

Curriculum Vitae

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CURRENT POSITIONS

2006 – present Associate Behavioral Scientist, RAND Corporation, Pittsburgh
2007 – present Adjunct Assistant Professor of Psychiatry, University of Pittsburgh School of Medicine

EDUCATION

Ph.D. Behavioral Decision Theory, 2000, Carnegie Mellon University, Pittsburgh, PA
Dissertation: *An Individual Differences Measure of Decision-Making Competence.*
M.S. Behavioral Decision Theory, 1997, Carnegie Mellon University, Pittsburgh, PA
M.S. Statistics, 1996, Carnegie Mellon University, Pittsburgh, PA
B.A. Psychology/Statistics, 1993, University of Michigan, Ann Arbor, MI (Magna Cum Laude)

RESEARCH INTERESTS

Individual differences in decision making
Risk perception, risk communication, and risk taking
Group decision making
Confidence in judgment
Decision making of at-risk populations

SPONSORED RESEARCH

2007-2009 Office of the Secretary of Defense, *Evaluation of service member and family educational needs about Traumatic Brain Injury (TBI)*, PI, 08/07-02/09, \$500,000.
2007 RAND Public Health Preparedness, *Leadership in Group Decision Making*, co-PI, 05/07-09/07, \$80,712.
2002-2005 National Science Foundation, *Individual Differences in Decision-Making Competence*, PI, 08/02-07/05, \$175,000.
2001 Virginia Tech, *International Travel Supplemental Grant*, \$1,000.
1994-1997 National Science Foundation, *Graduate Fellowship Award*.
1994-1996 Russell Sage Foundation Small Grants Program, Behavioral Economics Roundtable, *Behavioral Explanations of the Popularity of Renting to Own*, PI, \$5,000.

REFEREED JOURNAL PUBLICATIONS

Bruine de Bruin, W., Parker, A. M., & Fischhoff, B. (2007). Can teens predict significant life events? *Journal of Adolescent Health, 41*, 208-210.
Bruine de Bruin, W., Parker, A. M., & Fischhoff, B. (2007). Individual differences in Adult Decision-Making Competence. *Journal of Personality and Social Psychology, 92*, 938-956.
Sheng, S., Parker, A.M. & Nakamoto, K. (2007). The effects of price discount and product complementarity on consumer evaluations of bundle components. *Journal of Marketing Theory and Practice, 15*, 53-64.
Sheng, S., Parker, A.M. & Nakamoto, K. (2005). Understanding the mechanism and determinants of compromise effects. *Psychology and Marketing, 22*, 591-609.

- Aiken, A.M., Gold, M.A., & Parker, A.M. (2005). That was then, this is now... Changes in young women's awareness, attitudes, and perceived barriers to using emergency contraception. *Journal of Pediatric and Adolescent Gynecology*, 18, 25-32.
- Parker, A. M., & Fischhoff, B. (2005). Decision-making competence: External validation through an individual-differences approach. *Journal of Behavioral Decision Making*, 18, 1-27.
- Gold, M. A., Wolford, J. E., Smith, K. A., & Parker, A. M. (2004). The effects of advance provision of emergency contraception on adolescent women's sexual and contraceptive behaviors. *Journal of Pediatric and Adolescent Gynecology*, 17, 87-96.
- Stewart, H. E., Gold, M. A., & Parker, A. M. (2003). The impact of using emergency contraception on reproductive health outcomes: A retrospective review in an urban adolescent clinic. *Journal of Pediatric and Adolescent Gynecology*, 16, 313-318.
- Giancola, P. R., & Parker, A. M. (2001). A six year prospective study of pathways toward drug use in adolescent boys with and without a family history of a substance use disorder. *Journal of Studies on Alcohol*, 62, 166-178.
- Fischhoff, B., Parker, A. M., Bruine de Bruin, W., Downs, J. S., Palmgren, C., Dawes, R. M., & Manski, C. F. (2000). Teen expectations for significant life events. *Public Opinion Quarterly*, 64, 189-205.
- Zikmund-Fisher, B.J., & Parker, A.M. (1999). Demand for rent-to-own contracts: A behavioral economic explanation. *Journal of Economic Behavior and Organizations*, 38, 199-216.
- Clark, D. B., Parker, A. M., & Lynch, K. G. (1999). Psychopathology and substance-related problems during early adolescence: A survival analysis. *Journal of Clinical Child Psychology*, 28, 333-341.
- Stone, E.R., Yates, J.F., & Parker, A.M. (1997). Effects of numerical and graphical displays on professed risk-taking behavior. *Journal of Experimental Psychology: Applied*, 3, 243-256.
- Stone, E.R., Yates, J.F., & Parker, A.M. (1994). Risk communication: Absolute versus relative expressions of low-probability risks. *Organizational Behavior and Human Decision Processes*, 60, 387-408.

