VITA

BARBARA A. MELLERS

Contact Information		
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Education	215-898-1223 (Wharton) 215-746-8540 (Psychology)	
Education		
1981	Ph.D. Psychology, University of Illinois	
1978	M.A. Psychology, University of Illinois	
1974	B.A. Psychology, University of California, Berkeley Honors in General Scholarship	
Experience		
2015-2016	Chief Science Officer, Good Judgment Inc.	
2011-present	I. George Heyman University Professor, University of Pennsylvania	
2010-2011	Visiting Professor, University of Pennsylvania	
2005-2006	Visiting Scholar, Russell Sage Foundation	
2004-2010	Milton W. Terrill Chair of Business Administration	
2002-2010	Professor of Marketing and Organizational Behavior, Haas School, UC Berkeley	
1996-2002	Professor of Psychology, Ohio State University	
1995-1996	Visiting Professor, Ohio State University	
1981-1995	Assistant to Full Professor of Psychology, UC Berkeley	

Awards and Honors

2022-2025	Distinguished Research Fellow, Annenberg Public Policy Center	
2017	Thomas C. Shelling Award, Kennedy School of Government, Harvard University	
2015-present	Fellow, Society of Experimental Psychologists	
2014-present	Order of Merlin – Shield, International Brotherhood of Magicians	
2010-2019	Scientific Advisory Board, Max Planck Institute for Human Development	
2008	Honorable Mention, Haas Teaching Award, PhD Program	
2007-present	Fellow and Charter Member, Association of Psychological Science	
2007	Visiting Faculty Fellowship, EAP Exchange, University of Trento, Italy	
2005-2006	Russell Sage Visiting Scholarship	
2002-2008	"Club 6" Haas Teaching Recognition	
1997-1998	National Research Council: Impacts of Pathological Gambling	
1996-1997	President, Judgment and Decision Making Society	
1985-1990	Presidential Young Investigator Award	
1984-1985	Regents Junior Faculty Fellowship	
1978-1979	University Fellow, University of Illinois	
1977-1980	NIMH Measurement Traineeship	
Professional Service		

- 2021 External Review Committee, School of Social Science, UC Irvine
- 2021-present PRIAM Committee, Perry World House, University of Pennsylvania
- 2020-present Associate Editor, Collective Intelligence
- 2020-2021 Science Advisor, US-Israel Binational Science Foundation

- 2019- present Advisory Board, Alliance of Decision Education
- 2017-2019 Advisory Group, MindCore, University of Pennsylvania
- 2015-2016 Digital Publishing Committee, Wharton
- 2012-2013 Planning and Priorities Committee, SAS
- 2012-2013 Academic Freedom and Responsibility Committee, Wharton
- 2012-2013 Dean's Advisory Committee, Wharton
- 2012-2013 Integrating Knowledge Working Group, University of Pennsylvania
- 2011-present Co-investigator, Roybal Center
- 2011-2014 Publications Committee, Judgment and Decision Making Society
- 2006-present Associate Editor, Journal of Judgment and Decision Making
- 2006-2008 Executive Director, Experimental Social Science Laboratory
- 2006-2009 Executive Board, Judgment and Decision Making Society
- 2005-2010 Scientific Committee, FUR
- 2004-2006 Consulting Editor, *California Management Review*
- 2003-2007 Consulting Editor, *Psychological Science*
- 2002-2004 Associate Editor, Journal of Mathematical Psychology
- 2002-present Advisory Council, Decision Education Foundation
- 2000-2006 Publications Committee, Judgment and Decision Making Society
- 1999-2008 Consulting Editor, JEP: Learning, Memory, and Cognition
- 1999-2008 Consulting Editor, *Psychological Review*
- 1999-2001 NSF Review Panel: Measurement, Methodology, and Statistics
- 1998-2002 Consulting Editor, *Psychological Bulletin*

1998-2000	CSR Evaluation Advisory Committee for NIH
1997-2000	Executive Board, Federation of Behavioral, Psychological, & Cognitive Sciences
1994-present	Consulting Editor, Journal of Behavioral Decision Making
1992-1994	Executive Board, Judgment and Decision Making Society
1990-1992	Program Committee, Judgment and Decision Making Society
1988-1992	Consulting Editor, JEP: Human Perception and Performance
1988-1990	Associate Editor, Journal of Educational Statistics

