

CURRICULUM VITAE

Richard Gonzalez

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Last updated: June 30, 2022

[Link to Recent CV: www.umich.edu/~gonzo/gonzocv.pdf](http://www.umich.edu/~gonzo/gonzocv.pdf)

[Link to Google Scholar: tinyurl.com/kwkumzhJ](https://tinyurl.com/kwkumzhJ)

Education

Ph.D.	1990	Stanford University. Psychology
B.A.	1985	University of California, Los Angeles. Psychology

Professional Experience

2001-present	Professor, Department of Psychology, University of Michigan Professor, Department of Statistics, University of Michigan
2004-present	Research Professor, Research Center for Group Dynamics, Institute for Social Research, University of Michigan
2015-present	Professor of Integrative Systems and Design, College of Engineering, University of Michigan
2012-present	Faculty Associate, Center for Computational Medicine and Bioinformatics, University of Michigan
2002-present	Faculty Associate, UM Comprehensive Cancer Center, University of Michigan
2010-2019	Research Professor, Center for Human Growth and Development, University of Michigan
2001-2021	Professor, Marketing, Business School, University of Michigan
1997-2004	Faculty Associate, Research Center for Group Dynamics, Institute for Social Research, University of Michigan
1997-2001	Associate Professor, Department of Psychology, University of Michigan Adjunct Associate Professor, Department of Statistics, University of Michigan
1998, 1999	Visiting Associate Professor (summers), Graduate School of Business, University of Chicago
1996-1997	Visiting Associate Professor, Department of Psychology, Princeton University
1996-1997	Associate Professor, Department of Psychology, University of Washington

	Adjunct Associate Professor, Management and Organization, School of Business, University of Washington
1990-1996	Assistant Professor, Department of Psychology, University of Washington

Honors and Awards

Best paper and best poster awards listed separately under individual presentations below

2019	Jacob Cohen Award for Contributions to Teaching and Mentoring, American Psychological Association
2016-present	Amos N. Tversky Collegiate Professor of Psychology and Statistics
2013	Allen Edwards Lectureship, University of Washington
2012	American Education Research Association Division I Outstanding Research Publication Award for 2012
2011	Rackham Distinguished Faculty Achievement Award, University of Michigan
2011	Visiting Professor Scholarship, University of Warsaw (declined)
2011	Corona Visiting Chair, Universidad de los Andes, Bogotá, Columbia (declined)
2009	Association for Psychological Science (APS) Fellow
2009	American Psychological Association (APA) Fellow
2009	Annual Robert Wherry Invited Lecture, Psychology & Statistics, Ohio State University
2009	Teaching with Technology Institute Award, University of Michigan
2009	Society of Experimental Social Psychology (SESP) Fellow
2005	Society for Multivariate Experimental Psychology, elected member
2005-2008	Annual participant, APA Scientific Leadership Workshop
2004	Black Student Psychological Association Certificate of Appreciation
2001	Fellow, CIC Academic Leadership Program
1997	Junior Scientist, Workshop in Mathematical Behavioral Sciences, Irvine, CA.
1995	University of Washington, College of Arts and Sciences Mentoring Award
1988-1990	Hewlett Packard Research Fellowship
1985-1988	National Science Foundation Graduate Fellowship
1985	U.C.L.A. Alumni Association Outstanding Senior Award
1985	U.C.L.A. College of Letters and Science Undergraduate Award
1985	Bachelor's Thesis Highest Honors, U.C.L.A.
1982-1984	University of California Regents Scholarship
1981	Rotary Club Study Abroad Scholarship (declined)

Research Grants

Principal Investigator

2021-2022	Advances in decision making models. Adidas.
2019-2021	Understanding how people make tradeoffs (with Dale Griffin). Toyota Research Institute.
2017-2021	Combining decision making models and biomechanics (with C. Agresta). Adidas.
2015-2022	Proctor & Gamble. Biosocial Methods Innovation Collaboration. Several research grants.
2017-2019	Exercise and Sport Science Initiative, Injury resiliency model for collegiate running sports (with C. Agresta, J. Deneweth Zandler, & J. Housner). University of Michigan.
2016-2019	National Science Foundation, Advanced computational neuroscience network (ACNN), Spokes Big Data Award. PI of both multi-university group and PI of UM site.
2015	National Institute on Aging, Operationalizing affective complexity: Measurement & applications (with Jacqui Smith). Conference grant.
2013-2015	Ford Motor Company, Consumer choice in a multi-modal transportation environment (with D. Chock).
2012-2013	Graham Environmental Sustainability Institute, Consumer uptake of seamless, multi-modal mobility (with D. Chock). Funding both Phase I and Phase II.
2011	Rackham Graduate School, Spring/Summer Research Grant (with Carolyn Yoon and Ji Hye Kim).
2009-2013	National Science Foundation, The role of heuristics in creative and innovative robust designs: Understanding both individual and team-based design (with P. Papalambros and C. Seifert)
2010-2011	Center for Research on Learning and Teaching, Assessing deep knowledge in statistical concepts (with C. Seifert).
2009-2010	Gilbert Whitaker Fund, Interdisciplinary Design Education Studies (with P. Papalambros and S. Daly).
2009-2011	UMTRI, Psychological factors in promoting safety belt use among part-time users (with C. Yoon and C. Seifert).
2008-2010	OVPR, The role of heuristics in creative and innovative robust design (with C. Seifert).
2008-2010	Ford Corporation/University of Michigan Innovation Alliance, Understanding consumers' response to fuel-price change and increased environmental concern (with A. Aribarg).
2007-2008	Society for the Psychological Study of Social Issues, Intersections of class, race, and gender in present and post-affirmative action higher education contexts (with Tiffany Griffin).

2005	SPSP & NSF, Summer Institute in Social Psychology (with Lou Penner and James Jackson).
2001-2002	OVPR, The social psychology of the minority game (with Robert Savit).
1998-2002	National Science Foundation, The social psychology of interaction and group dynamics: The problem of interdependence.
1991-1995	National Science Foundation, Source dependence: Decision making under uncertainty
1994	Graduate School Research Foundation. Joining the disliked crowd: Impact of prior attitudes toward stigmatized groups.
1993	Graduate School Research Foundation, Discretion and decisions by police in eyewitness identifications.
1992	Graduate School Research Foundation, Assessing lineup fairness: The role of context.

Co-PI, Co-Investigator, or Participating Investigator

2022-2026	NSF Mid-scale RI-2: The Research Data Ecosystem (RDE), a National Resource for Reproducible, Robust, and Transparent Social Science Research in the 21st Century. M. Levenstein, PI; Gonzalez, Co-PI
2021-2023	NIH. Exploring the use of deep learning neural networks to improve dementia detection: Automating coding of the clock-drawing test. M. Hu, PI
2021-2023	NIH. Prediction of heart failure onset using multimodal data analysis, deep learning and commercial wearables. S. Ansari, PI
2020-2024	NIH. Leveraging social networks: a novel physical activity intervention for senior housing. N. Webster, PI.
2020-2025	NIH. Data sharing and archiving for demographic research. J. Marcotte, PI
2019-2023	NIH. Daily experiences among black and white dementia caregivers: Implications for well-being and cardiovascular health, Kira Bridett, PI.
2018-2021	National Science Foundation. Demographic-aware lexical semantics. Rada Michalcea, PI.
2018-2013	National Institutes of Health, Michigan Center for Contextual Factors in Alzheimer's Disease. Kristine Ajrouch, PI
2018-2019	Exercise and Sport Science Initiative, Advancing sport science in baseball: Sensor technology and complex analytics to assess and track injury risk in elite level pitchers in real-time. Cristine Agresta, PI. University of Michigan.
2016-2020	General Motors. Multifunctional Vehicle Systems. D. Brei, PI.
2017-2022	Department of Education. Navigating scientific and statistical reasoning in adolescence, Priti Shah, PI
2017-2021	National Science Foundation. RAISE: Neighborhood Environments as Socio-Techno-bio Systems: Water Quality, Public Trust, and Health in Mexico City, Elizabeth Roberts, PI

2016-2021	National Institutes of Health. A longitudinal study of neural network development in children who stutter, Soo-Eun Chang, PI.
2016	ATS Foundation, Distinct phenotypes of severe sepsis patients, Hallie Prescott, PI
2015-2020	National Institute of Health. Science of behavior change: Assay development and validation for self-regulation targets. Alison Miller, PI.
2014-2019	NIH/NIMH. Effects of poverty on affective development: A multilevel, longitudinal study. Christopher Monk, PI.
2013-2018	NIH. Social relations, aging and health: Competing theories and emerging complexities. Toni Antonucci, PI.
2013-2016	NSF. Creativity through collaborative human-machine interactions: A formal approach to design crowd sourcing. Panos Papalambros, PI.
2013-2016	NSF. Collaborative Research: Evidence-based pedagogy in engineering education: Design heuristics for concept generation. Shanna Daly (University of Michigan) and Seda Yilmaz (Iowa State University), PIs.
2013-2014	NEXTRANS/USDOT. Information and transportation choices, long and short-term, that link sustainability and livability. Jonathan Levine, PI. Declined.
2012-2014	NIH/NIA. A Web-based survey of daily experienced well-being in older couples. Jacqui Smith, PI.
2012-2014	NSF. Integrating design heuristics into engineering education as a pedagogy for ideation, Shanna Daly, PI.
2011-2016	NIH/NIA. Survey measures of subjective well-being: Age, appraisal, and cognitive effects. Jacqui Smith, PI.
2011-2013	NIH/NCI. Physician use of patient-reported daily diary data in decisions about phase II trials. Felicity Harper, PI.
2011-2013	Ford Corporation/University of Michigan Innovation Alliance. Specifying and estimating joint vehicle sales/shares mid-range forecasting models. Fred Feinberg, PI.
2011-2012	MMPEI/UM. Consumer uptake of seamless multi-modal mobility. P. Sweatman, PI, with S. Zielinski and D. Chock.
2010-2012	Ford Corporation/University of Michigan Innovation Alliance. Urban transportation in a carbon-constrained world—Consumer response to a knowledge-based multi-modal transportation system. P. Sweatman, PI, D. Chock, & S. Zielinski.
2010-2015	NIH/NCI. Reducing breast cancer treatment disparities by improving information. T. Albrecht, PI.
2009-2011	NIH/NIA. Experience-based and subjective well-being survey toolkits for older adults. J. Smith, PI.
2008-2009	MMPEI. A design science framework for modeling future GHG emissions in the energy sector. S. Skerlos, PI.

2008-2010	NSF. Workshop series: Interdisciplinary design as an instructional discipline. Parent grant at PSU.
2008-2009	OVPR. A design science framework for modeling future GHG emissions in the energy sector. S. Skerlos, PI.
2007-2012	NICHD. Family transitions and toddler development: A within-family perspective. Brenda Volling, PI.
2006-2008	Ford Corporation/University of Michigan Innovation Alliance. Piquette/BlockM Project. Panos Papalambros, PI.
2005-2010	NIMH. African American racial identity, discrimination and mental disorders. Robert Sellers, PI.
2003-2008	NIH. Family transitions following the death of a sibling. Brenda Volling, P. I
2002-2005	Rackham Graduate School, Antilium Project. Rational humanization of human artifacts. Panos Papalambros, PI.
2001-2004	Johnson Controls, Inc., Analytic Craftsmanship. Panos Papalambros, PI.
2003-2004	Sunbeam Corporation. Product commonality and differentiation in consumer product lines. Panos Papalambros, PI.
2002-2003	National Institute of Aging. Center on Aging and Cognition: Health, Education, and Training. Denise Park, PI.

Consultant, Statistical/Senior/Research Investigator, Network, K Award Mentor

2017-2022	NIH. Technology and parent-child interaction, J. Radesky, PI.
2016-2021	NIH. Racial disparities in health: The roles of stress, social relations and the cardiovascular system, Kira Bridett, PI.
2016-2021	NIH. Study of early brain alterations that predict development of chronic PTSD, Xin Wang, PI
2013-2015	NIH. Longitudinal MRI Study of PTSD Development From Days to Weeks. Xin Wang, PI.
2010-2012	NIH. Emerging Research on Families and Health. Melissa Franks, PI.
2009-2011	NIH/NIA. Harmonization of longitudinal cross-national surveys of aging. Jacqui Smith, PI.
2008-2013	NSF. IRADS: Center for the Study of Black Youth in Context. Stephanie Rowley, PI.
2008-2011	NIH/NIA. Social relations, age and health. Toni Antonucci, PI.
2005-2008	W. T. Grant. A multi-university research evaluation of the educational benefits of intergroup dialogues. Patricia Gurin, PI.
2005-2008	Ford Foundation. Intergroup dialogues: An innovative educational model for leveraging diversity. Patricia Gurin, PI.
2006-2009	Fetzer. Development of young children's compassionate behavior in the family. Brenda Volling, PI.

