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Education

Ph.D., University of Chicago, 1986. Cognitive Psychology.
B.A., Hampshire College, 1977. Cognitive Science

Current Research

New technologies in survey data collection including interactive web surveys, virtual interviewers, and mobile devices; Interviewer-respondent interaction and interviewing techniques; role of public events in personal memory

Professional Employment

2012 – present: Director, Michigan Program in Survey Methodology, University of Michigan and Joint Program in Survey Methodology, University of Maryland

2011 - present: Research Professor, Institute for Social Research, University of Michigan
Research Professor of Psychology, University of Michigan
Research Professor, Joint Program in Survey Methodology, University of Maryland

2006 – 2011: Research Associate Professor, Institute for Social Research, University of Michigan
Adjunct Associate Professor of Psychology, University of Michigan
Research Associate Professor, Joint Program in Survey Methodology, University of Maryland

2002-2006: Associate Research Scientist, Institute for Social Research, University of Michigan and Research Associate Professor, Joint Program in Survey Methodology, University of Maryland

1991 to 2002: Research/Senior Research Psychologist, Bureau of Labor Statistics.

1989 – 1991: Principal Software Engineer, Artificial Intelligence Research Group, Digital Equipment Corporation.

1986 – 1989: Post-doctoral Research Associate, Intelligent Tutoring Laboratory, Department of Psychology, Carnegie-Mellon University.

Visiting and Adjunct Appointments, Consulting, Graduate Assistantships

2009 – 2011: Consultant, Center for AIDS Preventions Studies, University of California San Francisco.

2007 – 2011: Consultant, Bureau of Labor Statistics, Washington, DC.

June, 2000: Visiting Scholar, Department of Research Methodology, Vrieje Universiteit of Amsterdam, Netherlands (laboratory of Dr. Wil Dijkstra).

1998 to 2002: Adjunct Assistant Professor, Joint Program for Survey Methodology, University of Maryland.

1998: Adjunct Associate Professor, Department of Psychology, George Mason University.

July, 1998: Instructor, Swiss Summer School, Swiss National Science Foundation, L'Università della Svizzera Italiana

1991 – 1995: Occasional Consultant, Survey Research Center, University of Maryland.

1991: Consultant, Center for Survey Research, University of Massachusetts at Boston.

1985 – 1986: Research Coordinator, Project on Estimation and Survey Research, University of Chicago.

1979 – 1983: Research Assistant to Lance Rips, University of Chicago.

1981 – 1986: Graduate Teaching Assistant, University of Chicago.

1977 – 1978: Research Assistant to Edward Smith, Psychology Department, Stanford University, and Summer, 1977, Psychology Department, Rockefeller University.

Grants and Awards

10/10 – 9/13	"Collaborative Research: Responding to Surveys on Mobile, Multimodal Devices," National Science Foundation Grant # SES 1026225. Principal Investigator: Frederick Conrad; simultaneous award to New School for Social Research, Michael Schober, PI.
07/09 – 06/11	"Risk Communication for Environmental Exposure," National Institute of Environmental Health Sciences Grant # R01ES016306. Principal investigator, Edith Parker.
09/08 – 08/09	"Collaborative Research: Acoustic Properties, Listener Perceptions, and Outcomes of Interactions between Survey Interviewers and Sample Persons," National Science Foundation grant SES-0819734. Principle investigator (original PI, Robert Groves, University of Michigan); parallel award to Jose Benki, Michigan State University.
05/07 – 04/12	"Improving the Design of Health Surveys on the Web," National Institutes of Health grant # R01 HD041386-04A1, Principal investigator Roger Tourangeau, University of Michigan.
03/07 – 02/10	"Disability, Time Use, and Well-being Among Middle-Aged and Older Married Couples," National Institutes of Health grant # P01 AG029409-01 Principal investigator Vicki Friedman, University of Medicine and Dentistry of New Jersey School of Public Health.
05/06 – 08/06	Rackham Graduate School (University of Michigan) Spring/Summer Fellowship for Support of a Doctoral Student
10/05 – 09/08	"Animated Agents in Self-Administered Surveys" National Science Foundation grant SES 0551300. Principal investigator; co-PI Michael Schober, New School for Social Research.
04/05 – 08/05	"Experiments to Understand How Americans React to New Election Procedures" with Michael Hanmer, Georgetown University and Michael Traugott, University of Michigan. A module in survey administered by "Time-sharing Experiments in the Social Sciences" NSF Grant 0094964, Diana C. Mutz and Arthur Lupia, Principal Investigators.
03/05 – 02/06	"Envisioning the Survey Interview of the Future," a workshop to foster synergy between survey methodologists and communication technologists. National Science Foundation grant SES-0454832. Principal investigator with Michael Schober, New School for Social Research (Co-PI). Supplemental award made to organize follow-up workshop in United Kingdom in 2007.
01/04 – 12/08	"Informed consent and perceptions of risk and harm in survey participation," National Institute of Child Health and Human Development, National Institutes of Health. With Eleanor Singer (PI), Mick Couper and Robert Groves, all of the University of Michigan.
06/01/03-05/31/06	"Visual and Interactive Issues in the Design of Web Surveys," National Institute of Child Health and Human Development,