Grants and Contracts

IARPA FOCUS "Good Judgment 2.0", 2019-2022 with Philip Tetlock

- IARPA Tests and Evaluation for CREATE "Crowdsourcing, Evidence, Argumentation, Thinking, and Evaluation, 2016- 2017 with Philip Tetlock
- NSF Decision, Risk, and Management Science, 2016-2019, with H. Arkes, "Forecasting and Political Discourse"
- IARPA ACE "Exploring the Optimal Forecasting Frontier: How Much Room is there to Improve Subjective Forecasting Accuracy?" 2011-2015, with P. Tetlock and D. Moore
- NSF Major Research Instrumentation, 2003-2006, with G. Akerlof, T.Ho, and J. Morgan. "Development of an Experimental Social Science Laboratory"
- NSF Decision, Risk, and Management Science, 2001-2004, with I. Ritov. "Investigating Emotion-Based Choice"
- NSF Decision, Risk, and Management Science, 1996 -1998, with I. Ritov. "What Is, What Was, and What Might Have Been: Emotional Reactions to the Outcomes of Risky Options"
- NSF Decision, Risk, and Management Science, 1994-1997, with M. Birnbaum,
 W. Edwards, and R.D. Luce. "Risk Aversion and Changing Reference Points in California Lottery Winners"

NSF	Decision, Risk, and Management Science, 1994-1995 "Rational and Emotional Aspects of Risky Decision Making"	
NSF	Decision, Risk, and Management Science, 1991-94 "Effects of Similarity on Judgment and Choice"	
NSF	Decision, Risk, and Management Science, 1989-91 "Discrepancies Between Judgment and Choice"	
NSF	Memory and Cognitive Processes, 1990-91 "MRG: Honorable Mention"	
NSF	Memory and Cognitive Processes, 1985-90 "Presidential Young Investigator Award"	
Grant from Council on Educational Development, 1983, 1984, 1987		
Grant from Committee on Research, 1985.		
Summer Research Grant, Faculty Development Program, 1982		

Biomedical Research Funds, 1980, 1981, 1982, 1983, 1989

Research

- Atanasov, P., Witkowski, J., Mellers, B., & Tetlock, P. The person-situation debate revisited: Forecasting skill matters more than elicitation method, Under review
- Karger, E., Monrad, J.T., Mellers, B. & Tetlock, P. (2021) Reciprocal scoring: A method for forecasting unanswerable questions. Under review.
- Tetlock, P., Lu, Yunzi & Mellers, B. (2022). False dichotomy alert: Improving subjectiveprobability estimates vs. raising awareness of systemic risk. *International Journal of Forecasting*. In press.
- Satopaa, V., Salikhov, M., Tetlock, P. & Mellers, B (2022). Decomposing the effects of crowd wisdom aggregators: The Bias-Information-Noise (BIN) model. *International Journal of Forecasting*.

- Satopaa, V., Salikhov, M., Mellers, B., & Tetlock, P. (2021). Bias, information, noise: The BIN model of forecasting, *Management Science*.
- Yin, S., Arkes, H., McCoy, J., Cohen, M., & Mellers, B. (2021). Conflicting goals influence physicians' expressed beliefs to patients and colleagues. *Medical Decision Making*.
- Mellers, B., Yin, S., & Berman, J. (2021). Reconciling loss aversion and gain seeking. *Current Directions*.
- Silver, I., Mellers, B. & Tetlock, P. (2021). Predicting wise teamwork: Collective calibration predicts the effectiveness of group discussion, *Journal of Experimental Social Psychology*.
- Milkman, K. (2021) plus 42 other authors, including me. A mega-study approach to applied behavioral science. *Nature: Human Behavior*.
- Karetski, C., Meinel, C., Maxwella, D., Yunzi, L., Mellers, B., & Tetlock, P. (2021). Forecasting the accuracy of forecasters from properties of forecasting rationales. *International Journal of Forecasting*.

