behavioral Finance Forum*, Washington DC, US. October 2017
- Keynote speaker. Annual meeting of the *International Association for Research in Economic Psychology (IAREP)*. Israel. August 2017.
- Leeds University Business School Research Impact Award 2016* for research on inflation expectations with the Federal Reserve Bank of New York and the Dutch Central Bank
- Keynote speaker. Society for the Advancement of Judgment and Decision Making Studies, Mallorca, Spain. July 2016.
- Leeds University Business School Dean’s Award for Teaching Excellence 2015* for MSc module *Risk Perception and Communication*
- Tenth most accessed paper at *Risk Analysis* website 2015: Taylor, A.L., Bruine de Bruin, W., & Dessai, S. (2014). Climate change beliefs and perceptions of weather-related changes in the United Kingdom. *Risk Analysis*, 34, 1995-2004.
- Leadership Chair, awarded at the University of Leeds, 2012.
- Our *What Could You Do* intervention was recognized as one of the few high-quality and effective for changing behavior in a review of intervention research since the 1980s, conducted by Mathematica Policy Research for the U.S. Department of Health and Human Services.
- Research on order effects (e.g. Bruine de Bruin, 2006) was included in a popular Dutch-language book about “scientific advice that will change your life.” In: Rik Kuiper & Tonie Mudde, 2007.

*Kijk niet naar mooie vrouwen (als je nog moet nadenken) en 107 wetenschappelijke tips die je leven veranderen.* Podium, The Netherlands.

Role Model Award from Carnegie Mellon University's Sorority Women, 2006

University Research Fellowship, Eindhoven University of Technology, 1999

Travel Award, National Science Foundation of the Netherlands, 1999

Finalist, Telly Awards, 1999 (for *What Could You Do?* intervention)

Outstanding Quality Award, 1999, Technology Showcase (for *What Could You Do?* intervention)

## **PROFESSIONAL MEMBERSHIPS**

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European Association for Decision Making (EADM)

Network for Studies on Pensions, Aging, and Retirement (NETSPAR), *Fellow*

Psychonomic Society, *Fellow*

Society for Benefit-Cost Analysis (SBCA)

Society for Judgment and Decision Making (SJDM)

Society for Risk Analysis (SRA)

UK Academy of Social Sciences (AcSS), *Fellow*

## **SELECTED PRESS**

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*Health*. April 2021. What to Say to People Who Still Want to 'Wait and See' Before Getting the COVID-19 Vaccine

*Crosscut/KCTS9 PBS Seattle*. March 2021. "Washington's vaccinated navigate socializing after a year in lockdown"

*NBC Los Angeles*. February 2021. "How the Government Is Trying to Get Accurate Info Out as Willingness to Take Vaccines Diminishes"

*CIRP Journal (Carnegie Mellon University Center for International Relations and Politics)*. February 2021. "Interview with Wändi Bruine de Bruin"

*The Conversation*. November 2020. "Election polls are more accurate if they ask participants how others will vote."

*Spectrum News*. November 2020. "How your friends could help pollsters predict next election."

*Los Angeles Times*. November 2020. "Polls underestimated Trump's support, but not by as much as you might think."

*ABC*. July 2020. "Face mask mandates spark resistance, questions about enforcement"

*The Guardian (UK)*. June 2020. "Like leaning into a left hook': coronavirus calamity unfolds across divided US."

*Los Angeles Times*. June 2020. "New emergency evacuation guidelines won't include mandatory or voluntary labels"

*Science Daily*. June 2020. "Survey suggests the importance of clearly communicating coronavirus risk, behaviors"

*The Next Truth (UK)*. May 2020. "The Psychological Impact of Coronavirus Disease Outbreak" Behavioral expert and Psychologist Prof. Wändi Bruine de Bruin Weighs In"

*Los Angeles Times*. April 2020. "Battling lockdown fatigue, California messages both hope and fear. Will it work?"

*Hollywood Reporter*. April 2020. "They've made it personal": How California is enlisting star residents for stay-at-home PSAs."

*The Conversation*. March 2020. "Americans disagree on how risky the coronavirus is but most are changing their behavior anyway."