	National Institutes of Health, grant # R01 HD041386-01A1. Roger Tourangeau (PI) and Mick Couper (both at University of Michigan).
06/01/03-05/31/06	"An Assessment of voting technology and ballot design." National Science Foundation grant IIS0306698. Paul Herrnson (PI, University of Maryland), Ben Bederson (University of Maryland), Richard Niemi (University of Syracuse), Mike Traugott (University of Michigan).
2001-2004	"Visual and interactive features of web surveys" National Science Foundation grant SES0106222, Co-Principal Investigator with Roger Tourangeau (PI), University of Michigan, Mick Couper (Co-PI), University of Michigan and Reginald Baker (Co-PI), MS-Interactive.
2001	United States Department of Labor Secretary's Exceptional Achievement Award.
2000-2003	"Adaptive interfaces for collecting survey data from users" National Science Foundation grant IIS-0081550, Co-Principal Investigator with Michael Schober (PI), New School University.
1999-2001	"The cognitive basis of seam effects in panel surveys" National Science Foundation grant SES-99-07414, Government Partner with Lance Rips (PI), Northwestern University.
1998-2000	"Costs and benefits of conversational survey interviewing" National Science Foundation grant SBR-97-0140, Government Partner with Michael Schober (PI), New School for Social Research.
1998	Bureau of Labor Statistics Award for Eminent Achievement.
1997	United States Department of Labor Secretary's Exceptional Achievement Award
1995	Annual Research Practicum, Joint Program on Survey Methodology, University of Maryland; proposed project (on behalf of Bureau of Labor Statistics) about improving occupational classification of survey respondents by asking about their skills.
1985, 1986	Co-authored two proposals with Lance Rips, University of Chicago, to study sentence comprehension, funded by the Benton Foundation awarded to Lance Rips.

Publications

Books

Tourangeau, R., Conrad, F.G., Couper, M.P. (in press). *The Science of Web Surveys.* Oxford: Oxford University Press.

Conrad, F.G. & Schober, M.F. (Eds.) (2008). *Envisioning the Survey Interview of the Future*. New York: Wiley & Sons.

Herrnson, P.S, Niemi, R.G., Hanmer, M.J., Bederson, B., Conrad, F.G. & Traugott, M. (2008). *Voting Technology: The Not-So-Simple Act of Casting a Ballot*. Brookings Institution Press.

Payne, D.G. & Conrad, F.G. (Eds.) (1997). *Intersections in Basic and Applied Memory Research*. Mahwah, NJ: Lawrence Erlbaum Associates, Publishers.

Journal articles and book chapters

Conrad, F.G., Schober, M.F., & Schwarz, N. (in press). Pragmatic processes in survey interviewing. In T. Holtgraves (Ed.), *Oxford Handbook of Language and Social Psychology.* Oxford: Oxford University of Press.

Conrad, F., Broome, J., Benki, J., Kreuter, F., Groves, R., Vannette, D., & McClain, C. (in press). Interviewer Speech and the Success of Survey Invitations. *Journal of the Royal Statistical Society: A.*

Schober, M.F., Conrad, F.G, Dijkstra, W., & Ongena, Y. (2012). Disfluencies and gaze aversion in unreliable responses to survey questions. *Journal of Official Statistics, 28*, 555-582.

Traugott, M. W. and Conrad, F.G. (2012). Confidence in the electoral system: Why we do auditing. In Alvarez, R. M., Atkeson, L.R. & Hall, T.E. (Eds.) *Confirming elections: Creating confidence and integrity through election auditing* (41-56). New York: Palgrave MacMillan.