2005-08	KBN (Poland). Eating styles of adult Poles. G. Wieczorkowska, PI. Total amount unknown; Gonzalez paid consultant fee \$1,500.
2004-2006	NCI. Network on Methodological Development: Biopsychosocial processes and treatment decision making. Terrance Albrecht, PI (network member).
2003-2007	NIA. Family connections across generations and nations. James Jackson, PI.
2001-2006	NIMH. African American racial identity: Across generations. Robert Sellers, PI.
1997-2001	NIMH. Random effects models and multidimensional scaling. Douglas Clarkson, PI.
1998-2001	NIMH. ADVICE: Statistics tutor for generalized linear and nonlinear models. Douglas Clarkson, PI.
2000	NIMH. Berkeley Older Generation Study. Dorothy Field, PI.
1998-1999	NIMH. Contingencies of self-esteem. Jennifer Crocker, PI.

Languages

English, Spanish

Professional Organizations

Society for Multivariate Experimental Psychology, elected member, 2005-present
Society of Experimental Social Psychology, fellow, 1995-present
Psychonomic Society, elected member, 1997-present
American Psychological Association, Fellow
American Psychological Society, charter member, Fellow
Society for Judgment and Decision Making
Society for Mathematical Psychology
Society for Personality and Social Psychology
Society for the Psychological Study of Social Issues
American Statistical Association
Institute for Mathematical Statistics
INFORMS/Decision Analysis

Editorial Work and Reviewing

Associate Editor

American Psychologist, 2006-2008
Theory and Decision, 2002-2004

Editorial Boards/Consulting Editor

Psychological Methods, 2002-2005, 2007-present
Perspectives on Psychological Science, 2010-present

Frontiers in Quantitative Psychology and Measurement, 2010-present
Cultural Diversity and Ethnic Minority Psychology, 2009-2012
Electronic Colloquium on Design Thinking Research, 2010-present
Small Group Research, 2011-2014
Psychological Review, 1997-2009
Psychological Science, 2003-2007
Journal of Experimental Psychology: Learning, Memory and Cognition, 2000-2008
Journal of Personality and Social Psychology, 2000-2005
Personal Relationships, 1997-2001

Ad hoc journal reviewer (since 1990); typically review 35-40 manuscripts per year in the following journals:

Psychological Review
Psychological Bulletin
Psychological Science
American Psychologist
Journal of Mathematical Psychology
Journal of Experimental Psychology: General
Journal of Experimental Psychology: Learning, Memory, and Cognition
Psychological Methods
Journal of Educational & Behavioral Statistics
Sociological Methodology
Communication Methods and Measures
Structural Equation Modeling
Perspectives on Psychological Science
Organizational Behavior and Human Decision Processes
Management Science
Marketing Science
Journal of Risk and Uncertainty
Journal of Behavioral Decision Making
Theory and Decision
Journal of Economic Behavior & Organization
Risk Analysis
Journal of Neuroscience, Psychology, and Economics
Journal of Personality and Social Psychology
Personality and Social Psychology Review
Personality and Social Psychology Bulletin
Journal of Personality
Social Cognition
British Journal of Social Psychology
Personal Relationships

Journal of Social and Personal Relationships
Small Group Research
Cognitive Science
Memory and Cognition
Applied Cognitive Psychology
Instructional Science
Psychology and Aging
Mathematics of Operations Research
Proceedings of the National Academy of Sciences
Nature
Science
Nature Neuroscience
Human Brain Mapping
Biological Psychiatry
Behavior Research Methods, Instruments, and Computers
Child Development
Developmental Psychology
Journal of Research on Adolescence
International Journal of Behavioral Development
Law and Human Behavior
Journal of Applied Psychology
Journal of Vocational Behavior
Journal of Family Psychology
Systems Practice
Review of General Psychology
Journal of Genetic Counseling
Methodology
Journal of Mechanical Design
Artificial Intelligence in Engineering Design, Analysis and Manufacturing
Cultural Diversity and Ethnic Minority Psychology

Ad hoc conference reviewer

Cognitive Science Conference, 2005

Guest Editor

Journal of Experimental Psychology: Learning, Memory and Cognition
Current Opinion in Behavioral Sciences, Mixed Emotion Special Issue (with J. Smith and L. Nielsen),
2017

Grant panels—member

National Institute of Health, SPIP Study Section Permanent Member, 2012-2016
National Science Foundation, Decision, Risk, and Management Sciences Program, 2007-2008
National Science Foundation, Methodology, Measurement, and Statistics Program, 2001-2002

National Institute of Mental Health, Translational Research, 2001-2003

Grant panels—ad hoc

National Institute of Health, 1998-2003, 2021

Grant proposal reviewer—ad hoc

National Science Foundation

National Institute of Mental Health

Air Force Office of Scientific Research

Social Sciences and Humanities Research Council of Canada

Israel Science Foundation

Teaching

Formal courses taught since 2002: First Year Graduate Statistics Sequence; Graduate level Theories of Social Psychology; Psychology of Choice and Decision; Seminar in Social Psychology; Design Process Models; Decision Consortium

Informal teaching/mentoring: typically work with 4-6 graduate students and over 10 undergraduate students each semester

Teaching interests (have taught these courses since 1990): undergraduate & graduate statistics; research methods; psychological measurement; multivariate statistics; mathematical psychology & modeling; marketing and design models; judgment and decision making; negotiation (both PhD and MBA courses); social psychology; group dynamics

Administrative Activities and Service

University of Michigan (1997-present)

Director, Biosocial Methods Collaborative, 2013-present

Director, Research Center for Group Dynamics, 2015-present

Research Associate Dean Representative, University of Michigan, 2018-present

Member, Translational Research Council, UM Office of Research, 2016-present

Member, University Committee on Disclosure to Research Participants, 2017-present

Member, Executive Advisory Committee, fMRI Lab, 2018-present

Member, Overview Committee for PhD in Scientific Computing, 2018-present

Member, President's Advisory Panel on the Biosciences, 2014-2015, 2017-present

Associate Director, Research Center for Group Dynamics, 2013-2014

Chair, Department of Psychology, 2002-2007

89 UM Dissertation Committees (30 chair or co-chair)

15 UM Postdocs

Business Engagement Center Internal/External Review Committee, Member and Chair of Faculty Subcommittee, 2016.

University of Michigan Transportation Research Institute Internal Review Committee, Member, 2015.

Center for Human Growth and Development, Steering Committee, 2014-2018

Rackham Graduate School, Selection Committee, Distinguished Faculty Achievement Award, 2013-16

Chair, Quantitative Faculty Search Committee, Psychology, 2014-2016
Chair, Quantitative Training Task Force Review Committee, Psychology, 2014-2016
Social area graduate admissions, chair, 2013-2016
Social area interim chair, Winter term 2016
UM IT Scientific Visualization Advisory Group, 2012-present
RCGD Executive Committee, 2006-07, 2008-2014
ISR Policy Committee, 2009-2014
UM Office of Research Cyberinfrastructure IT Council, 2010-2013
Advisory Board, UM Medical Innovation Center, 2011-2012
CARSS Steering Committee, 2009-2013
Member, UM Faculty Grievance Review Board, 2008-2010
Member, Program in Quantitative Methodology, ISR, 1997-present
Coordinating Committee, Research Center for Group Dynamics, 1997-present
Faculty affiliate, LIFE Program, 2004-2012; UM Steering Committee, 2008-2012
UM Design Science PhD Program, Co-Founder, Co-Director (2006-2013), Executive Committee Member (2006-2015)
Depression Center University Advisory Committee, 2004-2008
Michigan Center for Advancing Safe Transportation throughout the Lifespan, Executive Committee, 2007-2011; Research Subcommittee, 2008
fMRI Center Internal Review Committee, 2006
LSA Budget Advisory Committee, 2006-2007
Center for Human Growth and Development, Advisory Committee, 2005-2007
Ctools Faculty Advisor Committee, 2005-2008
ISR Director Search Committee, 2004
Member, Faculty Executive Council, Interdisciplinary Programs, Engineering, 2002-04
Chair, Social Area Computer Committee, 1999-2002
Computer Committee Chair, Psychology, 1998-2002
Organizer, Summer Workshops in Methodology and Experimental Social Psychology, 1998-2002
Member, LS&A IT Faculty Advisory Committee, 1998-2002
Member, Psychology Department Executive Committee, 1999-2001
Member, LS&A Committee for Large Scale Computing, 2000-2001
Chair, Quantitative Search Committee, Psychology, 1998-2000
Standing Committee on ISR Computing, 1997-1999
Ad hoc LS&A Committee to Assess ROTC Academic Credit, 1999
Ad hoc statistical consultant, Affirmative Action Lawsuit, UM, 1999, 2002-03
Psychology, Social Area Admissions Committee, 1998, 2001
Member, ISR Founder's Dissertation Award Committee, 1998
UM Delegate, Chancellor Inauguration, University of Wisconsin, Parkside. 1998

University of Washington (1990-1997)

32 UW Dissertation Committees (6 chair)

Social/Personality Area Coordinator, 1995
Social/Personality Faculty Search Committee Member, 1995
Director, Center for Judgment and Decision Making, UW, 1993-1997
Chair, Guthrie Prize Committee, 1994
Quantitative Area Co-coordinator, 1992-1997
Computer Committee, 1991-95
Undergraduate Curriculum Committee, 1990-91

National & International

Internal Resource Group, three university collaboration (UM, MSU, WSU) network of research institutes, member, 2019-present
American Psychological Association, Division 5 (Methods) Executive Committee, 2018-present
Statistics Advisory Committee, *Psychological Science*, 2016
Member, APA Task Force—Training for Multidisciplinary Team Science, 2011-12
Co-chair, Methods Pre-conference, Social Psychology and Personality Conference, 2011, San Antonio, TX
APA Division 5 Diversity Committee, 2008-2010
Participant, NSF Multidisciplinary Graduate Design Program, 2008
Member, APA Quantitative Psychology Task Force, 2006-07
Member, Scientific Committee of the Foundations of Utility and Risk, 2005-2011
Psychological Methods Editor Nomination Committee, 2005-06
Reviewer, Psychology Departments (Purdue University, University of Florida, University of San Francisco, Universidade Federal do Rio Grande do Sul—Brazil, Ohio State University, UCLA, University at Buffalo-SUNY)
Co-organizer, Summer Institute in Social Psychology, Ann Arbor, MI, 2005 (also SPSP Steering Committee Member for the Summer Program)
Psychological Review Editor Nomination Committee, 2002-03
National Research Council, Committee on Disability Determination for Individuals with Visual Impairments, 2000-2001 ([Report PDF](#))
Journal of Personality and Social Psychology Editor Nomination Committee, 2000
National Advisory Mental Health Council's Behavioral Sciences Workgroup, charged with identifying funding priorities for NIMH, 1999-2000 ([Report PDF](#))
Co-director, Convention of the Society for Mathematical Psychology, Seattle, 1994

Publications

Dissertation

Gonzalez, R. (1990). *The Impact of Others' Decisions*. Stanford University.

Books

Gonzalez, R. (2009). *Data Analysis for Experimental Design*. Guilford Press.