- CNN*. March 2020. Ballot finds many people heeding recommendations on Coronavirus.
- WebMD*. March 2020. Poll Finds Many Americans Heeding Advice on Coronavirus.
- Microsoft News*. March 2020. Coronavirus changes life in OC from hoarding to helping.
- Yahoo News*. March 2020. Even concerned consumers don't know which food choices have the lowest climate impact
- The Conversation*. March 2020. Even concerned consumers don't know which food choices have the lowest climate impact.
- Los Angeles Times*. March 2020. Créelo o no, más gente se inclina a la oración contra la pandemia del coronavirus
- The Guardian* (UK). March 2020. I have culled my friends to just the ones I value.
- Psychology Today*. November 2019. Is quality better than quantity in social relationships? New research examines how social networks change over time.
- Daily Mail* (UK). November 2019. Quality of friends – NOT quantity – is the key to being happy and large networks on social media are no match for closeness in real life, study finds.
- BBC China*. September 2019. Is human intelligence at its peak and the future only getting dumber?
- BBC Future* (UK). July 2019. Has humanity reached 'peak intelligence'?
- BBC World Service* (UK). May 2019. The Why Factor: Why do we find it hard to cut our losses?
- CBC* (Canada). May 2019. The Why Factor: Why do we find it hard to cut our losses?
- Science Newsline*. February 2018. How do your friends plan to vote?
- The Conversation* (UK). February 2018. Incontinence affects more than 200m people worldwide, so why isn't more being done to find a cure?
- Times of Malta*. (Malta). February 2018. Why isn't more being done to find cure for incontinence?
- Reader's Digest* (Canada). December 2017. Release yourself from regrets.
- The Guardian* (UK). June 2017. Heatwaves are national emergencies and the public need to know.
- The Independent* (UK). June 2016. How ageing affects the way we make decisions.
- The Conversation* (UK). June 2016. How ageing affects the way we make decisions.
- NRC Handelsblad* (the Netherlands). March 2015. Warmt de aarde op? Fijn, een paar graadjes erbij.
- Britain in 2015* (UK). December 2014. The heat is on.
- New Statesman* (UK). October 2014. The great Ebola scare.
- Washington Examiner*. August 2014. Americans keep getting inflation wrong – here's why that matters.
- Metro* (UK). July 2014. Britain braces for heatwave... but can't we just use common sense to keep cool?
- Chicago Policy Review*. March 2014. Discounting Energy Savings: Lessons from incandescent light bulbs.
- Yorkshire Evening Post* (UK). January 2014. Properly labeling light bulbs could help to make a greener planet, research finds.
- Top Sante Magazine* (UK). February 2013. Making Big Decisions.
- Slate*. July 2012. Did Gymnast Jordyn Wieber Perform Too Soon?
- Geowissen* (Germany). April, 2010. Neigen sie zu Fehlentscheidungen?
- Pittsburgh Post Gazette*. November, 2009. Medical advice is the last thing we want to be unsure about.
- New Scientist* (UK). October, 2009. Clever fools: Why a high IQ doesn't mean you're smart.
- MSNBC News Online*. May, 2007. Why some people are walking disasters. Smart people don't automatically make smart choices, research reveals.
- Pittsburgh Tribune Review*. March, 2006. Reports mixed on avian flu.
- Discover Magazine*. June, 2005. And the last shall be the first.
- Conde Nast Traveler*. March, 2005. Who do we trust?
- CBS News*. March, 2005. Perform last, finish first.

- ABC News Online*. March, 2005. Study: To Get Top Scores, Go Last?
- MSNBC News Online*. March, 2005. Study shows the final contestants have an edge.
- Pittsburgh Post Gazette*. March, 2005. Why last usually are first.
- Nature News Online*, February, 2005, Compete first, finish last.
- KDKA newsradio*. March, 2005.
- New Scientist* (UK). March, 2005. Perform last if you want to come first.
- BBC radio 5 Weekend News* (UK). February, 2005.
- Newstalk 106fm* (Ireland). February, 2005.
- CHQR Calgary* (Canada). February, 2005.
- The Research Digest*, the British Psychological Society, issue 37. February, 2005. Last but definitely not least.
- Sunday Telegraph* (UK). February, 2005. The best man won't always win, especially when he goes first.
- Globe and Mail* (Canada). February, 2005. The last shall be first?
- Sunday Times* (Ireland). February, 2005. Eurovision: It's all about singing last.
- NRC Handelsblad* (Netherlands). February, 2005. De laatsten zijn bovengemiddeld vaak de eersten.
- Kennislink.nl* (Netherlands). February, 2005. Laatste wint de wedstrijd.
- Het Volk Online* (Belgium). February, 2005. De laatsten zullen de eersten zijn.
- Dagbladet.no* (Norway). February, 2005. Fordel å synge sist.
- Netzeitung.de* (Germany). February, 2005. Im Wettbewerb entscheidet nicht Talent allein.
- Online Dating Magazine*. April, 2004. DVD helps teenage girls.
- National Geographic Traveler*. May/June, 2004. Is it safe to go back?

## REVIEWING

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Journals. Acta Psychologica, Basic Applied Social Psychology, Canadian Journal of Behavioral Science, Climatic Change, Cognitive Psychology, Energy Policy, Environmental Research Letters, Environmental Science and Technology, European Journal of Political Economy, European Psychologist, Health Psychology Review, International Journal of Conflict Management, Journal of Adolescent Health, Journal of Applied Econometrics, Journal of Behavioral Decision Making (*editorial board, 2010-date*), Journal of Defense Modeling and Simulation, Journal of Economic Behavior and Organization, Journal of Economic Psychology, Journal of Experimental Psychology: Applied (*editorial board, 2013-date*), Journal of Experimental Psychology: General, Journal of Experimental Psychology: Learning, Memory, and Cognition, Journal of Risk Research (*editorial board, 2015-date*), Judgment and Decision Making, Medical Decision Making (*editorial board, 2015-2021*), Nature Climate Change, Organizational Behavior and Human Decision Processes (*editorial board, 2005-2007*), PLOS-one, Population and Environment, PNAS, Psychology and Aging (*editorial board, 2014-date*), Psychological Science, Rationality and Society, Review of Economic Studies, Risk Analysis, Science Communication, Social Cognition, Sustainability, Thinking & Reasoning.

Funding organizations. National Science Foundation (U.S.), National Science Foundation (the Netherlands), National Science Foundation (Switzerland), Biotechnology and Biological Sciences Research Council (UK), Medical Research Council (UK), Economic and Social Research Council (UK)

Conferences. Annual meeting for the Society for Medical Decision Making, Annual meeting for the Society of Judgment and Decision Making (*program committee 2009-2012*), Behavioral Decision Research in Management (*program committee 2014, 2016*), Bi-annual meeting of the European Association for Decision Making, International Association for Research in Economic Psychology (*program committee 2019*), National Academy of Sciences Colloquium on The Science of Science Communication II