- Aldama, A. Bicchieri, C., Freundt, J., Mellers, B., & Peters, E. (2020). How perceptions of autonomy relate to beliefs about inequality and fairness. *PlosOne*
- Atanasov, P. Ungar, L. Mellers, B.A. & Tetlock, P. E. (2020). Small steps to accuracy: Incremental belief updaters are better forecasters. *Organizational Behavior and Human Decision Processes*, 160, 19-35.

2019

- Mellers, B. & Tetlock, P. (2019) From discipline-centered rivalries to solution-centered science: Producing better probability estimates for policy-makers. *American Psychologist*, 74, 290-300.
- Mellers, B., Tetlock, P. & Arkes, H. (2019). Forecasting tournaments, epistemic humility and attitude depolarization, *Cognition*, 188, 19-26.
- Horowitz, M., Stewart, B., Tingley, D., Chang, W., Roberts, M., Resnick L, Bishop, M., Tetlock, P., & Mellers, B. (2019). What makes foreign policy teams tick: Explaining variation in group performance at geopolitical forecasting. *Journal of Politics*

Dana, J., Atanasov, P., Tetlock, P. & Mellers, B. (2019). The power of "just asking" to measure

beliefs. Journal of Judgment and Decision Making.

- Bhatia, S., Mellers, B., & Walasek, L. (2019). Affective responses to uncertain real-world outcomes. *PlosOne*.
- Hart, E., Mellers, B., & Biccheri, C. (2019). Bad luck or bad intentions? When do third parties reveal offenders' intentions to harm victims? *Journal of Experimental Social Psychology*.

2018

- Weingarten, E., Bhatia, S., & Mellers, B. (2018). Multiple goals as reference points: One failure makes another outcome feel worse. *Management Science*.
- Cross, D., Scott, D., Ramos, J., Mellers, B., & Tetlock, P. (2018). Robust forecast aggregation: Fourier L2E regression, *Journal of Forecasting*.
- Friedman, J., Baker, J., Mellers, B., Tetlock, P. & Zeckhauser, R. (2018). The value of precision in probability assessment: Evidence from a large-scale geopolitical forecasting tournament. *International Studies Quarterly*, 62, 410–422.

- Merkle, E., Steyvers, M. Mellers, B. & Tetlock, P. (2017). A neglected dimension of good forecasting judgment: The questions we choose matter. *International Journal of Forecasting*, *33*, 817-832.
- Atanasov, P., Rescober, P., Stone, E., Swift, S., Servan-Schreiber, E., Tetlock, P. Ungar, L., & Mellers, B. (2017). Distilling the wisdom of crowds: Prediction markets versus prediction polls, *Management Science*, 63, 691-706
- Chang, W., Atanasov, P., Patil, S., Mellers, B., & Tetlock, P.E. (2017). Accountability and adaptive performance under uncertainty: The long view. *Judgment and Decision Making*.
- Mellers, B., Baker, J., Chen. E., Mandel, D., & Tetlock, P. (2017). How generalizable is good judgment? A multi-task, multi-benchmark study. *Journal of Judgment and Decision Making*.
- Bo, E. Y., Budescu, D. V., Lewis, C., Tetlock, P. & Mellers, B. (2017). An IRT forecasting model: Linking proper scoring rules to item response theory. *Journal of Judgment and Decision Making*,
- Tetlock, P., Mellers, B. & Scoblic, J. P. (2017). Sacred vs. pseudo-sacred values: How people cope with taboo tradeoffs. *American Economic Review, Proceedings*.

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- Chang, W., Chen, E., Mellers, B. & Tetlock, P. (2016). Developing expert political judgment: The impact of training and practice on judgmental accuracy in geopolitical forecasting tournaments, *Journal of Judgment and Decision Making*, 11, 509-526.
- Sun, Y. & Mellers, B. (2016). Trade-upgrade framing effects: Trades are losses, but upgrades are improvements. *Journal of Judgment and Decision Making*, *11*, 582-588.
- Speck, R., Neuman, M., Resnick, K. Mellers, B. Fleisher, L. (2016) Anticipated regret in shared decision making: A randomized experimental study. *Perioperative Medicine*.
- Chen, E., Budescu, D., Lakshmikanth, S., Mellers, B., & Tetlock, P. (2016). Validating the contribution-weighted model: Robustness and cost-benefit analyses. *Decision Analysis*, 1-25.
- Patil, S., Tetlock, P., & Mellers, B. (2016). Accountability systems and group norms: Balancing the risks of mindless conformity and reckless deviation. *Journal of Behavioral Decision Making*.
- Jung, J. & Mellers, B.A. (2016). American attitudes toward nudges, *Journal of Judgment and Decision Making*, 11, 62–74.
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- Merkle, E., Steyvers, M., Mellers, B., & Tetlock, P. (2015). Item response models of probability judgments: Application to a geopolitical forecasting tournament. *Decision, 3,* 22.