Freedman, V. A., Stafford, F., Schwarz, N., and Conrad, F. (in press). Measuring Time Use of Older Couples: Lessons from the Panel Study of Income Dynamics. *Field Methods, 25.*

Brown, N. R., Hansen, T. G. B., Lee, P. J., Vanderveen, S. A., & Conrad, F. G. (2012). Historically-defined autobiographical periods: Their origins and implications. In D. Berntsen & D. Rubin (Eds). *Understanding autobiographical memories: Theories and approaches* (pp. 160-180). Cambridge: Cambridge.

Freedman, V.A., Stafford, F., Conrad, F. & Schwarz, N. (2012). Time Together: An Assessment of Diary Quality For Older Couples. *Annals of Statistics and Economics, 105-106*, 271-289.

Freedman, V. A., Stafford, F., Schwarz, N., and Conrad, F. (2012). Disability, Participation, and Subjective Wellbeing Among Older Couples. *Social Science & Medicine. 74*, 588-96.

Blair, J. & Conrad, F.G. (2011). Sample size for cognitive interview pretesting. *Public Opinion Quarterly, 75*, 636-658.

Conrad, F.G. (2011). Response 2 to Miller's Chapter: Cognitive Interviewing. In Madans, J., Miller K., Maitland, A., and Willis, G. (Eds.). *Question Evaluation Methods* (pp. 93-102). Hoboken, NJ: John Wiley and Sons.

Yan, T., Conrad, F.G., Couper, M.P. & Tourangeau, R. (2011). Should I stay or should I go: The effects of progress feedback, promised task duration, and length of questionnaire on completing web surveys. *International Journal of Public Opinion Research, 23,* 131-147.

Couper, M., Kennedy, C., Conrad, F. & Tourangeau, R. (2011) . Designing input fields for non-narrative open-ended responses in web surveys. *Journal of Official Statistics, 27,* 65-85.

Houle, C., Joseph, L.M., Caldwell, C.H., Conrad, F.G., Parker, E.A. (2011). Congruence between urban adolescent and caregiver responses to questions about the adolescent's asthma. *Journal of Urban Health, 88,* 30-40.

Conrad, F. G., Couper, M. P., Tourangeau, R. & Peytchev, A. (2010). Impact of progress indicators on task completion. *Interacting with Computers*, *22*, 417–427.

Couper, M.P., Singer, E., Conrad, F.G., Groves, R. M. (2010). Experimental studies of disclosure risk, disclosure harm, topic sensitivity, and survey participation. *Journal of Official Statistics, 26.*287-300.

Hanmer, M.J., Park W-H., Traugott, M.W., Niemi, R. G., Herrnson, P. S., Bederson, B. B., Conrad, F. G. (2010) Losing Fewer Votes: The Impact of Changing Voting Systems on Residual Votes. *Political Research Quarterly*. *63*, 129-143.

Peytchev, A., Conrad, F.G., Couper, M.P & Tourangeau, R. (2010). Increasing respondents' use of definitions in web surveys. *Journal of Official Statistics, 26,* 630-350.

Brown, N., Lee, P., Krslak, M., Conrad, F., Hansen, T., Havelka, J., Reddon, J. (2009). Autobiographical memory, war, terrorism. *Psychological Science, 20* 399-405.

Conrad, F. G. and Blair, J. (2009). Sources of error in cognitive interviews. *Public Opinion Quarterly, 73,* 32-55.

Conrad, F.G., Rips, L.J. & Fricker, S.S. (2009). Seam effects in quantitative responses. *Journal of Official Statistics. 25*, 339–361.

Conrad, F.G., Bederson, B. B., Lewis, B. , Traugott, M. W., Hanmer, M. J., Herrnson, P. S., Niemi, R. G. & Peytcheva, E. (2009). Electronic voting eliminates hanging chads but introduces new usability challenges. *International Journal of Human-Computer Studies. 67,* 111-124.

Galesic, M., Tourangeau R., Couper, M.P., & Conrad, F.G. (2009). Eye-tracking data: New insights on response order effects and other cognitive shortcuts in survey responding. *Public Opinion Quarterly, 72,* 892-913.