Journal Articles and Book Chapters

- Gonzalez, R. & Tversky, A. (1990). The impact of others' decisions on investment decisions. In K. Borcherding, O. I. Larichev, and D. M. Messick (Eds.), *Contemporary Issues in Decision Making*, Elsevier Science Publishers, pp. 367-373.
- Gonzalez, R., Ellsworth, P., & Pembroke, M. (1993). Response biases in lineups and showups. *Journal of Personality and Social Psychology*, *64*, 525-537. doi:[10.1037/0022-3514.64.4.525](https://doi.org/10.1037/0022-3514.64.4.525) (PDF)
- Covered by several newspapers (e.g., Seattle Times, Salt Lake Tribune, Dallas Morning News, Detroit News)
- Edwards, A. L. & Gonzalez, R. (1993). Simplified successive interval scaling. *Applied Psychological Measurement*, *17*, 21-27. doi:[10.1177/014662169301700106](https://doi.org/10.1177/014662169301700106) (PDF)
- Gonzalez, R. & Loftus, E. (1993). The police, the witness, and the solving of crimes. Forward to P. Starrett and Keegan, *Police Identification Guide*.
- Gonzalez, R. (1994). When words speak louder than actions: Another's evaluation can appear more diagnostic than their decision. *Organization Behavior and Human Decision Processes*, *58*, 214-245. doi:[10.1006/obhd.1994.1035](https://doi.org/10.1006/obhd.1994.1035) (PDF)
- Published version of 1990 dissertation, *Dissertation Abstracts International*, *51(8-B)*, 4101-4102.
 - Reprinted in W. De Bondt (Ed), 2005, *The Psychology of World Equity Markets*.
- Ickes, W. & Gonzalez, R. (1994). "Social" cognition and social cognition: From the subjective to the intersubjective. *Small Group Research*, *25*, 294-315. doi:[10.1177/1046496494252008](https://doi.org/10.1177/1046496494252008). (PDF)
- Heath, F. & Gonzalez, R. (1995). Interaction with others increases decision confidence: Evidence against information collection views of interactive decision making. *Organizational Behavior and Human Decision Processes*, *61*, 305-326. doi:[10.1006/obhd.1995.1024](https://doi.org/10.1006/obhd.1995.1024) (PDF)
- Gonzalez, R., Davis, J. & Ellsworth, P. (1995). Who should stand next to the suspect? Arrangement effects in the lineup. *Journal of Applied Psychology*, *80*, 525-531. doi:[10.1037/0021-9010.80.4.525](https://doi.org/10.1037/0021-9010.80.4.525) (PDF)
- Griffin, D. & Gonzalez, R. (1995). Correlation models for dyad-level models: I. Models for the exchangeable case. *Psychological Bulletin*, *118*, 430-439. doi:[10.1037/0033-2909.118.3.430](https://doi.org/10.1037/0033-2909.118.3.430) (PDF)
- Miyamoto, J., Gonzalez, R., & Tu, S. (1995). Compositional anomalies in the semantics of evidence. In J. R. Busemeyer, R. Hastie, and D. L. Medin (Eds.), *Decision Making from a Cognitive Perspective*, Volume 32 of the *Psychology of Learning and Motivation* series. Academic Press, 319-383. (PDF)
- Gonzalez, R. & Nelson, T. O. (1996). Measuring ordinal association in situations that contain tied scores. *Psychological Bulletin*, *119*, 159-165. doi:[doi:10.1037/0033-2909.119.1.159](https://doi.org/10.1037/0033-2909.119.1.159) PMID: 8559859 (PDF)
- Gonzalez, R. (1996). Circles and squares, spheres and cubes: What's the deal with circumplex models?. *Journal of Vocational Behavior*, *48*, 77-84. doi:[10.1006/jvbe.1996.0008](https://doi.org/10.1006/jvbe.1996.0008) (PDF)
- Greenwald, A. G., Gonzalez, R., Harris, R. J., & Guthrie, D. (1996). Effect sizes and *p*-values: What should be reported and what should be replicated? *Psychophysiology*, *33*, 175-183. doi:[10.1111/j.1469-8986.1996.tb02121.x](https://doi.org/10.1111/j.1469-8986.1996.tb02121.x) PMID: 8851245 (PDF)

- Gonzalez, R. & Griffin, D. (1996). Dyadic data analysis: New statistical tools for analyzing relationships data. *International Society for the Study of Personal Relationships Bulletin*, 12(2), 7-9.
- Wu, G. & Gonzalez, R. (1996). Curvature of the probability weighting function. *Management Science*, 42, 1676-1690. doi:[10.1287/mnsc.42.12.1676](https://doi.org/10.1287/mnsc.42.12.1676) (PDF)
- Ickes, W. & Gonzalez, R. (1996). Social cognition: From the subjective to the intersubjective. In J. Nye & A. Brower (Eds.), *What's Social About Social Cognition? Research on Socially Shared Cognition in Small Groups*, Sage Publications, 285-308. [Expanded version of Ickes & Gonzalez, 1994.]
- Gonzalez, R. & Griffin, D. (1997). On the statistics of interdependence: Treating dyadic data with respect. In S. W. Duck (Ed.), *Handbook of Personal Relationships: Theory, Research, and Interventions* (2nd Ed), Chichester: Wiley, pp 271-302.
- Moore, S., Smith, R. E., & Gonzalez, R. (1997). Personality and judgment heuristics: Contextual and individual difference interactions in social judgment. *Personality and Social Psychology Bulletin*, 23, 76-83. doi:[10.1177/0146167297231008](https://doi.org/10.1177/0146167297231008) (PDF)
- Thompson, L. & Gonzalez, R. (1997). Environmental disputes: Competition for scarce resources and clashing of values. In M. Bazerman, D. Messick, A. Tenbrassel, & K. Wade-Benzoni (Eds.), *Environment, Ethics, and Behavior*. The New Lexington Press, pp 75-104. (PDF)
- Wu, G., & Gonzalez, R. (1998). Common consequence conditions in decision making under risk. *Journal of Risk and Uncertainty*, 16, 115-139. doi:[10.1023/A:1007714509322](https://doi.org/10.1023/A:1007714509322) (PDF)
- Wu, G. & Gonzalez, R. (1999). Nonlinear decision weights in choice under uncertainty. *Management Science*, 45, 74-85. doi:[10.1287/mnsc.45.1.74](https://doi.org/10.1287/mnsc.45.1.74) (PDF)
- Gonzalez, R. & Wu, G. (1999). On the shape of probability weighting function. *Cognitive Psychology*, 38, 129-166. doi:[10.1006/cogp.1998.0710](https://doi.org/10.1006/cogp.1998.0710) PMID: 10090801 (PDF)
- Kray, L. & Gonzalez, R. (1999). Differential weighting in choice versus advice: I'll do this, you do that. *Journal of Behavioral Decision Making*, 12, 207-218. doi:[10.1002/\(SICI\)1099-0771\(199909\)12:3<207::AID-BDM322>3.0.CO;2-P](https://doi.org/10.1002/(SICI)1099-0771(199909)12:3<207::AID-BDM322>3.0.CO;2-P) (PDF)
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Professional Presentations

- Gonzalez, R., & Lepper, M. (1987). The components of discovery and didactic instruction. Presented at the Western Psychological Association Convention, Long Beach, CA.
- Gonzalez, R., & Smith, V. (1988). Jurors' perception of witness confidence. Presented at the Western Psychological Association Convention, Burlingame, CA.
- Gonzalez, R. & Tversky, A. (1989). The effect of others' decisions on stock selection. Presented at the Twelfth Research Conference on Subjective Probability, Utility and Decision Making, Moscow, USSR.
- Gonzalez, R., & Tversky, A. (1989). Unique v. shared information in stock market decisions. Presented at the Western Psychological Association Convention, Reno, NV.
- Gonzalez, R., & Ellsworth, P. (1989). Lineups v. showups: Comparing absolute and relative judgments. Presented at the Western Psychological Association Convention, Reno, NV.
- Heath, F., Gonzalez, R., & Tversky, A. (1990). Interactive decision making: Information and confidence. Presented at the Fourth Behavioral Decision Research in Management Conference, Wharton School, Philadelphia.
- Nelson, T. O. & Gonzalez, R. (1992). Relationships between proportional reduction in error (PRE) measures and their probabilistic interpretations. European Mathematical Psychology Meeting, Brussels, Belgium.
- Gonzalez, R. (1992). Source dependence in decision making. Presented at the Joint Meeting of the Institute of Management Sciences and Operations Research Society of America, Orlando, FL.
- Carmichael-Olson, H., Feldman, J., Streissguth, A. P., & Gonzalez, R. (1992). Neuropsychological deficits and life adjustments in adults and adolescents with Fetal Alcohol Syndrome. Presented at the Research Society on Alcoholism Annual Meeting, San Diego, CA.
- Gonzalez, R. (1992). An introduction to generalized expected utility theories. Instructional Workshop with J. Miyamoto and E. Weber at the Fourteenth annual meeting of the Society for Medical Decision Making, Portland, Oregon.

- Wu, G. & Gonzalez, R. (1993). Editing and cumulative prospect theory: Ordinal independence and outcome cancellation. Presented at the Joint Meeting of the Institute of Management Sciences and Operations Research Society of America, Chicago, IL.
- Gonzalez, R. (1993). New experiments on the probability weighting function. Presented at the Society for Mathematical Psychology Meetings. Norman, OK.
- Gonzalez, R. & Wu, G. (1994). New directions in modeling risky choice: Editing revisited. Presented at the Joint Meeting of the Institute of Management Sciences and Operations Research Society of America, Boston, Mass.
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- Davis, J., Gonzalez, R., & Ellsworth, P. (1994). Arrangement effects in measures of lineup fairness. Presented at the American Psychology and Law Society Meetings, Santa Fe, New Mexico.
- Gonzalez, R. & Griffin, D. (1994). An overview of the intraclass correlation with applications to interpersonal research. Presented at the International Conference on Personal Relationships Meeting, Groningen, Netherlands.
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- Gonzalez, R. & Griffin, D. (1994). Dyads and groups as personality systems. Presented at the Annual Meeting of the American Psychological Association, Los Angeles.
- Wu, G. & Gonzalez, R. (1994). New results in cumulative prospect theory. Annual Meeting of the Society for Mathematical Psychology, Seattle.
- Wu, G. & Gonzalez, R. (1995). Modeling the weighting function over events spaces. Conference on Subjective Probability, Utility and Decision Making, Jerusalem.
- Ickes, W. & Gonzalez, R. (1995). Two paradigms for social cognition. Presented at the Annual Meeting of the Society for Experimental Social Psychology, Washington D.C.
- Kray, L. & Gonzalez, R. (1995). Self/other discrepancies in decision making. Presented at the Society for Judgment and Decision Making Meetings, Los Angeles.
- Wu, G. & Gonzalez, R. (1995). The curvature of the weighting function. Presented at the Society for Judgment and Decision Making Meetings, Los Angeles.
- Thompson, L. & Gonzalez, R. (1995). A social-psychological analysis of environmental disputes. Presented at Conference for Psychological Perspectives to Environmental and Ethical Issues in Management, Northwestern University, Evanston.
- Davis, J. and Gonzalez, R. (1996). Absolute and comparative judgments in eyewitness identification procedures. Presented at the American Psychology and Law Society Meetings, South Carolina.

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- Griffin, D. & Gonzalez, R. (1996). Analyzing data in personal relationships research. Symposium at the International Society for the Study of Personal Relationships conference, Banff, Canada.
- Gonzalez, R. & Wu, G. (1996). A functional equations analysis of the weighting function. Judgment and Decision Making Society Meetings, Chicago, Illinois.
- Wu, G. & Gonzalez, R. (1997). Common consequence conditions in decision making under uncertainty. Third Annual Rutgers Research Conference: Recent Developments in Experimental Analysis of Individual and Group Choice in Economics, Rutgers, NJ.
- Gonzalez, R., Griffin, D., & Thompson, M. (1997). Psychological ambivalence. 105th Convention of the American Psychological Association, Chicago, Illinois.
- Wu, G. & Gonzalez, R. (1997). Dominance violations & event splitting in decision making under uncertainty. Institute for Operations Research and Management Sciences meetings, Dallas, Texas.
- Gonzalez, R. (1998). The psychology of risk aversion. Decision Making Consortium Annual Conference, University of Michigan.
- Gonzalez, R. and Wu, G. (1998). A new nonparametric algorithm for estimating utility functions and probability distortions. INFORMS, Seattle, WA.
- Wu, G. and Gonzalez, R. (1999). Composition rules in original and cumulative prospect theory. INFORMS, Cincinnati, OH.
- Gonzalez, R. and Wu, G. (1999). Nonparametric estimation for cumulative prospect theory. Foundations of Utility and Risk, Marakesh, Morocco.
- Clarkson, D., Gonzalez, R., & Lu, J. (1999). Random effects multidimensional scaling models. Proceedings of the 31st Symposium on the Interface: Computing Science and Statistics, Schaumburg, Illinois.
- Behensky, C. K., Polk, T. A., Gonzalez, R. & Smith, E. E. (2000). Understanding and manipulating asymmetries in similarity judgments. Annual meeting Society for Cognitive Neuroscience, San Francisco.
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- Wang, C., Milliron, K., Hayasaka, S., Murray, S., Paterson, A., Trask, P., Gonzalez, R., & Merajver, S. (2000). Understanding genetic risk for hereditary breast cancer: Complexities and challenges. National Conference on Genetics and Public Health, Ann Arbor, MI.
- Gonzalez, R. & Griffin, D. (2000). Separating individual processes from group processes. Annual meeting of the Society for Experimental Social Psychology, Close Relationships Pre-Conference, Atlanta.