BOOK CHAPTER

- Parker, A. M., & Fischhoff, B. (2003). Decision-making competence and risk behavior. In D. Romer (Ed.), *Reducing adolescent risk: Toward an integrated approach* (pp. 99-105). Thousand Oaks, CA: Sage Publications.

PUBLISHED ABSTRACTS

- Parker, A.M., Fischhoff, B., & Bruine de Bruin, W. (2006). Who thinks they know more – but actually knows less? Adolescent confidence in their HIV/AIDS and general knowledge. *Advances in Consumer Research*, 33, 12-13.

MANUSCRIPTS SUBMITTED FOR PUBLICATION

- Fischhoff, B., Bruine de Bruin, W., Parker, A. M., Millstein, S. G., & Halpern-Felsher, B. L. (2006). Adolescents' perceived risk of dying. Revising for resubmission to *Risk Analysis*.
- Parker, A. M., Bruine de Bruin, W., Downs, J. S., & Fischhoff, B. (2007). HIV/AIDS knowledge and confidence in teens and their parents. Submitted to the *Journal of Adolescent Health*
- Parker, A.M., Bruine de Bruin, W., & Fischhoff, B. (2007). Maximizers versus satisficers: Decision-making styles, competence, and outcomes. Revising for resubmission to *Judgment and Decision Making*.
- Rittmayer, A.D., Stone, E.R., Parker, A.M., & Swiston, R.C (2006). Not knowing how much you know: Effects of unjustified confidence. Revising for resubmission to the *Journal of Behavioral Decision Making*.
- Stone, E.R. & Parker, A.M. (2007). Why a 20/500 Chance Seems Greater Than a 2/50 Chance: Contributors to the Ratio-Bias Phenomenon. Revising for resubmission to the *Journal of Behavioral Decision Making*.

WORKING MANUSCRIPTS

- Gold, M. A., Parker, A. M., Young, A. J., & DiClemente, C. C. Using the Transtheoretical Model to assess female adolescents' sexual and contraceptive behaviors: Measure development and construct validity.
Target Journal: *Journal of Clinical and Counseling Psychology*
- Parker, A. M., Downs, J. S., Fischhoff, B., Bruine de Bruin, W., & Dawes, R. M. The appropriateness of adolescents' confidence in their knowledge: AIDS-related and general.
Target Journal: *Journal of Adolescent Health*
- Parker, A.M. & Gold, M.A. Emergency contraception: Expectations of product need and use.
Target Journal: *Journal of Consumer Research*
- Parker, A.M., Schuster, M.A., Elliott, M.N., Grunbaum, J., Markham, C., Schwebel, D.C., Tortolero, S., Wallander, J. Future orientation as a mediator of dysregulation's influence on risk-taking behaviors.
Target Journal: *Journal of Adolescent Health*
- Young, A.J., Gold, M.A., Parker, A.M., DiClemente, C.C. Collaboration and agency in abstinence and contraceptive counseling with female adolescents.
Target Journal: *Qualitative Health Research*