Herrnson, P.S., Niemi, R.G., Hanmer, M. J., Francia, P.J., Bederson, B.B., Conrad, F.G., and Traugott, M.W. (2008) Voter reactions to electronic voting systems: Results from a usability field test. *American Politics Research*., *36,* 580-611

Conrad, F.G. & Schober, M.F. (2008). New frontiers in standardized survey interviewing. In Hesse-Biber, S.N. & Leavey, P. (Ed.) *Handbook of Emergent Methods in Social Research* (pp. 173-188). New York: NY: Guilford Publications.

Couper, M. P., Singer, E., Conrad, F., & Groves, R.M. (2008). Risk of disclosure, perceptions of risk, and concerns about privacy and confidentiality as factors in survey participation. *Journal of Official Statistics,* 24, 255-275.

Conrad, F.G., Schober, M. F. & Dijkstra, W. (2008). Cues of communication difficulty in telephone interviews. In Lepkowski, J.M., Tucker, C., Brick, M., de Leeuw, E., Japec, L., Lavrakas, P., Link, M. & Sangster, R. (Eds). *Advances in telephone survey methodology* (pp. 212-230). New York: Wiley.

Schober, M.F &. Conrad, F.G (2008). Survey interviews and new communication technologies. In Conrad, F.G. & Schober, M.F. (Eds.) *Envisioning the Survey Interview of the Future.* New York: Wiley & Sons.

Conrad, F.G., Schober, M. F., & Coiner, T. (2007) Bringing features of human dialogue to web surveys. *Applied Cognitive Psychology, 21,* 165-188.

Couper, M.P., Conrad, F.G. & Tourangeau (2007). Visual context effects in web surveys. *Public Opinion Quarterly, 71,* 91-112.

Ehlen, P., Schober, M.F. & Conrad, F.G. (2007). Modeling speech disfluency to predict conceptual misalignment in speech survey systems. *Discourse Processes, 44, 3,* 245-266..

Tonn, B. & Conrad, F.G. (2007). Thinking about the future: A psychological analysis. *Social Behavior and Personality, 35*, 889-902.

Tourangeau, R., Couper, M.P., & Conrad, F.G. (2007). Color, labels and interpretive heuristics for response scales. *Public Opinion Quarterly, 71*, 91-112.

Conrad, F.G., Couper, M.P., Tourangeau, R. & Peytchev, A. (2006). Use and non-use of clarification features in web surveys. *Journal of Official Statistics, 22,245-269.*

Tourangeau, R., Conrad, F.G., Arens, Z., Fricker, S., Lee, S. & Smith, E. (2006). Everyday concepts and classification errors: Judgments of disability and residence. *Journal of Official Statistics, 22,* 385-418.

Couper, M. P., Tourangeau, R., Conrad, F.G. & Singer, E. (2006). Evaluating the effectiveness of visual analog scales: A web experiment. *Social Science Computer Review, 24*, 227-245.

Tonn, B., Conrad, F. & Hemrick, A. (2006). Cognitive representations of the future: Survey results. *Futurist. 38,* 810-829.

Conrad, F. G. & Schober, M.F. (2005). Promoting uniform question understanding in today's and tomorrow's surveys. *Journal of Official Statistics, 21*, 215 – 231.

Conrad, F.G. (2005). Standardized interviewing and alternatives. In Best, S. & Radcliff, B. (Eds.), *Polling America: An Encyclopedia of Public Opinion, Volume 2*. Portsmouth, NH: Greenwood Press, pp. 774-777.

Herrnson, P. S., Abbe, O.G, Francia, PL., Bederson, B. B., Lee, B., Sherman, R.M. Conrad, F., Niemi, R. G. & Traugott, M. (2005). Early appraisals of electronic voting. *Social Science Computer Review, 23,* 274-292.

Conrad, F.G. & Blair, J. (2004). Aspects of data quality in cognitive interviews: The case of verbal reports. In S. Presser, J. Rothgeb, M. Couper, J. Lessler, E. Martin, J. Martin & E. Singer (Eds.) *Questionnaire Development, Evaluation and Testing Methods*. New York: John Wiley and Sons, pp. 67-88.

Couper, M. P, Tourangeau, R., Conrad, F. & Crawford, S. (2004). What they see is what we get: Response options for web surveys. *Social Science Computer Review, 22*, 111-127

Schober, M.F., Conrad, F.G. and Fricker, S.S. (2004). Misunderstanding standardized language in research interviews. *Applied Cognitive Psychology, 18*, 169-188.