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- Gonzalez, R. & Griffin, D. (2000). Testing linear models with nonindependent data. Special Symposium on Statistical Models for Groups, Annual meeting of the Society for Experimental Social Psychology, Atlanta.
- Smith, D., Gonzalez, R., Yates, F., & Riis, J. (2000). Overconfidence in groups: An integrative model. Psychonomics, New Orleans.
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- Sinkevich, O., Gonzalez, R., & Papalambros, P. (2001). Contingent weighting in engineers and artists. Society for Judgment and Decision Making, Orlando.
- Sinkevich, O., Gonzalez, R. & Papalambros, P. (2001). Coupling of the engineering performance and customer preference models. SIAM Annual Meeting, San Diego, CA.
- Sinkevich, O., Gonzalez, R. & Papalambros, P. (2001). Coordination of product design decisions. INFORMS International Conference, Hawaii.
- Savit, R., Koelle, K., Treynor, W., & Gonzalez, R. (2002). Experiments on the minority game. International Conference on Complex Systems, Nashua, New Hampshire.
- Jung, S. & Gonzalez, R. (2002). Estimating random effects in multidimensional unfolding. American Statistical Association Annual Meeting, New York, New York.
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- Gonzalez, R., Wang, C., Merajver, S., & Milliron, K. (2002). Behavioral decision theory and genetic counseling. National Society for Genetic Counseling, Phoenix, Arizona.
- Plenary address
- Savit, R., Koelle, K., Treynor, W., & Gonzalez, R. (2002). Man and superman: Human limitations, innovation and emergence in resource competition. Workshop on Collectives and the Design of Complex Systems, NASA-Ames Research Center, San Jose, CA. [Full paper published in Proceedings].
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- Also presented at the 2004 International Congress of Psychology, Beijing, China
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- Gonzalez, R. (2004). Judgment and decision making in older adults. Invitational Choice Symposium, Estes Park, CO.
- Gonzalez, R. (2004). Intuition and understanding: Teaching social science statistics to graduate students. American Psychological Association Education Leadership Conference, Washington DC.
- Gonzalez, R. (2004). New directions in decision making: Interpersonal processes and aging. The Life Course: Evolutionary and Ontogenetic Dynamics (LIFE Academy), Max Planck, Germany.
- Olson, S., Gonzalez, R., Kerr, D., & Lunkenheimer, E. (2005). Development of externalizing problems in early childhood: A transactional perspective. Society for Research on Child Development, Atlanta, Georgia.
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- Gonzalez, R. (2005). Interdependence issues in doctor-patient interaction. Meeting of the Network on Methodology Development, Karmanos Cancer Center, Detroit, MI.
- Gonzalez, R. (2005). Dependent data in intergenerational designs. Intergenerational Methods Workshop, University of Michigan, Ann Arbor, MI.
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- Abstract published in *Biological Psychiatry*, 57, Suppl. S APR 15 2005.
- Gonzalez, R. (2005). Brain imaging techniques as a tool in consumer research (symposium discussant). Association of Consumer Research, San Antonio, TX.
- Gonzalez, R. (2005). Uncertainty as the underlying mechanism in pattern-centered and variable-centered approaches to analyses. The Life Course: Evolutionary and Ontogenetic Dynamics (LIFE Academy), University of Michigan.
- Biele, G., Rieskamp, J., & Gonzalez, R. (2005). How advice influences individual learning: Models of advice reinforcement competition. Society of Judgment and Decision Making, Toronto, CA.
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- Ho, S., Gonzalez, R., Taylor, S., Liberzon, I. (2006). Participation of neural circuits underlying emotions in value acquisition and retrieval in decision making. Society for Neuroscience, Atlanta, Georgia.
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- Aiken, L., Panter, A., Boodoo, G., & Gonzalez, R. (2006). Committee report on the APA Task Force to Increase the Number of Quantitative Psychologists, Society for Experimental Multivariate Psychology, Lawrence, Kansas.
- MacDonald, E., Backsell, Gonzalez, R., & Papalambros, P. (2006). The Kano method's imperfections: Implications in product decision theory. International Design Research Symposium, Seoul, Korea. [\(PDF\)](#)
- Gonzalez, R. (2006). Maintaining a diverse department. American Psychological Association Science Leadership Conference, Washington DC.
- Ho, Shaun, Gonzalez, R., Taylor, S., & Liberzon, I. (2007). Putting value in context: Dissociable functional and neural mechanisms underlying context-dependent incentive learning in humans. Society for Biological Psychiatry, San Diego, CA.
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 - Also presented at the Organization for Human Brain Mapping, Chicago, Illinois, 2007.
- Gonzalez, Richard. (2007). Developing intuition for longitudinal statistical analyses. Center for the Analysis of Pathways from Childhood to Adulthood, Ann Arbor, MI.
- MacDonald, E., Gonzalez, R., & Papalambros, P. (2007). The construction of preferences for crux and sentinel products attributes. International Conference on Engineering Design, Paris, France.
- Also presented at the Decision Consortium May Conference, Ann Arbor, MI, 2007.
- MacDonald, E., Gonzalez, R., & Papalambros, P. (2007). Preference inconsistency in multi-disciplinary design. Proceedings of the ASME International Design Engineering Technical Conferences, Las Vegas, NV.
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- Franks, M. M., Lucas, T., Parris Stephens, M., Rook, K., Gonzalez, R., & Salem, J. (2007). Dyadic examination of married partners' diabetes distress and psychosocial well-being. American Psychological Association, San Francisco.
- Aiken, L., Aquinis, H., Appelbaum, M., Boodo, G., Edwards, M., Gonzalez, R., Panter, A., Park, D., Patelis, T., Milewski, G. (2007). APA task force to increase the quantitative pipeline: Deliberations, Recommendations. American Psychological Association, San Francisco.

- Gonzalez, R. (2007). Changing how we measure change. Conference on the analysis of longitudinal data and item response theory models for longitudinal data. Leibniz-Institute for Science Education, Kiel, Germany.
- Berman, M., Gonzalez, R., & Franklin, M. (2007). Exploring the supraliminal mere exposure effect. Psychonomic Society Meeting, Long Beach, CA.
- Hall, J., Gonzalez, R., & Schultheiss, O. (2008). Affective influences on investment decisions: Behavioral and neural correlates. Annual Meeting of the Personality and Social Psychology Society, Albuquerque, New Mexico.
- Hall, J., Gonzalez, R., & Schultheiss, O. (2008). Heartstrings and walletstrings: Affective influences on financial decisions. Presented at the annual convention of the Society for Personality and Social Psychology, Albuquerque, NM.
- Sacharin, V. & Gonzalez, R. (2008). Americans are peaches and Germans are coconut: Cultural similarities and differences in friendship. Annual Meeting of the Personality and Social Psychology Society, Albuquerque, New Mexico.
- Sacharin, V. & Gonzalez, R. (2008). The impact of emotions on implicit and explicit preferences for 'green' products. Annual Meeting of the Personality and Social Psychology Society, Albuquerque, New Mexico.
- Sacharin, V. & Gonzalez, R. (2008). American and German friends: Similarities and differences. Second Annual Cultural Psychology Conference, Ann Arbor, MI.
- Berman, M., Gehrke, A., Knaffla, S., Jonides, J., & Gonzalez, R. (2008). Functional localizers. Cognitive Neuroscience Society Meeting, San Francisco.
- Ho, S., Taylor, S., Ochsner, K., Wang, X., Abelson, J., Gonzalez, R., Wager, T., Smith, E., & Liberzon, I. (2008). Neurocircuitry of cortisol modulation of emotion processing. Society of Biological Psychiatry, Washington, D. C.
- Abstract published in *Biological Psychiatry*, 63, Suppl. S 220 APR 1 2008.
- Sripada, C., Gonzalez, R., Robinson, E., Ho, S., Garfinkel, S., Phan, K., & Liberzon, I. (2008) Less now or more later? The functional neuroanatomy of delay of gratification. Society of Biological Psychiatry, Washington, D. C.
- Kaplan, L., Wager, T., Gonzalez, R., Atlas, L., Ochsner, K., Taylor, S., Liberzon, I., Abelson, J., Hughes, B., Buhle, J., Hard, K., & Smith, E. (2008). Cortisol response to psychosocial stress predicts decision-making behavior. Cognitive Neuroscience Society.
- Gonzalez, R. (2008). Emotions, Decisions and the Brain. LIFE Academy, Charlottesville, Virginia.
- Hall, J., Gonzalez, R., & Schultheiss, O. (2008). Put your money where your heart is: Affective influences on financial investment decisions. Presented at the annual convention of the Society for Psychophysiological Research, Austin, TX.
- Abstract published in *Psychophysiology*, 45, S40.

- Hall, J., Gonzalez, R., & Schultheiss, O. (2008). Put your money where your heart is: An fMRI investigation of affective influences on investment decisions. American Psychological Society, Chicago, IL.
- Hall, J., Gonzalez, R., & Schultheiss, O. (2008). Put your money where your heart is: An fMRI investigation of affective influences on investment decisions. Human Brain Mapping, Melbourne, Australia.
- Griffin, T., Petersen, E. & Gonzalez, R. Intersectionality and affirmative action. (2008). Seventh Biennial Society for the Psychological Study of Social Issues Conference, Chicago, IL.
- Griffin, T., Gonzalez, R., Chavous, T. & Cogburn, C. (2008). Intersectionality, affirmative action, and higher education: Implications for policy and discrimination. 31st Annual Meeting of the International Society of Political Psychology, Paris, France.
- Sacharin, V. & Gonzalez, R. (2008). Cultural differences in friendship. XXIV International Congress of Psychology, Berlin, Germany.
- Abstract published in *International Journal of Psychology* 59, Suppl. S JUN-AUG 2008.
- Sacharin, V. & Gonzalez, R. (2008). Germany and US: Cultural differences in friendship. International Association for Cross-Cultural Psychology. Bremen, Germany.
- Gonzalez, R. (2008). Mathematical and statistical modeling in Psychology: Why try, why bother? Quantitative Training for Underrepresented Groups, 5th Annual APA Pre-conference, Northeastern University. Invited speaker.
- Garfinkel, S., Ho, S-H., Wang, X., Abelson, J., Taylor, S., Gonzalez, R., Wager, T., Young, E., Ochsner, K., & Liberzon, I. (2008). Modulatory effects of cortisol on the neurocircuitry predictive of memory accuracy. Society for Neuroscience Annual Meeting, Washington, DC.
- Ho, S., Taylor, S., Ochsner, K., Wang, X., Abelson, J., Gonzalez, R., Wager T., Smith E., & Liberzon, I. (2008). Neurocircuitry underlying cortisol modulation of emotion regulation. Society for Neuroscience Annual Meeting, Washington, DC.
- Volling, B., Yu, T., Gonzalez, R., Nolen-Hoeksema, S., & Flynn, H. (2008) Changes in maternal and paternal depression after the arrival of a second child. National Council on Family Relations 70th Annual Conference, Arkansas.
- Stern, E.R., Gonzalez, R., Welsh, R.C., & Taylor, S.F. (2008). The neural basis of decision-making under uncertainty: Implications for pathological doubt in obsessive compulsive disorder. Poster presentation at the annual meeting of the American College of Neuropsychopharmacology, Scottsdale, AZ.
- Liberzon, I., Ho, S., Taylor, S., Abelson, J. & Gonzalez, R. (2008). Decision making is modulated by stress hormones: behavioral and fMRI study. Society for Neuroscience, Washington, D.C.
- Sacharin, V. & Gonzalez, R. (2009). Making change of dealing with change: Depending on arousal level, positive emotions change the ability to adjust to new rules. Annual meeting of the Society for Personality and Social Psychology, Tampa, FL.