COMPETITIVE PAPER PRESENTATIONS

- Parker, A. M., Bruine de Bruin, W., & Fischhoff, B. (2007, November). *Do maximizers make better decisions than satisficers?* Paper to be presented at the Annual Meeting of the Society for Judgment and Decision Making, Long Beach, CA.
- Bruine de Bruin, W., Parker, A.M., & Fischhoff, B. (2005, November). *Decision-making competence: Measures of process and outcome.* Paper presented at the Annual Meeting of the Society for Judgment and Decision Making, Toronto, Canada (presented by W. Bruine de Bruin).
- Bruine de Bruin, W., Parker, A. M., & Fischhoff, B. (2005, August). *Do commonly studied decision-making tasks have external validity?* Paper presented at the Biennial Conference on Subjective Probability, Utility, and Decision Making (SPUDM-20), Stockholm, Sweden (presented by W. Bruine de Bruin).
- Parker, A.M., & Gold, M.A. (2005, February). *Emergency contraception: Expectations of product need and use.* Paper presented at the American Marketing Association Annual Winter Educators' Conference, San Antonio, TX.
- Parker, A.M., & Stone, E.R. (2004, November). *Calibration as a Predictor: Characterizing Overconfidence and Its Consequences.* Paper presented at the Annual Meeting of the Society for Judgment and Decision Making, Minneapolis, MN.
- Sheng, Shubin, Andy Parker and Kent Nakamoto (2002, October). *Decision uncertainty, expected-loss minimization and the compromise effect.* Paper presented at the Annual Meeting of the Association for Consumer Research, Atlanta, GA (Presented by S. Sheng).
- Parker, A.M., & Fischhoff, B. (2001, October). *Decision-making competence.* Paper presented at the Association for Consumer Research Annual Conference, Austin, TX.
- Parker, A.M., & Fischhoff, B. (2000, September). *Individual differences in decision-making competence.* Paper presented at the North American Meeting of the Economic Science Association, Tucson, AZ.
- Parker, A. M., & Fischhoff, B. (1999, November). *Individual differences in decision-making competence.* Paper presented at the Annual Meeting of the Society for Judgment and Decision Making, Los Angeles, CA.
- Zikmund-Fisher, B.J., & Parker, A.M. (1996, October). *Low-income consumer choices and the rent-to-own phenomenon: A behavioral economic approach.* Paper presented at the Annual Meeting of the Economic Science Association, Tucson, AZ (presented by B.J. Zikmund-Fisher).

SYMPOSIUM PRESENTATIONS

- Parker, A.M., Fischhoff, B., & Bruine de Bruin, B. (2005, October). *Who Thinks They Know More – But Actually Knows Less? Adolescent Confidence in their HIV/AIDS and General Knowledge*. Paper presented at the Annual Meeting of the Association for Consumer Research, San Antonio, TX.
- Parker, A.M., Fischhoff, B., & Bruine de Bruin, B. (2004, March). *Further development of a measure of decision-making competence*. Paper presented at the Society for Research on Adolescence Biennial Meeting, Baltimore, MD.
- Parker, A.M., & Fischhoff, B. (2002, April). *Individual differences in decision-making competence*. Paper presented at the Society for Research on Adolescence Biennial Meeting, New Orleans, LA.
- Parker, A. M., & Fischhoff, B. (1999, January). *Individual differences in decision-making competence*. Paper presented at the Annual Meeting of the American Economic Association, New York, NY.

INVITED PRESENTATIONS

- Fischhoff, B., Bruine de Bruin, W., Parker, A.M., Milstein, S.G., & Halpern-Felsher, B.L. (2006, September). *Adolescents' perceived risk of dying*. Paper presented to the Center for Risk Perception and Communication Seminar Series, Carnegie Mellon University, Pittsburgh, PA.
- Parker, A.M. (2002, June). *Decision-making competence and risk behavior*. Comments presented at the Adolescent Risk Conference, Annenberg Public Policy Center, University of Pennsylvania, Philadelphia, PA.
- Parker, A.M., & Fischhoff, B. (2001, November). *Construct validity of teens' probabilistic expectations: Dying and other significant life events*. Paper presented at Survey Research on Household Expectations and Preferences. Institute for Social Research, Ann Arbor, MI.
- Parker, A.M., & Fischhoff, B. (2000, September). *Individual differences in decision-making competence*. Paper presented to the Public Policy Seminar. Martin School of Public Policy, University of Kentucky, Lexington, KY.