Tourangeau, R., Couper, M. F., Conrad, F. G. (2004). Spacing, position, and order: interpretive heuristics for visual features of survey questions. *Public Opinion Quarterly*, *68*, 368 – 393.

Conrad, F.G., Brown, N.R. and Dashen, M. (2003). Estimating the frequency of events from unnatural categories. *Memory and Cognition, 31*, 552-562

Rips. L. J., Conrad, F.G. & Fricker, S. S. (2003). Straightening the seam effect in panel surveys. *Public Opinion Quarterly, 67*, 522-554.

Tonn, B. and Conrad, F. (2003). A technique for characterizing the attributes of hard-to-price products. *Field Methods, 15*, 202-217.

Schober, M.F. & Conrad, F.G. (2002). A collaborative view of standardized survey interviews. In D. Maynard, H. Houtkoop-Steenstra, Schaeffer, N. C. & van der Zouwen. (Eds.). *Standardization and Tacit Knowledge: Interaction and Practice in the Survey Interview*. New York: John Wiley and Sons, pp. 67-94.

Bosley, J. J., & Conrad, F.G. (2001). Usability testing of data access tools. In Smith, M.J., Salvendy, G., Harris, D. and Koubek, R.J. (Eds.), *Usability Evaluation and Interface Design: Cognitive Engineering, Intelligent Agents and Virtual Reality.* Mahwah, NJ: Lawrence Erlbaum Associates, Publishers, pp. 978-982.

Conrad, F.G. (2001). Review of "The Science of Self-Report: Implications for Research and Practice." *Journal of Official Statistics, 17*, 436-439.

Conrad, F.G. & Schober. M.F. (2000). Clarifying question meaning in a household telephone survey. *Public Opinion Quarterly, 64*, 1-28.

Conrad, F.G. (1999). Customizing survey procedures to reduce measurement error. In M.G. Sirken, D.J. Herrmann & S. Schechter, N. Schwarz, J. Tanur & R. Tourangeau (Eds.), *Cognition and Survey Research*. New York: John Wiley and Sons, pp. 301-317.

Bosley, J., Conrad, F.G. & Uglow, D.A. (1998). Pen CASIC: Design and usability. In M. Couper, R. Baker, J. Bethlehem, C. Clark, J. Martin, W. Nicholls, & J. O'Reilly (Eds.), *Computer Assisted Survey Information Collection*. New York: John Wiley & Sons, pp. 521-541.

Conrad, F.G., Brown, N. R. & Cashman, E. R. (1998). Strategies for estimating behavioural frequency in survey interviews. *Memory, 6*, 339-366.

Conrad, F.G. (1997). Using expert systems to model and improve survey classification processes. In L. Lyberg, P.Biemer, M. Collins, E. DeLeeuw, C. Dippo, N. Schwarz & D. Trewin (Eds.), *Survey Measurement and Process Quality*. New York: John Wiley & Sons, pp. 393-414.

Conrad, F.G. (1997). Measuring consumption and consuming measurement: The challenge of studying consumers from a federal perspective. In Merrie Brucks and Deborah J. MacInnis, eds., *Advances in Consumer Research, Vol. 24*, Provo, UT: Association for Consumer Research, pp. 330-332.

Payne, D.G., Conrad, F.G. & Hager, D.R. (1997). Basic and applied memory research: Empirical, theoretical and metatheoretical issues. In D.G. Payne & F.G. Conrad, (Eds.) *Intersections in Basic and Applied Memory Research*. Mahwah, NJ: Lawrence Erlbaum Associates, Publishers, pp.45-68.

Schober, M.F. & Conrad, F.G. (1997). Does conversational interviewing reduce survey measurement error? *Public Opinion Quarterly, 61*, 576-602. Reprinted in N.G. Fielding (Ed.), (2003), *Interviewing, Vol. 1* (SAGE Benchmarks in Social Science Research Series). London, UK/Thousand Oaks, CA: Sage Publications.

Conrad, F.G. & Brown, N.R. (1996). Estimating frequency: A multiple strategy perspective. In Herrmann, D.J., McEvoy, C., Hertzog, C., Hertel, P. and Johnson, M.K. (Eds.) *Basic and Applied Memory Research: Practical Applications, Volume 2*. Mahwah, NJ: Lawrence Erlbaum Associates, Publishers, pp. 166-179.