- Hall, J., Gonzalez, R., & Schultheiss, O. (2009). To risk or not to risk: An fMRI investigation of affective influences on financial risk taking. Society for Personality and Social Psychology, Tampa, FL.
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- Hall, J., Gonzalez, Sripada, C., & Schultheiss, O. (2009). Unconscious affect and economic behavior: fMRI evidence for stronger subliminal than supraliminal affective priming effects on financial choices. Society for Psychophysiological research, Berlin, Germany.
- Abstract published in *Psychophysiology*, 46, S52-S53 (SEP 2009)
- Kennedy, D., Volling, B., Yu, T., Gonzalez, R., Nolen-Hoeksema, S., Flynn, H., & Johnson, T. (2009). Paternal support moderates the link between firstborn's behavior problems and maternal stress during pregnancy with second child. Society for Research on Child Development, Denver, CO.
- Ho, S., Liberzon, I., & Gonzalez, R. (2009). Stress hormone cortisol modulates behavioral and neural mechanisms underlying decision making under risk. Society of Biological Psychiatry, Vancouver, Canada.
- Abstract published in *Biological Psychiatry*, 65, Suppl. S APR 15 2009.
- Stern, E., Gonzalez, R., Welch, R., & Taylor, S. (2009). Neural correlates of uncertainty during decision making in obsessive compulsive disorder. Society of Biological Psychiatry, Vancouver, Canada.
- Abstract published in *Biological Psychiatry*, 65, Suppl. S APR 15 2009.
- Gonzalez, R. (2009). Developing intuition for longitudinal data analysis: The utility of visualization.
- Developmental Psychology Brown Bag, Ann Arbor, MI, April.
 - Center for Human Growth and Development Colloquium, Ann Arbor, MI, September.
- Sripada, C., Gonzalez, R., Phan, K., & Liberzon, I. (2009). Trait impulsivity predicts mPFC-striatal interactions during delay of gratification. Society of Biological Psychiatry, Vancouver, Canada.
- Abstract published in *Biological Psychiatry*, 65, Suppl. S APR 15 2009.
- Sripada, C. S., Gonzalez, R., Phan, L., & Liberzon, I. (June, 2009). Delaying gratification engages the brain's default network. Marketing Science, Ann Arbor, MI.
- Also presented at the fMRI Summer School Workshop in Marketing, Ann Arbor MI, August, 2009.
- Aribarg, A., Gonzalez, R., Liu, Y., & Chock, D. (2009). Measuring impact of market environment change on preference using conjoint analysis. Marketing Science, Ann Arbor, MI.
- MacDonald, E. & Gonzalez, R. (2009). A hybrid model of decision-making under risk and uncertainty. Second International Symposium on Engineering Systems, Boston, MA (MIT).
- Reid, T., Frischknecht, B., Hoffenson, S., Gonzalez, R., & Papalambros, P. A design science approach to understanding changes in the automotive vehicle industry. Second International Symposium on Engineering Systems, Boston, MA (MIT).

- Chavez, A. & Gonzalez, R. (2009). A scale effect in purchasing behavior. Presented at the Summer School on Decision Processes, Milan, Italy.
- Gonzalez, R. A tutorial on multilevel modeling: What it is and how to do it. (2009). Quantitative Training for Underrepresented Minorities Conference, Toronto, Ontario, Canada.
- Gonzalez, R. Developing Methodology: Statistics and Intersectionality. (2009). American Psychological Association, Toronto, ON, Canada.
- Frischknecht, B., Gonzalez, R., Papalambros, P., & Reid, T. (2009). A design science approach to analytic product design. 17th Annual International Conference on Engineering Design, Stanford, CA.
- Article published in *Proceedings of the 17th Annual International Conference on Engineering Design*, peer-reviewed. ([PDF](#))
- Reid, T., Gonzalez, R., & Papalambros, P. (2009). A methodology for quantifying the perceived environmental friendliness of vehicle silhouettes in engineering design. Design Engineering Technical Conferences & Computers and Information in Engineering Conference, San Diego, CA.
- Stern, E., Gonzalez, R., Welsh, R., Abelson, J., & Taylor, S. (2009). The uncertain brain: Evidence evaluation in obsessive compulsive disorder. Poster presented at the annual meeting of the American College of Neuropsychopharmacology, Hollywood, FL.
- Sripada, C., Phan, K., Gonzalez, R., & Liberzon, I. (2009). Prefrontal pathways underlying ul delay of gratification: A multi-level mediation analysis. Poster presented at the annual meeting of the American College of Neuropsychopharmacology, Hollywood, FL.
- Boduroglu, A., Gonzalez, R., & Shah, P. (2009). Resolution of representation in spatial short-term memory. Psychonomic Society, Boston, MA.
- Sacharin, V. & Gonzalez, R. (2010). If life is good, why pay attention to reward contingencies? Happiness reduces probabilistic reward learning. Society for Personality and Social Psychology Annual Meeting, Las Vegas, Nevada.
- Gonzalez, R., Cho, S., Reid, T. & Papalambros, P. (2010). The role of psychology and marketing models in Kansei engineering. International Conference on Kansei Engineering and Emotional Research, Paris, France.
- Hall, J., Gonzalez, R., Sripada, C., & Schultheiss, O. (2010). Unconscious affect and economic behavior: fMRI evidence for stronger unconscious than conscious affective influence on financial choice. Cognitive Neuroscience Society, Montréal, Canada.
- Cited in the *Scientific American website*, a April, 2010.
- Gonzalez, R. Multimedia lesson development. (2010). Center for Research on Learning and Teaching, Ann Arbor, MI,
- Gonzalez, R. Emotions, decision and the brain. (2010). Invitational Choice Symposium, Key Largo, FL.

- Gonzalez, R. (2010). Introduction to dyadic data analysis. Conference on Research with Dyads and Families: Challenges and Solutions in Working with Interdependent Data. Purdue University, Indiana.
- Gonzalez, R., Yu, T., Ryan, L., Volling, B., & Smith, J. (2010). Using mixture models and longitudinal analyses to test lifespan research questions. Association of Psychological Science, Boston, MA.
- Smith, J., Ryan, L., Antonucci, T., & Gonzalez, R. (2010). Do support processes within older couples have implications for each partner's physical health? Association of Psychological Science, Boston, MA.
- Yilmaz, S., Daly, S., Seifert, C. & Gonzalez, R. (2010). A comparison of cognitive heuristics use between engineers and industrial designers. Conference Proceedings of the 4th Design Computing and Cognition Conference, Stuttgart, Germany.
- Received Best Paper Award at the conference
- Yilmaz, S., Gonzalez, R., & Seifert, C. (2010). Cognitive heuristics in design: Instructional strategies in idea generation. Conference Proceedings of the 4th Design Computing and Cognition Conference, Stuttgart, Germany.
- Daly, S., Yilmaz, S., Seifert, C. & Gonzalez, R. (2010). Cognitive heuristics use in engineering design ideation. Proceedings of the American Society of Engineering Education, Louisville, Kentucky.
- Published in peer-reviewed, archival proceedings.
- Yilmaz, S., Daly, S., Seifert, C., & Gonzalez, R. (2010). Design heuristics in ideation across engineering and industrial design domains. In the Proceedings of the International Conference on Engineering and Product Design Education, Trondheim, Norway.
- Demiralp, E., Flegal, K., Gonzalez, R., Hernandez, L., Welsh, R., Peltier, S., Demiralp, M., Reuter-Lorenz, P. & Jonides, J. (2010). Test-retest analysis of fMRI reliability using permutation testing in a verb generation task. Human Brain Mapping, Barcelona, Spain.
- Demiralp, E., Hernandez, L., Gonzalez, R., Fling, B., Seidler, R., Demiralp, M. & Jonides, J. (2010). Nonlinear space extension and PCA based multivariate connectivity analysis of fMRI data. Human Brain Mapping, Barcelona, Spain.
- Hall, J., Gonzalez, R., Sripada, C., & Schultheiss, O. (2010). The emotions of investments: fMRI evidence for the influence of unconscious affect on financial decisions. Social and Affective Neuroscience Conference, Chicago, IL.
- Also presented at the Society for Personality and Social Psychology, San Antonio, TX (2011).
- Cavagnaro, D., Myung, J., Pitt, M., & Gonzalez, R. (2010). Adaptive design optimization for testing generalized utility theories. Society of Mathematical Psychology, Portland, OR.
- MacDonald, E., Whitefoot, K., Allison, J., Papalambros, P., & Gonzalez, R. (2010). An investigation of sustainability, preference, and profitability in design optimization. International Design Engineering Technical Conferences & Computers and Information in Engineering Conference, Montreal, Canada.

- Simpson, T., Parkinson, M., Celento, D., Chen, W., McKenna, A., Colgate, E., Norman, D., Papalambros, P., Gonzalez, R., Roth, B., & Leifer, L. (2010). Navigating the barriers to interdisciplinary design education: Lessons learned from the NSF Design Workshop Series. International Design Engineering Technical Conferences & Computers and Information in Engineering Conference, Montreal, Canada. [\(PDF\)](#)
- Gonzalez, R. (2010). Using brain imaging to test decision models. Decision Neuroscience Conference, Fox Business School, Temple University, Philadelphia, PA.
- Gonzalez, R. (2010). Dyadic data analysis. Conference in Honor of Michael Brown (Festschrift), Ohio State University, Columbus, OH.
- S. Eggly, L. A. Penner, F. W.K. Harper, L. Zhdanova, R. Gonzalez, & T. L. Albrecht. (2010). Perceptions of information eided by oncologists in clinical interactions with black and white patients/companions. Third American Association for Cancer Research Conference: The Science of Cancer Health Disparities, Miami, FL.
- Cavagnaro, D., Myung, J., Pitt, M., & Gonzalez, R. (2010). Adaptive experimentation for discriminating models of risky choice. Psychonomics, St. Louis, MO.
- Demiralp, E., Kim, H., Adams, K., Jaeggi, S., Buschkuehl, M., Berman, M., Krpan, K., Demiralp, M., Gonzalez, R., Kross, E., Deldin, P. & Jonides, J. (2010). Differences in the organization and free recall of self-related information in people with depression. Psychonomics, St. Louis, MO.
- Cavagnaro, D., Myung, J., Pitt, M., & Gonzalez, R. (2010). Adaptive design optimization for comparing generalized utility theories. Society for Judgment and Decision Making Meeting, St. Louis, MO.
- Smith, J., Gonzalez, R., Ryan, L., Becker, S., & Weir, D. (2010). Well-being experienced yesterday: Linking time, activities and affect in HRS. Gerontological Society of America, New Orleans, LA.
- Yilmaz, S., Daly, S., Seifert, C. & Gonzalez, R. (2011). The Role of Heuristics in Creative and Innovative Robust Designs. Civil, Mechanical, and Manufacturing Innovation Conference, National Science Foundation, Atlanta, Georgia.
- Demiralp, E., Jaeggi, S., Buschkuehl, M., Feldman Barrett, L, Gonzalez, R., Kross, E., Deldin, P., & Jonides, J. (2011). Emotional granularity and rumination in major depressive disorder. NIMH IBSC Conference How do Executive Function and Emotion Interact?, Boulder, CO.
- Gonzalez, R. (2011). Dyadic data analysis. Society for Personality and Social Psychology (Methods Preconference), San Antonio, TX.
- Demiralp, E., Jaeggi, S., Buschkuehl, M., Feldman Barrett, L., Demiralp, M., Gonzalez, R., Ellsworth, P., Kross, E., Deldin, P., & Jonides, J. (2011). Dynamics of emotional experience in major depressive disorder. Neuroscience of Emotion and Emotion-related Disorders, Rotman Research Institute, Toronto, CA.
- Best poster award
- Oh, W., Volling, B., & Gonzalez, R. (2011). Individual differences in children's approach-avoidance tendencies in sibling relationship after the transition to siblinghood. Society for Research in Child Development, Montreal, Canada.