Self, W.T., Mitchell, G. Mellers, B.A., Tetlock, P.E., Hildreth, J.A.D. (2015) Balancing fairness and efficiency: The impact of identity-blind and identity-conscious accountability on applicant screening. *Plos One*.

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2014

- Tetlock, P., & Mellers, B. (2014). Judging political judgment. *Proceeding of the National Academy of Sciences, 111,* 11574-11575.
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Inchauspe, J., Atanasov, P., Mellers, B., Tetlock, P., & Ungar, L. (2014). A behaviorally

informed survey-powered market agent. Journal of Prediction Markets. 8, 1-28.

2013

- Mellers, B.A., Fincher, K. Drummond, C., & Bigony, M. (2013). Surprise: A belief or an emotion? In V. S. Chandrasekhar Pammi, editors: Decision making: neural and behavioural approaches, Vol 202, PBR, Chennai: Elsevier, 2013, pp. 1-20.
- Atanasov, P., Rescober, P., Stone, E., Servan-Schreiber, E., Mellers, B. Tetlock, P., & Ungar, L. (2013). The marketcast method for aggregating prediction market forecasts. *International Conference on Social Computing, Behavioral-Cultural Modeling, & Prediction* (SBP13).
- Haran, U., Ritov, I., & Mellers, B. (2013) The role of actively open-minded thinking in information acquisition, accuracy, and calibration. *Journal of Decision Making*, 8, 188-201.

2012

Ungar, L., Mellers, B., Satopaa, V., Baron, J., Tetlock, P., Ramos, J., Swift, S. (2012) The good judgment project: A large scale test of different methods of combining expert predictions. *AAAI Technical Report FS-12 06. Machine Aggregation of Human Judgment.*

2011

- Tetlock, P.E., & Mellers, B.A. (2011). Intelligent management of intelligence agencies: Escaping the accountability blame game by signaling commitment to trans-ideological epistemic values. *American Psychologist, 66*, 542-554.
- Tetlock, P.E., & Mellers, B.A. (2011). Structuring accountability systems in organizations: Key tradeoffs and critical unknowns. In National Research Council, B. Fischhoff, and C. Chauvin, Eds., *Behind the Science of Intelligence Analysis*. Committee on Behavioral and Social Science Research to Improve Intelligence Analysis for National Security, Board on Behavioral, Cognitive, and Sensory Sciences, Division of Behavioral and Social Sciences and Education. Washington, DC: The National Academies Press.

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Valenzuela, A., Mellers, B.A., & Strebel, J. (2010). Pleasurable surprises: A cross-cultural study of consumer responses to unexpected incentives. *Journal of Consumer Research, 36*, 792-805.

2009

- Blanton, H., Jaccard, J., Klick, J., Mellers, B., Mitchell, G., & Tetlock, P. (2009). Strong claims and weak evidence: Reassessing the predictive validity of the IAT. *Journal of Applied Psychology*, 94, 567-582.
- Blanton, H., Jaccard, J., Klick, J., Mellers, B., Mitchell, G., & Tetlock, P. (2009). Weak defense of weak evidence: Transparency trumps trust. *Journal of Applied Psychology*, 94, 598-603.

2007

- Heyman, J., & Mellers, B.A. (2007). Perceptions of fair pricing. In Haugtvedt, C., Kardes, F., & Herr, P. (Eds.) *Handbook of Consumer Psychology*. Lawrence Erlbaum, NJ
- Mellers, B.A., & Locke, C. (2007). What can we learn from our mistakes? In R. Miles and D. von Winterfeldt (Eds.) Advances in Decision Analysis. NY: Cambridge University Press, pp 351-374.
- Mellers, B.A. (2007). Surprise. In R. Baumeister & K. Vohs (Eds.) *Encyclopedia of Social Psychology*, Sage.