POSTER PRESENTATIONS

- Stone, E.R., Parker, A.M., & Kamra, K. (2006, November). *An investigation of the generality of the ratio bias using Indian and American students*. Poster presented at the Annual Meeting of the Society for Judgment and Decision Making, Houston, TX.
- Stone, E.R., Rittmayer, A.D., & Parker, A.M. (2005, February). *Exploring the effects of overconfidence*. Poster presented at the Annual Meeting of the North Carolina Cognition Group, Winston-Salem, NC (presented by E. R. Stone).
- Stone, E.R., Rittmayer, A., & Parker, A.M. (2004, November). *Exploring the effects of overconfidence in casino blackjack*. Poster presented at the Annual Meeting of the Society for Judgment and Decision Making, Minneapolis, MN.
- Parker, A.M., & Stone, E.R. (2003, November). *A psychophysical account for the ratio-bias effect*. Poster presented at the Annual Meeting of the Society for Judgment and Decision Making, Vancouver, BC.
- Parker, A.M., & Fischhoff, B. (2001, August). *Dying and other significant life events: Assessment of teen expectations*. Poster presented at Subjective Probability, Uncertainty, and Decision Making (SPUDM-18), Amsterdam, Netherlands.
- Giancola, P.R., & Parker, A.M. (2000, June). *Pathways toward drug use in boys at high and low risk for substance abuse: A six year prospective study*. Poster presented at the annual scientific conference of the Research Society on Alcoholism, Denver, CO (presented by P.R. Giancola).
- Parker, A. M., Downs, J. S., Fischhoff, B., Bruine de Bruin, W., & Dawes, R. M. (1999, November). *The appropriateness of adolescents' confidence in their knowledge: AIDS-related and general*. Poster presented at the Annual Meeting of the Society for Judgment and Decision Making, Los Angeles, CA.
- Gold, M. A., Young, A. J., Parker, A. M., & DiClemente, C. C. (1999, March). *Using the stages of change model to explore female adolescent contraceptive behaviors*. Poster presented at the Annual Meeting of the Society for Adolescent Medicine, Los Angeles, CA (presented by M.A. Gold).
- Parker, A.M. & Zikmund-Fisher, B.J. (1996, November). *Rent-to-own revisited*. Poster presented at the Annual Meeting of the Society for Judgment and Decision Making, Chicago, IL.

- Parker, A.M., & Zikmund-Fisher, B.J. (1995, November). *Why do people rent-to-own?* Poster presented at the Annual Meeting of the Society for Judgment and Decision Making, Los Angeles, CA.
- Parker, A.M., Stone, E.R., & Yates, J.F. (1992, November). *Risk communication: Relative risk vs. incidence rate displays.* Poster presented at the Annual Meeting of the Society for Judgment and Decision Making, St. Louis, MO.

PROFESSIONAL EXPERIENCE

- Assistant Professor, Department of Marketing, Pamplin College of Business, Virginia Polytechnic Institute and State University, August 2000-July 2006.
- Statistical Consultant, *Female Adolescent Drug Abuse: Biobehavioral Development*, NIDA-funded grant, School of Pharmacy, University of Pittsburgh, PI: Dr. Ada Mezzich, May 2000-August 2000.
- Senior Research Associate and Statistician, Pittsburgh Adolescent Alcohol Research Center, NIAAA-funded center, Western Psychiatric Institute and Clinic, UPMC Health Systems, May 1999-May 2000.
- Statistical Consultant, *The Stages and Processes of Contraception Adoption and Maintenance Among Sexually Active Adolescents*, First Year Faculty Start-Up Grant, Children's Hospital of Pittsburgh, 1997-present, PI: Dr. Melanie Gold.
- Senior Research Associate and Statistician, Center for Education and Drug Abuse Research, NIDA-funded center, Western Psychiatric Institute and Clinic, UPMC Health Systems, November 1997-May 1999.
- Research Assistant to Professor J. Frank Yates, Judgment and Decision Making Laboratory, Psychology Department, University of Michigan, 1991-1993.

PROFESSIONAL ACTIVITIES

- Ad-hoc Journal Reviewer: *American Journal of Public Health, Health Psychology, Journal of Applied Business Research, Journal of Behavioral Decision Making, Journal of Personality and Social Psychology, Judgment and Decision Making, Organizational Behavior and Human Decision Processes, Personality and Individual Differences, Risk Analysis, Southern Economic Journal*
- Grant Reviewer: National Science Foundation
- Conference Reviewer: American Marketing Association (Winter Meetings), Association for Consumer Research, Society for Research on Child Development
- Symposium chair: Association for Consumer Research, October, 2001; American Economic Association Annual Meeting, January, 2002
- Discussant: Subjective Probabilities and Expectations: Methodological Issues and Empirical Applications to Economic Decision-Making, September, 2007.
- Member, Student Poster Competition Committee, Annual Meeting of the Society for Judgment and Decision Making, 2002-2007.

PROFESSIONAL MEMBERSHIPS

- Society for Judgment and Decision Making, 1992-2007
- Association for Consumer Research, 2000-2006
- American Marketing Association, 2005-2006
- Society for Research on Adolescence, 2002-2004
- European Association for Decision Making, 2001-2002
- Economic Science Association, 2000-2001
- American Economic Association, 1998-2000