- Gonzalez, R., Chock, D., Zielinski, S., Knapp, K., & Seelye, K. (2011). Consumer uptake of seamless multi-modal mobility: Energy and sustainability implications. Summit on Transforming Transportation: Economies and Communities, Detroit, MI.
- Hagiwara, N., Penner, L., Gonzalez, R., & Albrecht, T. (2011). Afrocentric facial features predict experience with discrimination and health among Blacks. Society of Behavioral Medicine Conference, Washington, DC.
- Volling, B., Oh, W., Yu, T., & Yu, T. (2011). Family transitions following the birth of a baby sibling. Midwestern Psychological Association, Chicago, IL.
- Daly, S., Christian, J., Yilmaz, S., Seifert, C. & Gonzalez, R. (2011). Teaching design ideation. Proceedings of the American Society of Engineering Education, British Columbia, Canada.
- Published in peer-reviewed, archival proceedings.
- Daly, S., Christian, J., Yilmaz, S., Seifert, C. & Gonzalez, R. (2011). Assessing creative and diverse idea generation resulting from design heuristic applications in an introductory engineering design course. Harvey Mudd Design Workshop VIII: Design education, innovation and entrepreneurship.
- Kim, J, Yoon, C., & Gonzalez, R. (2011). Design for pro-social orientation: The influence of product design on one's self-construal. Persuasive Technology and Design: Enhancing sustainability and health. Columbus, OH.
- Montazeri, S., Gonzalez, R., Yoon, C. & Papalambros, P. (2011). The aesthetics of a product in encouraging recycling behavior. Persuasive Technology and Design: Enhancing sustainability and health. Columbus, OH.
- Salgamcooglu, B., Er, O, Gonzalez, R., & Yoon, C. (2011). Methodological issues in interviewing older adults about bathing/showering products. European Conference Design 4 Health, Sheffield, UK.
- Yilmaz, S., Christian, J., Daly, S., Seifert, C., & Gonzalez, R. (2011). Collaborative idea generation using design heuristics. International Conference on Engineering Design, Copenhagen, Denmark.
- Tardif, T., Gonzalez, R., Liang, W., & Fletcher, P. (2011). Understanding cross-linguistic differences in vocabulary growth and composition. World Congress of the International Association for Applied Linguistics, Beijing, China.
- Cavagnaro, D., Gonzalez, R., Pitt, M. & Myung, J. (2011). An adaptive experiment to assess probability weighting functions. Society for Mathematical Psychology, Boston, MA.
- Stornelli, J., Yoon, C., & Gonzalez, R. (2011). What's important depends upon how I see us: The influence of self-construal on self-choice versus advice-giving. Subjective Probability, Utility, and Decision Making Conference, Kingston Upon Thames, UK.
- Yilmaz, S., Daly, S., Christian, J. , Seifert, C., & Gonzalez, R. (2011). Idea generation in collaborative settings. In the Proceedings of the International Conference on Engineering and Product Design Education, London, UK.
- Cavagnaro, D., Myung, J., Pitt, M., & Gonzalez, R. (2011). Adaptive experiments to discriminate probability weighting functions. Society for Judgment and Decision Making, Seattle, WA.

- Smith, J., Ryan, L., Becker, S., & Gonzalez, R. (2011). The ROBUST study: Finding ways to survey experienced well-being. Gerontological Society of America, Boston, MA.
- Gonzalez, R., Ryan, L., & Smith, J. (2011). Daily experience, well-being and life satisfaction across the lifespan: Methodological implications. Gerontological Society of America, Boston, MA.
- Eggly, S., Penner, L., Hagiwara-Livingston, N., Harper, F., Gonzalez, R., & Albrecht, T. (2011). Dyadic and triadic agreement about information discussed during triadic oncology interactions. International Conference on Communication in Health-care (ICCH).
- Hagiwara, N., Penner, L., Gonzalez, R., & Albrecht, T. (2012). Bridging social psychology and health research: The effects of afrocentric features on physical and mental health among blacks. Society of Personality and Social Psychology, San Diego, CA.
- Bonem, E., Ellsworth, P. & Gonzalez, R. (2012). The effects of emotional certainty and valence on social risk. Society of Personality and Social Psychology, San Diego, CA.
- Lee, D., Ybarra, O. & Gonzalez, R. (2012). Supportive social relationships attenuate the appeal of choice. Society of Personality and Social Psychology, San Diego, CA.
- Gonzalez, R., Oh, W., Yu, T., & Volling, B. (2012). Prediction in growth mixture models: New approaches from data mining to predict parameters, classes, and distal outcomes. Society for Research on Child Development Themed Meeting: Developmental Methodology. Tampa, FL.
- Stern, E., Gonzalez, R., Welsh, R., & Taylor, S. (2012). Behavioral and neural mechanisms of loss aversion in obsessive-compulsive disorder. Society of Biological Psychiatry, Philadelphia, PA.
- Smith, J., Ryan, L., Becker, S., & Gonzalez, R. (2012). The ROBUST study: Findings ways to survey experienced wellbeing in older adults. American Psychological Society, Chicago, IL.
- Daly, S., Christian, J., Yilmaz, S., Seifert, C., & Gonzalez, R. (2012) Design heuristics support two modes of idea generation: Initiating ideas and transitioning among concepts. American Society for Engineering Education, San Antonio, TX.
- Published in peer-reviewed, archival proceedings.
- Manzon, E., Gonzalez, R. & Seifert, C. (2012). Can you hear me now? How product attributes influence online phone reviews. American Marketing Association Summer Educator's Conference, Chicago, IL.
- Volling, B., Oh, W., & Gonzalez, R. (2012). Attachments to mother and father predict sibling relationship quality. International Society for the Study of Behavioral Development (ISSBD). Edmonton, Alberta.
- Kang, Sung, Satterfield, D., Lasrado, J., Gonzalez, R., Ladjahasan, N., Welk, G. & Wiley, C. (2012). Tailoring Snack Package Design to Children as a Health Communication Strategy. In the Proceedings of the Design Research Society Conference, Bangkok, Thailand.
- Montazeri, S., Gonzalez, R., Yoon, C., & Papalambros, P. (2012). Color, cognition, and recycling: How the design of everyday objects prompt behavior change. International Design Conference—Design 2012, Dubrovnik, Croatia.

- Yilmaz, S., Christian, J., Daly, S., Seifert, C., & Gonzalez, R. How do design heuristics affect design outcomes? International Design Conference—Design 2012, Dubrovnik, Croatia.
- Kim, J., Yoon, C., & Gonzalez, R. Product expression and self-construal: Downstream effects of connected shapes on social connectedness. International Design Conference—Design 2012, Dubrovnik, Croatia.
- Manzon, E., Yoon, C., Gonzalez, R., & Seifert, C. (2012). Is “more” always better? Older consumers and product feature fatigue. Society of Judgment and Decision Making Meetings, Minnesota.
- Garfinkel, S., Ho, S., Wang, X., Abelson, J., Taylor, S., Gonzalez, R., Smith, E., & Liberzon, I. (2012). Cortisol facilitates memory by enhancing hippocampal activation and functional connectivity. Conference on Effects of Traumatic Stress: Molecular and Hormonal Mechanisms, New York.
- Gonzalez, R., Ryan, L., & Smith, J. (2012). Activity-based well-being: Developing a psychological model and deriving indices. Gerontological Society of America Meetings, San Diego, CA.
- Bonen, E., Ellsworth, P., & Gonzalez, R. (2012). Differences in risk evaluation: A comparison of young and older adults. Society of Judgment and Decision Making, Minneapolis, MN.
- Also presented at the Society for Personality and Social Psychology Meetings, New Orleans, LA. (2013).
- Hagiwara, N., Penner, L., Gonzalez, R., Eggly, S., Dovidio, J., Gaertner, S., West, T., & Albrecht, T. (2013). The effects of racial attitudes on the dynamics of racially discordant medical interactions. Society for Personality and Social Psychology Meetings, New Orleans, LA.
- Chen, P., Garcia, S., Gonzalez, R., & Gersh, T. (2013). Synergistic effects of social comparison and evaluation apprehension in competitive motivation. Society for Personality and Social Psychology Meetings, New Orleans, LA.
- Lee, D., Ybarra, O., Gonzalez, R., & Ellsworth, P. (2013). The social basis of individual striving: Cross-cultural and experimental evidence. Society for Personality and Social Psychology Meetings, New Orleans, LA.
- Gonzalez, R. et al. (2013). Extending current practice in nonlinear modeling of longitudinal data. Society for Research on Child Development, Seattle, WA.
- Volling, B., Yu, T., Gonzalez, R. & Oh, W. (2013). Marital relationship change for mothers and fathers after a second child. Society for Research on Child Development, Seattle, WA.
- Volling, B., Gonzalez, R., Yu, T., & Oh, W. (2013). Individual differences in firstborn children’s adjustment after the arrival of a baby sibling. Society for Research on Child Development, Seattle, WA.
- Smith, J., Ryan, L., Queen, T., Becker, S., Stawski, R., & Gonzalez, R. (2013). The timing of routine daily activities shapes affective experiences. American Psychological Society, Washington, DC.
- Chen, P., Garcia, S., Gonzalez, R. (2013). The Yin and Yang of competition: Synergistic effects of social comparison and evaluation apprehension in competitive motivation. Society for the Study of Motivation, Washington, DC.

- Winner of the 2013 Young Scientist Poster Award (Chen)

Daly, S., Christian, J., Yilmaz, S., Seifert, C., & Gonzalez, R. (2013). Idea generation with 77 cards: Design heuristics for inspiring ideas. ASEE Conference, Atlanta, Georgia.

Gonzalez, R. (2013). Methodological contributions of David Kenny. University of Connecticut.

Burnap, A., Ren, Y., Papalambros, P., Gonzalez, R., & Gerth, R.. (2013). A simulation based estimation of crowd ability and its influence on crowdsourced evaluation of design concepts. Proceedings of the ASME International Design Engineering Technical Conferences and Computers and Information in Engineering Conference, Portland, OR.

- Published in peer-reviewed, archival proceedings.

Montazeri, S., Finkbiner, D., Papalambros, P., & Gonzalez, R. (2013). Save a napkin, save a tree: The role of metaphors in product design to change behavior. International Conference on Engineering Design. Seoul, Korea.

Cavagnaro, D. R., Pitt, M. A., Gonzalez, R., & Myung, Jay. (2013). Discriminating among probability weighting functions using adaptive design optimization. Society for Mathematical Psychology, Potsdam, Germany.

Yilmaz, S., Daly, S., Seifert, C., & Gonzalez, R. (2013). Comparison of design approaches between engineers and industrial designers. Engineering & Product Design Education Conference, Dublin, Ireland.

- Winner, Best Paper Award

Gonzalez, R. (2013). The role of replication in social psychological research. Society for Experimental Social Psychology, Berkeley, CA.

Strohmingner, N. & Gonzalez, R. (2013). Virtues, vices and personality: Do people reason the same way about all individual differences. Society for Personality and Social Psychology, San Diego, CA.

Gonzalez, R., Queen, T., Becker, S., & Smith, J. (2013). Need for cognition influences the structure of a day and emotions experienced during daily activities. Gerontological Society of America, New Orleans, LA.

Queen, T., Gonzalez, R., & Langa, K.. (2013). The impact of arthritis on longitudinal changes in activity engagement in older adulthood. Gerontological Society of America, New Orleans, LA.

Bonem, E., Ellsworth, P., & Gonzalez, R. (2013). Age Differences in Risk Perception and Risk Intentions across Risk Domains. Society of Judgment and Decision Making, Toronto, CA.

Chen, P., Garcia, S.M., Gonzalez, R., & Gersh, T. (2014). Comparing and Being Compared in Competitive Motivation. Academy of Management, Philadelphia, PA.

- Also presented at International Association for Conflict Management, 2014, Leiden, the Netherlands.

Gonzalez, R., Chock, D., Zielinski, S. & Raichur, V. (2014). Modeling consumer decision in response to knowledge-based multi-modal transportation. Transportation Research Board, Washington, DC.

Falk, E., Brook O'Donnell, M., Tompson, S., Gonzalez, R., Dal Cin, S., Strecher, V., & An, L. Neural systems associated with self-related processing predict population success of health messages. (2014). International Communication Association, Seattle, WA.

- Winner, Top Paper Award

Smith, J., Ryan, L., Becker, S., Queen, T., & Gonzalez, R. (2014). The effects of a restless night and feeling unwell on experienced well-being after age 50: Does marriage matter?. Population Association of America, Boston, MA.

Yilmaz, S., Daly, S., Seifert, C. & Gonzalez, R. (2014). Design heuristics as a tool to improve innovation. American Society of Engineering Education, Indianapolis, IN.

- Published in peer-reviewed, archival proceedings.

Kramer, J., Daly, S., Yilmaz, S., Seifert, C. & Gonzalez, R. (2014). A case-study analysis of design heuristics in an upper-level cross-disciplinary design course. American Society of Engineering Education, Indianapolis, IN.

- Published in peer-reviewed, archival proceedings.
- Awarded Best Paper in the Design Division
- Also presented at the Engineering Research and Scholarship in Engineering Education Poster Fair, University of Michigan, Ann Arbor, MI.

Seifert, C., Yilmaz, Y., Daly, S., & Gonzalez, R. (2014). What happens when creativity is exhausted? The role of design tools. Conference on Design Computing and Cognition. London, UK.

Zhang, C., Ryan, L., Ofstedal, M., Gonzalez, R., & Smith, J. (2014). An experimental comparison of a web, telephone and paper survey with older adults. American Association of Public Opinion Research, Anaheim, CA.

Gonzalez, R. (2014). Analytic models for multimodal data: Applications to population neuroscience. Relevance of population neuroscience for understanding human development. SRCD sponsored conference, Ann Arbor, MI.

Smith, J., Ryan, L., Wan, W., Becker, S., & Gonzalez, R. (2014). Sleep and well-being: If your spouse doesn't snooze, do you both lose? American Psychological Society Annual Meeting, San Francisco, CA.