Conrad, F.G. and Tucker, N.C. (1996, March). How has cognitive psychology affected survey methodology? *Amstat News*, pp. 29-31.

Conrad, F.G. and Tucker, N.C. (1996, January). What does cognitive psychology offer survey methodology? *Amstat News*, pp. 27-29.

Levi, M.D. & Conrad, F.G. (1996, July and August). A heuristic evaluation of a World Wide Web prototype. *interactions, 3*, 50-61.

Anderson, J.R., Conrad, F.G. & Corbett, A.T. (1993). The LISP tutor and skill acquisition. In Anderson, J.R. *Rules of the Mind*. Hillsdale, NJ: Lawrence Erlbaum, Publishers, pp. 143-164.

Anderson, J.R., Conrad, F.G., Corbett, A.T., Fincham, J.M., Hoffman, D., & Wu, Q. (1993). Computer programming and transfer. In Anderson, J.R. *Rules of the Mind.* Hillsdale, NJ: Lawrence Erlbaum, Publishers, pp. 205-233.

Rips, L.J. & Conrad, F.G.(1990). Parts of activities: A response to Fellbaum and Miller. *Psychological Review, 97*, 572-575.

Rips, L.J. & Conrad, F.G.(1989). Folk psychology of mental activities. *Psychological Review, 96,* 187-207.

Anderson, J.R., Conrad, F.G. & Corbett, A.T. (1989). Skill acquisition and the LISP tutor. *Cognitive Science, 13*, 467-505.

Conrad, F.G. & Rips, L. J. (1986). Conceptual combination and the given/new distinction. *Journal of Memory and Language, 25*, 255-278.

Rips, L.J. & Conrad, F.G. (1983). Individual differences in deduction. *Cognition and Brain Theory, 6,* 259-285.

Manuscripts Under Review

Lind, L.H., Schober, M.F., Conrad, F.G., & Reichert, H. (under review). Why do survey respondents disclose more when computers ask the questions?

Conference Proceedings

Benkí, J., Broome, J., Conrad, F., Groves, R., & Kreuter, F. (2011). Effects of Speech Rate, Pitch, and Pausing on Survey Participation Decisions. Proceedings of the American Statistical Association, Section on Survey Research Methods. Alexandria, VA: American Statistical Association.

Conrad, F., Broome, J., Benki, J., Groves, R., Kreuter, F., & Vannette, D. (2010). To Agree or Not to Agree: Impact of interviewer speech on survey participation decisions. Proceedings of the American Statistical Association, Section on Survey Research Methods. Alexandria, VA: American Statistical Association.

Levenstein, R.M.,. Conrad, F.G., Blair, J., Tourangeau, R. & Maitland, A. (2007). The Effect Of Probe Type On Cognitive Interview Results: A Signal Detection Analysis. *Proceedings of the American Statistical Association, Section on Survey Research Methods.* Alexandria, VA: American Statistical Association.

Blair, J., Conrad, F., Ackerman, A.C. & Claxton, G. (May, 2006). The Effect of Sample Size on Cognitive Interview Findings. *Proceedings of the American Statistical Association, Section on Survey Research Methods.* Alexandria, VA: American Statistical Association.

Conrad, F.G., Couper, M.P. Tourangeau, R. & Galesic, M. (2005). Interactive feedback can improve the quality of responses in web surveys. *Proceedings of the American Statistical Association, Section on Survey Research Methods.* Alexandria, VA: American Statistical Association.

Conrad, F.G., Peytcheva, E., Traugott, M., Hanmer, M.J., Bederson, B.B., Herrnson, P.S., & Niemi, R.G. (2005). *An evaluation of six electronic voting machines*. Proceedings of the Usability Professionals' Association Conference, Montreal, QB.

Conrad, F. G., Couper, M. P., Tourangeau, R. & Peytchev, A. (2005). Effectiveness of progress indicators in web surveys: First impressions matter. Proceedings of *SIGCHI 2005: Human Factors in Computing System*s Portland, OR.