2006

Rieskamp, J., Busemeyer, J., & Mellers, B.A. (2006.) Extending the bounds of rationality: Evidence and theories of preferential choice. *Journal of Economic Literature*, 44, 631-661.

- Shiv, B., Bechara, A., Levin, I., Alba, J.W., Bettman, J.R., Dube, L., Isen, A., Mellers, B., Smidts, A., Grant, S.J., & McGraw, P. (2005). Decision neuroscience. *Marketing Letters*, 16, 375-386.
- McGraw, A.P., Mellers, B.A., & Tetlock, P.E. (2005). Expectations and emotions of Olympic athletes. *Journal of Experimental Social Psychology*, 41, 438-446.
- Haselhuhn, M., & Mellers, B.A. (2005). Emotions and cooperation in economic games. *Cognitive Brain Research, 23,* 24-33.

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Mellers, B.A.(2000). Choice and the relative pleasure of consequences. <u>Psychological Bulletin</u>, 126, 910-924.

1999

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 J. Shanteau, B. A. Mellers, & D. Schum. (Eds.) Decision research from Bayesian approaches to normative perspectives: Reflections on the contributions of Ward Edwards. NY, NY:Kluwer Academic Publishers.
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1998

Mellers, B.A., Schwartz, A., & Cooke, A. (1998). Judgment and decision making. *Annual Review of Psychology*, 49,447-77.

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1997

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1996

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1995

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Mellers, B.A., Berretty, P.M., & Birnbaum, M. (1995). Dominance violations in judged prices

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Mellers, B.A., Weber, E.U., Ordónez, L.D., & Cooke, A. (1995). Utility invariance despite labile preferences. In J.R. Busemeyer, R. Hastie, & D.M. Medin (Eds.) Decision Making from a Cognitive Perspective. The Psychology of Learning and Motivation, Vol. 32 (pp. 33-82). New York: Academic Press.

Mellers, B.A. (1995). Review of "Choosing Justice" in *Ethics*, 105, 702.

1994

Mellers, B.A., & Biagini, K. (1994). Similarity and choice. Psychological Review, 101, 505-518.

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1993

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1985

Mellers, B.A. (1985). A reconsideration of two-person inequity judgments: Reply to Anderson. Journal of Experimental Psychology: General, 114, 514-520.

1984

Mellers, B.A., Davis, D.M., & Birnbaum, M.H. (1984). The weight of evidence supports one operation for "ratios" and "differences" of heaviness. *Journal of Experimental Psychology: Human Perception and Performance*, 10, 216-230.

1983

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1978

Birnbaum, M.H., & Mellers, B.A. (1978). Measurement and the mental map. *Perception and Psychophysics, 23,* 403-408.

1977

Ryeta, Ima Göst (1977). Nihm's law only perfect on the average. *American Psychologist, 32,* 372.

Presentations

Invited Lectures

Inaugural James Naylor Speaker Series, Columbus, Ohio - 2022 International Association for Research in Economic Psychology, Kahneman Lecture, 2022 Strategy and Psychology Speaker Series, Vienna University of Economics and Business | - 2022 DIMACS Workshop on Forecasting, 2021 Gates Foundation, 2019 NAS Decadal Survey, Social and Behavioral Sciences, Applications to National Security, 2018 Workshop on Cognitive Biases in Forecasting, Davos, 2017 Wharton Reunion, 2017 Society of Experimental Psychologists, 2016 Ideas42 Behavioral Summit, New York, 2016 University of Lisbon, Portugal, 2016 Anastasi Lecture, Fordam University, New York, 2016 Ohio State University 2015 Federal Reserve Board, 2015 SPUM, Budapest, 2015 IARPA, Arlington, VA 2015