Govia, I., Turkelson, A., Kim, B., Gonzalez, R., Jackson, J., & Antonucci, T. (2014). Racial/ethnic differences in family profiles: Findings from the National Survey of American Life Multigenerational Study. American Psychological Society Annual Meeting, San Francisco, CA.

Burnap, A., Ren, Y., Lee, H., Gonzalez, R., & Papalambros, P. Y. (2014). Improving preference prediction accuracy with feature learning. Proceedings of the ASME 2014 International Design Engineering Technical Conferences, Buffalo, NY.

- Published in peer-reviewed, archival proceedings.

Nielsen, K., & Gonzalez, R. (2014). Bivariate interaction models in the context of generalized linear mixed models. Joint Statistics Meeting, Boston, MA.

- Gonzalez, R. (2014). Thoughts on research ethics. American Psychological Association, Washington, D.C.
- Gonzalez, R., Oh, W., & Volling, B. (2014). How many classes? An evaluation of model selection strategies and practical recommendations. SRCD Special Topic Meeting: Developmental Methodology, San Diego, CA.
- Eggly, S., Penner, L.A., Tkatch, R., Gonzalez, R., Thompson, H., Chapman, R., & Albrecht, T.L. (2014) Correlates of race-related thoughts and feelings among Black cancer patients. Presented at the Seventh AACR Conference on the Science of Cancer Health. Disparities in Racial/Ethnic Minorities and the Medically Underserved, San Antonio, TX.
- Gonzalez, R., Ryan, L., Becker, S., & Smith, J. (2014). Activity allocation decisions and health: How older adults spend their day. Gerontological Society of America, Washington, DC.
- Gonzalez, R., Mejía, S., Giasson, H., Ryan, L. & Smith, J. (2014). Major life transitions: Implications for activity- based affective experiences. Gerontological Society of America, Washington, DC.
- Yilmaz, S. et al. (2015). Expanding evidence-based pedagogy with Design Heuristics. American Society for Engineering Education, Seattle, WA.
- Published in peer-reviewed, archival proceedings.
- Yilmaz, S. et al. (2015). Idea Generation Through Empathy: Reimagining the “Cognitive Walkthrough”. American Society for Engineering Education, Seattle, WA.
- Published in peer-reviewed, archival proceedings.
- Yilmaz, S., Gray, C., Seifert, C., Daly, S., & Gonzalez, R. (2015). What happens when creativity is exhausted? Design tools as an aid for ideation. American Educational Research Association, Chicago, IL.
- Winner, Best Poster
- Volling, B., Gonzalez R., Yu, Tianyi, & Oh, W. (2015). Marital conflict and birth of the second child. American Psychological Society, New York.
- Mejía, S., Gonzalez, R., & Smith, J. (2015). Experiences get under our skins: Shared stress and telomere length. American Psychological Society, New York.
- Nielsen, K. & Gonzalez, R. (2015). Regression spline mixed models for analyzing EEG data and event-related potentials. Michigan Student Symposium for Interdisciplinary Statistical Sciences, Ann Arbor, MI.
- Best Poster Award
 - Revised version presented at the 2015 UseR Conference, Denmark.
 - Revised version presented at the 2015 Seventh International Workshop for the Statistical Analysis of Neuronal Data, Pittsburgh, PA.
 - Revised version presented at the 2016 Modeling Neural Activity Conference, Waikoloa, HI.
- Gray, C., Yilmaz, C., Daly, S, Seifert, C & Gonzalez, R. (2015). Supporting Idea Generation Through Functional Decomposition: An Alternative Framing For Design Heuristics. Presented at the International Conference on Engineering Design, Milan, Italy.

- Published in peer-reviewed, archival proceedings.

Burnap, A., Bartol, C., Johnson-Roberson, M., Ren, M., Gonzalez, R. & Papalambros, P. (2015). Crowdsourcing for Search of Disaster Victims: A Preliminary Study for Search System Design. Presented at the International Conference on Engineering Design, Milan, Italy.

- Published in peer-reviewed, archival proceedings.

Montezari, S., Papalambros, P. & Gonzalez, R. (2015). Design for behavior change: An elaboration-based approach to persuasion in product design. Presented at the International Conference on Engineering Design, Milan, Italy.

- Published in peer-reviewed, archival proceedings.

Gray, C., Yilmaz, S., Daly, S., Seifert, C. & Gonzalez, R. (2015). Creativity 'misrules': First year engineering students' production and perception of creativity in design ideas. Proceedings of the ASME 2015 Conference (IDETC/CIE), Boston, MA.

- Published in peer-reviewed, archival proceedings.

Burnap, A., Hartley, J., Pan, Y., Gonzalez, R. & Papalambros, P. (2015). Balancing design freedom and brand recognition in the evolution of brand character. Proceedings of the ASME 2015 International Design Engineering Technical Conferences, IDETC Design Theory and Method Conference, Boston, MA.

- Published in peer-reviewed, archival proceedings.
- Winner, Best Paper Award

Gray, C., Yilmaz, S., Daly, S., Seifert, C., & Gonzalez, R. (2015). What problems are we solving? Encouraging idea generation and effective team communication. International Conference for Design Education Researchers, Chicago, IL.

Gray, C., Yilmaz, S., Daly, S., Seifert, C., & Gonzalez, R. (2015). Building students' ideation ability through design heuristics. International Conference for Design Education Researchers, Chicago, IL.

Mixed emotions. Oct, 2015. Conference sponsored by NIA, Ann Arbor, MI. Conference co-organizer and grant PI.

Smith, J., Mejía, S., Giasson, Becker, S., & Gonzalez, R. (2015). Freedom from job stress: Do new activities contribute spice to the lives of retirees?. Gerontological Society of America, Orlando, FL.

Mejía, S.T., Gonzalez, R., & Smith, J. (2015). Time together gets under our skins: Bio-marker concordance among couples in older adulthood. Presented in the symposium on Partners as Contexts for Health and Well-being at the 68th Annual Scientific Meetings of the Gerontological Society of America, Orlando, FL.

Mejía, S.T., Gonzalez, R., & Hooker, K. (2015). Mixed-emotions in daily life: Does retirement make a difference? Presented in the symposium on The Transition to Retirement: Changes in Activities, Well-Being, and Health at the 68th Annual Scientific Meetings of the Gerontological Society of America, Orlando, FL.

- Gonzalez, R., Mejía, S.T., Dey, R., Elliott, M., Hooker, K., & Smith, J. (2015). Doing justice to your research question: New approaches to analyzing data with intensive repeated measures. Presented in the symposium on Intensive Repeated Measures at the 68th Annual Scientific Meetings of the Gerontological Society of America, Orlando, FL.
- Pan, Y., Burnap, A., Liu, Y., Lee, H., Gonzalez, R., & Papalambros, P. (2016). A quantitative model for identifying regions of design visual attraction and application to automobile styling. International Design Conference. Dubrovnik, Croatia.
- Burnap, A., Liu, Y., Pan, Y., Lee, H., Gonzalez, R. & Papalambros, P. (2016). Estimating and exploring the product form design space using deep generative learning models. Proceedings of the ASME 2016 International Design Engineering Technical Conferences, IDETC Design Theory and Method Conference.
- Published in peer-reviewed, archival proceedings ([PDF](#))
- Nielsen, K. & Gonzalez, R. (2016). Capitalizing on the use of basis sets in regression spline mixed models. Joint Statistical Meetings, Chicago, IL.
- Hooker, K., Mejía, S.T., & Gonzalez, R. (2016) The “ROI” of an Intraindividual Variability Approach to Personality. Presented in the symposium on Defined by Change: The Intraindividual Variability Approach to Studying Individual Differences at the 28th Annual Association for Psychological Science Convention, Chicago, IL.
- Wang, C., Gonzalez, R., Emmert-Aronson, B., Parrott, R., Capella, J., & Miller, S. (2016). Psychosocial impact of communicating of genetic and/or environmental causes of colorectal cancer: A factorial experiment. Society Behavioral Medicine, Washington, DC.
- Gonzalez, R., Smith, J., Mejía, S.T., & Ryan, L.H. (2016). Measures of emotional complexity. Presented in the symposium on Operationalizing Affective Complexity: Theory, Measurement and applications at the 28th Annual Association for Psychological Science Convention, Chicago, IL.
- Mejía, S., Giasson, H., Gonzalez, R. & Smith, J. (2016). Couples’ shared experiences of aging: Perceptions, challenges and vulnerabilities. Gerontological Society of America, New Orleans, LA.
- Mejía, S., Nielsen, K., Carmichael, A., Lindsay, R., Smith, R. & Gonzalez, R. (2016). Biophysiological experiences during dishwashing: Implications for experienced well-being. Gerontological Society of America, New Orleans, LA.
- Nielsen, K., Gonzalez, R., Mejía, S., & Raichur, V. (2016). Combining biophysiological streams to disentangle cognitive and physical components of everyday life. Gerontological Society of America, New Orleans, LA.
- Chamberlain, J., Raichur, V., Nielsen, K., Carmichael, A., Mejía, S., & Gonzalez, R. (2016). Trail making and electrodermal activity in older adults: When does arousal indicate cognition? Gerontological Society of America, New Orleans, LA.
- Segal, B., Braun, T., Gonzalez, R., & Elliott, M. (2017). Tests of matrix structure for construct validation. Michigan Student Symposium for Interdisciplinary Statistical Science, Ann Arbor, MI.
- Winner, best poster in biostatistics

- Greene, M., Gonzalez, R., Papalambros, P. & McGowan, A. (2017). Design thinking vs. systems thinking for engineering design: What's the difference? International Conference on Engineering Design, Vancouver, Canada.
- Raichur, V. et al. (2017). Physiological measures of fatigue to quantify older adults' muscle activity during everyday tasks. IAGG World Congress of Gerontology and Geriatrics, San Francisco, CA.
- Couletianos, M., Sarvestani, A., Gonzalez, R., & Sienko, K. (2017). Design requirements for task-shifting medical devices. WHO Global Forum on Medical Devices, Geneva, Switzerland.
- Mejía, S & Gonzalez, R. (2017). Couples' Shared Self-Perceptions of Aging and Implications for Future Functional Limitations. IAGG World Congress on Gerontology & Geriatrics, San Francisco, CA.
- Raichur, V., Mejía, S., Nielsen, K., Piszker, A., & Gonzalez, R. (2017). Physiological Measures of Fatigue to Quantify Older Adults' Muscle Activity During Everyday Tasks. IAGG World Congress on Gerontology & Geriatrics, San Francisco, CA.
- Gonzalez, R. (2017). Advanced Computational Neuroscience Network: NSF Big Data Spoke.
- Presented Indiana University, Two Day NSF Workshop
 - Presented at Midwest Big Data Hub, Omaha, Nebraska
- Bolger, N. & Gonzalez, R. (2017). Why social psychologists should use Bayesian statistics. Society for Experimental Psychology, Full Invited Symposium, Boston, MA.
- Mejía, S., Nielsen, K., Zainulbhai, H., Carmichael, A., & Gonzalez, R. (2018). Insight into intraindividual variability in life space via passive location monitoring of daily activity. International Society for Gerontechnology, World Conference, St. Petersburg, FL.
- Prescott, H., Carmichael, A., Langa, K., Gonzalez, R., & Iwashyna, T. (2018). Paths into sepsis: Trajectories of pre-sepsis healthcare use. American Thoracic Society, San Diego, CA.
- Raichur, V., Ryan, L., Mejía, S., Gonzalez, R., & Smith, J. (2018). Longitudinal analysis of changing consumption patterns in aging households in the United States. Population Association of America, Denver, CO.
- Also presented at the Global Aging & Community Initiative, University of Michigan
- Mejía, S., Gonzalez, R., & Smith, J. (2018). Implications of individual and shared experiences for couples' cumulative risk in older adulthood. Gerontological Society of America. Boston, Ma.
- Raichur, V., Mejía, S., Nielsen, K., Carmichael, A., & Gonzalez, R. (2018). Differential alignment of subjective and objective measures of effort by older adults in an IADL. Gerontological Society of America. Boston, Ma.
- Raichur, V., Ryan, L., Gonzalez, R., & Smith, J. (2018). Longitudinal analysis of internet use patterns among older adults in the US. Gerontological Society of America. Boston, Ma.
- Nielsen, K., Mejía, S., Gonzalez, R., & Carmichael, A. (2018). Deviation from typical paths as a measure of intraindividual variation in lifespace. Gerontological Society of America. Boston, Ma.

- Carmichael, A., Raichur, V., Burnside, L., Nielsen, K., Mejía, S., & Gonzalez, R. (2018). Practical guidance on the selection of physiological sensors for gerontological research. Gerontological Society of America. Boston, Ma.
- Birditt K., Antonucci, T., Gonzalez, R., & Najarian, K. (2018). The stress and well-being in everyday life (SWEL) study: Challenges and preliminary findings. Gerontological Society of America. Boston, Ma.
- Bader, L., Volling, B., Safyer, P., McDonough, S., Gonzalez, R., Elhassan, M., Kaciroti, N., Tan, L., & Vazquez, D. (2019). Mothers' sensitivity to infants linked to mother-Infant cortisol attunement during the still-face paradigm. Society for Research in Child Development, Baltimore, MD.
- Also presented at the Midwest Society for Pediatric Research, 2019
- Burns, G., Gonzalez, R. & Zernicke, R. (2019). A novel method to estimate spring-mass parameters in running using nonlinear regression. International Society of Biomechanics-American Society of Biomechanics Joint Meeting, Calgary, Alberta.
- Gonzalez, R. (2019). Heterogeneity in social psychology. Society for Experimental Social Psychology, Toronto, Canada.
- Gonzalez, R., Abbott, P., Ashton-Miller, J., & Smith, J. (2019). Distinguishing subjective experience from objective factors in decision making and perceived effort. Gerontological Society of America, Austin, TX.
- Birditt, K., Turkelson, A., Mones, M., Najarian, K., & Gonzalez, R. (2019). Matters of the heart: Daily social interactions and cardiovascular reactivity in middle and old age. Gerontological Society of America, Austin, TX.
- Carmichael, A., Wisniewski, M., Nielsen, K., Leonard, N., Wank, M., Raichur, V. & Gonzalez, R. (2019). Reflections from HomeLab: Developing tasks to measure upper-body function in a simulated home. Gerontological Society of America, Austin, TX.
- Mejía, S. & Gonzalez, R. (2019). Latent dyadic change model of spousal similarity in physiological markers of aging. Gerontological Society of America, Austin, TX.
- Leonard, N., Wank, M., Nielsen, K., Carmichael, A., Wisniewski, M., Raichur, V. & Gonzalez, R. (2019). Choreographing interaction within the U-M HomeLab: Considerations for an older adult population. Gerontological Society of America, Austin, TX.
- Gonzalez, R. (2020). Assumptions in nonlinear mixed models: Illustrations using Covid-19 data. A meeting of methodologies—Advancing methods development, application, and teaching in psychology, the behavioural, and social sciences. Vancouver, BC, Canada.
- Lo, S., Gearhardt, A., Katz, B., Kaciroti, N., Gonzalez, R., Hunter, C., Chaudhry, K., Miller, A., & Lumeng, J. (2020). Targeting self-regulation skills in children to promote health behaviors: Clinical trial results. Society of Behavioral Medicine, San Francisco, CA.
- selected for Citation Award
- Tan, L., Volling, B.L., Gonzalez, R. & LaBounty, J. (2020), The development trajectory of children's emotion understanding in early childhood. 26th Biennial Meeting of the International Society for the Study of Behavioral Development, Greece. (Conference canceled due to Covid pandemic)

- Bader, L., Tan, L., Volling, B., Gonzalez, R., & Provenzi, L. (2020). Adrenocortical attunement between infants and their fathers and mothers. *International Society of Psychoneuroendocrinology*. Virtual meeting due to Covid-19 pandemic.
- Leonard, N., Carmichael, A.G., Jackson, J., Huang, L., Doshi, A., Leggett, A., Robinson-Lane, S.G., & Gonzalez, R. (2020). An action research method for generating human-centered COVID-19 caregiving interventions. Poster presentation at the Gerontological Society of America's annual meeting, Virtual due to COVID-19.
- Leggett, A., Carmichael, A.G., Leonard, N., Robinson-Lane, S.G., Li, S., Oxford, G., Wisniewski, M., & Gonzalez, R. (2020). Family caregivers on the frontline: Challenges of providing care to post-ICU COVID-19 patients. Poster presentation at the Gerontological Society of America's annual meeting, Virtual due to COVID-19.
- Bader, L., Tan, L., Gonzalez, R., Saini, E., Bae, Y., Provenzi, L., & Volling, B. (2021). Adrenocortical interdependence in father-infant and mother-infant dyads: Attunement or something more?. *Society for Research in Child Development*. Virtual Biennial Meeting due to COVID-19.
- Tan, L., Volling, B., Gonzalez, R., Labounty, J. & Rosenberg, L. (2021). The developmental trajectory of children's emotion understanding in early childhood. *Society for Research in Child Development*. Virtual Biennial Meeting due to COVID-19.
- Tan, L., Bae, Y., Volling, B., & Gonzalez, R. (2021). Emotion understanding and children's attachment security to mothers and fathers across the Transition to siblinghood. *Society for Research in Child Development*. Virtual Biennial Meeting due to COVID-19.
- Su, T., Mejía, S.T., & Gonzalez, R. (2021) Examining the impact of individual and shared biological risks on health among older married couples. Presented at the Annual Scientific Meeting of the Gerontological Society of America, Phoenix, AZ. Virtual due to COVID-19.
- Diminich, E., Ajrouch, K., Antonucci, T., Clouston, S., Vega, I., Zahodne, L., Webster, N. & Gonzalez, R. (2021) Immigration-related trauma associated with metabolic risk and cognition in hispanic and latino Immigrant populations. Presented at the Annual Scientific Meeting of the Gerontological Society of America, Phoenix, AZ. Virtual due to COVID-19.
- Carmichael, A., Leonard, N., Jackson, J., Solway, E., Kirch, M., Singer, D., Gonzalez, R. & Leggett, A. (2021). Caregiving challenges during the COVID-19 pandemic: Findings from the National Poll on Healthy Aging. Presented at the Annual Scientific Meeting of the Gerontological Society of America, Phoenix, AZ. Virtual due to COVID-19.
- Munoz, E., Zahodne, L., Gonzalez, R., Webster, N., Sliwinski, M., & Scott, S. (2021). Psychosocial stress profiles and cognitive function in a racially and ethnically diverse sample of adults. Presented at the Annual Scientific Meeting of the Gerontological Society of America, Phoenix, AZ. Virtual due to COVID-19.
- Griffin, D. & Gonzalez, R. (2022). Assessing the evidence for loss aversion. *Economic Science Association*, Boston, Mass.
- Gonzalez R. & Smith, J. (2022). Modeling reserve across multiple domains and interventions. *International Society for the Study of Behavioral Development*, Rhodes, Greece.

Griffin, D. & Gonzalez, R. (2022). A new look at loss aversion. Foundations of Utility meeting, Ghent, Belgium.

Upcoming Conference Presentations

Hu, M., Murphey, Y., Wang, S., Qin, T., Zhao, Z., Gonzalez, R., Freedman, V. & Zahodne, L. (2022). Exploring the use of machine learning to improve dementia detection: Automating coding of the clock-drawing test. Presented at the Annual Scientific Meeting of the Gerontological Society of America, Indianapolis, IN.

Koumoutzis, A., Ellis, K., Lewis, J., Lin, Z., Zhou, Y., Chopik, W. & Gonzalez, R. (2022). All hands on deck: Conceptualizing and operationalizing collaboration within care networks. Presented at the Annual Scientific Meeting of the Gerontological Society of America, Indianapolis, IN.

Birditt, K., Turkelson, A., Gonzalez, R. & Antonucci, T. (2022). Chronic negative social ties: Implications for exposure and reactivity to daily social interactions. Presented at the Annual Scientific Meeting of the Gerontological Society of America, Indianapolis, IN.

Robinson-Lane, S., Johnson, F., Leggett, A., Carmichael, A., Leonard, N. & Gonzalez, R. (2022). Unexpected caregiving: Life after a COVID-19 intensive care unit hospitalization. Presented at the Annual Scientific Meeting of the Gerontological Society of America, Indianapolis, IN.

Robinson-Lane, S., Johnson, F., Leggett, A., Carmichael, A., Leonard, N. & Gonzalez, R. (2022). Adapting to family caregiving following a COVID-19 intensive care unit hospitalization. Roy Adaptation Association Annual Meeting.

Ansari, S., Golbus, J. Yang, H. Motyka, J., Blackmer, J., Hero, A., Gonzalez, R., Nallamotheu, B., Ward, K. & Aaronson, K. (submitted). Comparison of heart failure risk prediction models in a pragmatic setting. American Hospital Association, Chicago, IL.)

Invited Colloquia/Seminar Presentations

University of British Columbia (1989)
 Harvard University (1990)
 Notre Dame University (1990)
 University of Arizona (1990)
 University of California, Los Angeles (1990)
 University of California, Santa Barbara (1990)
 University of Oregon (1990)
 University of Washington (1990)
 Wesleyan University (1990)
 University of Victoria (1991)
 University of British Columbia (1992)
 University of Chicago (1992)
 University of Illinois, Chicago (1992)
 University of Waterloo (1993)
 California State University, Los Angeles (1994)
 University of Maryland (1995)
 Princeton University (1996)

Cornell University (1997)
 University of Connecticut (1997)
 University of Michigan (1997)
 Yale University (1997)
 Ohio State University (1998)
 University of Chicago (1999)
 University of California, Berkeley (1999)
 Ecole Normale Supérieure de Cachan, Paris, Economics Dept (2000)
 Warsaw University (2002)
 Ecole Normale Supérieure de Cachan, Paris, Economics Dept (2003)
 INSEAD, France (2007)
 University of Michigan (2008)
 Warsaw University (2008)
 Institute of Psychology, Chinese Academy of Sciences, Beijing (2008)
 Ohio State University, Robert Wherry Invited Lecture (2009)
 University of Virginia (2009)
 Yale University (2011)
 University of Michigan (2011)
 University of Washington (2013), Allen Edwards Lectureship
 Columbia University (2013)
 Warsaw University (2014)
 University of Michigan (2015)
 RAND, Santa Monica, CA (2015)
 University of Michigan (2018)
 University of Iowa (2018)
 Proctor & Gamble (2018)
 Pitney Bowes Analytic Summit (2018)
 University of Michigan (2019)
 University of California, Los Angeles (2019)

Workshops

Monitoring social change with survey data. Two week workshop co-taught with Eugene Burnstein and Grażyna Wieczorkowska. 2001, Warsaw University, Poland. Gonzalez also co-taught the workshop with Wieczorkowska in 2002 and 2003.

New directions in decision making, Two week workshop. 2000, Département Économie et Gestion, Ecole Normale Supérieure de Cachan, Paris.

Analysis of dyadic and group data. Five day workshop. 1999, 2000 & 2001, Research Center for Group Dynamics, Institute of Social Research, University of Michigan.

Research methodology in social psychology. Five day workshop. 1998, 1999 & 2002, Research Center for Group Dynamics, Institute of Social Research, University of Michigan.

Psychology of Judgment and Decision Making. Two week workshop. 2006, 2007, 2008 & 2009. Warsaw University.

Introduction to Modern Bayesian Modeling and Computation. 2007. University of Michigan. Half-day workshop co-taught with Fred Feinberg.

Longitudinal dyadic data analysis. 2009. University of Michigan, One day workshop sponsored by the Center for the Analysis of Pathways from Childhood to Adulthood (CAPCA).

Dyadic data analysis. 2010. Half day workshop sponsored by the Center for Families. Purdue University, Indiana.

Dyadic data analysis. 2013. Two day workshop, Statistical Horizons, Philadelphia, PA.

Big data. 2014. Half day workshop at the American Psychological Society, San Francisco, CA.

- Repeated in 2015 APS, New York, NY
- Repeated in 2015, LIFE Academy, MI

Papalambros, P. & Gonzalez, R. 2014. Half day workshop on Design Preference Elicitation. Conference on Design Computing and Cognition. London, UK.

General Linear Model in R. 2014. Six day workshop sponsored by the Warsaw University, Warsaw, PL.

Basics in the R Statistical Language. 2014. Two day workshop, Statistical Horizons, Philadelphia, PA.

- Repeated in 2015, Philadelphia, PA.

Upcoming Workshops

TBA

Research Outreach

Faculty Speaker, Camp Michigania, University of Michigan Alumni Camp, MI. 8 summers, one fall & one winter, 2001-2007, 2014, 2018.

Invited Speaker, AP Psychology, Saline High School, MI. 2009.

Speaker, Science Sunday, Saline Public Library, MI. 2010.