University of Arizona, 2014 University of California, San Diego, 2013 University of Texas, Austin, 2013 Social, Business and Economic Issues in Judgment and Decision Making, University of Maryland, 2013 Engaging Minds University of Pennsylvania, Los Angeles, San Francisco, New York, 2011-12 International Graduate School of Business, University of South Australia, Adelaide, 2011 International Conference on Decision Making, Allahabad, India, 2011 Cognitive Psychology Seminar, University of California, Berkeley 2007 University of Pennsylvania, 2007 University of Trento, Italy, 2006, 2007 Symposium and Summer Institute on Psychology and Economics, Munich, Germany, 2006 Russell Sage Foundation, NY, 2005 NYU Marketing, 2005 NYU Psychology Department, NY, 2005 Carnegie Mellon University, Pittsburgh, PA, 2005 Decision Analysis Seminar, Stanford University, CA, 2005, 2007 Helen Willis Neuroscience Institute, UCB, 2005 Rady School of Management, UCSD, 2005 Columbia University, New York., 2004 Choice Symposium, Boulder, Colorado, 2004. San Francisco State University, San Francisco, CA, 2004 Duke University, Raleigh, N.C., 2004 Center for Mind and Brain, Davis, CA, 2004. Judgment and Decision Processes, Heidelberg, Germany, 2004. Information Aggregation Workshop, Baltimore, MD, 2003. SQAB, San Francisco, CA, 2003. Marketing Department, Stanford University, CA, 2003. Agricultural Economics Seminar, UCB, 2003. University of California, Irvine, 2003. Psychology and Economics Seminar, UCB, 2003 Marketing Consortium, Santa Clara, CA, 2003 Institute for Personality and Social Psychology, UCB. 2003. Haas School of Business, UCB, 2001 CEPR Conference on Psychology and Economics. Brussels, Belgium, 2001. The Amsterdam Symposium, Amsterdam, The Netherlands, 2001 Pre-Conference with the Association for Consumer Research, Columbus, OH, 1999 Festschrift for Bill Meredith, Psychology, Dept, Berkeley, CA, 1999 American Psychological Association, San Francisco, CA, 1998 The May Conference, Ann Arbor, Michigan, 1998 CORS/INFORMS. Montreal, Canada, 1998. University of Washington, Seattle, 1997 Presidential Address, Judgment and Decision Making Society, Chicago, IL, 1996 IFORS, Vancouver, B.C., Canada, 1996

Psychology, Ohio State University, Columbus, 1996 University of Arizona, Tucson, 1996. Association for Consumer Research, Tucson, 1996 Psychometric Society Meetings, 1993 University of California, Berkeley, 1993 Johns Hopkins University, Baltimore, 1993 Kansas State University, Lawrence, Kansas, 1992 Nags Head South, Palm Beach, Florida, 1992 California State University at Fullerton, 1991 International Conference on Preference, Risk, and Social Choice, University of California, Irvine SOBRAPO-TIMS International Meeting, Rio de Janiero, Brazil, 1991 Conference in Decision Theory, U. C. Irvine, 1990 Nags Head, North Carolina, 1990. Center for Decision Research, Chicago, 1990. Measurement Colloquium Series, Center for Advanced Study, Stanford, 1988. Fechner Centennial, Leipzig, East Germany, 1987 Psychology Dept, University of Wyoming, Laramie, 1986. Neyman Seminar, Department of Statistics, UCB, 1986 Berkeley-Stanford Quantitative Methods Colloquium, Stanford, 1984 University of California, Santa Barbara, 1982

Conferences

Heterodox, 2019
BDRM, 2014
Association for Psychological Science, 2014, 2015
Collective Intelligence, 2014
Association for Consumer Research, 1999, 2005
Society for Consumer Psychology, 2004
Bayesian Research Meetings, Los Angeles, 1987, 1988, 1989, 1990, 1993, 1997
FUR, Durham, North Carolina, 1990
Judgment and Decision Making Society, 1982, 1985, 1997, 1999, 2000, 2005, 2009, 2012, 2013, 2016
Mathematical Psychology Meetings, 1982, 1986, 1988, 1989, 1991, 1992, 1993, 1999
Midwestern Psychological Association, Chicago, 1978
ORSA-TIMS, 1993

Psychonomic Meetings, St Louis, 1981, 1984, 1987, 1988, 1989, 1991, 1992