Ehlen, P., Schober, M.F., & Conrad, F.G. (July, 2005). Modeling speech disfluency to predict conceptual misalignment in speech survey interfaces. *Proceedings of the Symposium on Dialogue Modeling and Generation, 15th Annual meeting of the Society for Text & Discourse*, Vrije Universiteit, Amsterdam, 2005

Herrnson, P. S., Conrad, F. G., Niemi, R.G., Traugott, M. & Bederson, B. (2005). A Project to Assess Voting Technology and Ballot Design. *Proceedings of the National Conference on Digital Government Research*. Atlanta, GA.

Suessbrick, A. Schober, M. F. & Conrad, F. G. (2005). When do respondent misconceptions lead to survey response error? *Proceedings of the American Statistical Association, Section on Survey Research Methods*. Alexandria, VA: American Statistical Association.

Conrad, F., Schober, M. & Dijkstra, W. (2004). Non-verbal cues of respondents' need for clarification in survey interviews. *Proceedings of the American Statistical Association, Section on Survey Research Methods*. Alexandria, VA: American Statistical Association.

Conrad, F. G., Couper, M. P., Tourangeau, R. & Peytchev, A. (2003). Effectiveness of progress indicators in web surveys: It's what's up front that counts. *Proceedings of the Fifth International ASC conference.* Chesham, UK: Association for Survey Computing, pp. 333-342.

Couper, M.P., Tourangeau, R., Conrad, F.G. (2003). The effect of images on web survey responses. *Proceedings of the Fifth International ASC conference*. Chesham, UK: Association for Survey Computing, pp. 343-350.

Garas, N., Blair, J. & Conrad, F. (2003). Inside the black box: Analysis of interviewer-respondent interactions in cognitive interviews. *Proceedings of the Federal Committee on Statistical Methodology Research Conference*.

Schober, M., Conrad, F., Ehlen, P. & Fricker, S. (2003). How web surveys differ from other kinds of user interfaces. *Proceedings of the American Statistical Association, Section on Survey Research Methods*. Alexandria, VA: American Statistical Association.

Schober, M.F., Conrad, F.G., Ehlen, P., Lind, L H., Coiner, T. (2003). Initiative and clarification in web-based surveys. *Proceedings of American Association for Artificial Intelligence Spring Symposium: Natural Language Generation in Spoken and Written Dialogue*. Menlo Park, CA: American Association for Artificial Intelligence, pp. 125-132.

Coiner, T.F., Schober, M.F., Conrad, F.G. & Ehlen, P. (2002). Improving comprehension of web survey questions by modeling users' age. *Proceedings of the American Statistical Association, Section on Survey Research Methods* . Alexandria, VA: American Statistical Association.

Bosley, J. J & Conrad, F. G. (2001). Usability testing of data access tools. *Proceedings of Human-Computer Interaction International Conference 2001*.

Conrad, F.G. & Blair, J. (2001). Interpreting verbal reports in cognitive interviews: Probes matter. . *Proceedings of the American Statistical Association, Section on Survey Research Methods* . Alexandria, VA: American Statistical Association.

Conrad, F.G. & Couper, M. P. (2001). Classifying open ended reports: Coding occupation in the current occupation survey. *Proceedings of the Federal Committee on Statistical Methodology Research Conference* Friday, All Sessions, pp 21-30

Conrad, F.G. & Schober, M.F. (2001). Clarifying survey questions when respondents don't know they need clarification. *Proceedings of the Federal Committee on Statistical Methodology Research Conference*, Thursday B Sessions , pp. 100-106.

Lind, L., Schober, M. F. & Conrad, F.G. (2001). Clarifying question meaning in a web-based survey. *Proceedings of the American Statistical Association, Section on Survey Research Methods* . Alexandria, VA: American Statistical Association.

Rips, L.J., Conrad, F.G. & Fricker, S. (2001). Unraveling the seam effect. *Proceedings of the American Statistical Association, Section on Survey Research Methods* . Alexandria, VA: American Statistical Association.

Bosley J.J. & Conrad, F.G. (2000). Usability testing of data access tools. *Proceedings of the Second International Conference on Establishment Surveys*. Alexandria, VA: American Statistical Association, pp. 971-980.

Conrad, F.G. (2000). Discussion of papers. In Sirken, M.G. (Ed.), Survey Research at the Intersection of Statistics and Cognitive Psychology. National Center for Health Statistics, Working Paper Series, No. 28, pp. 41-45.

Dippo, C.S., Conrad, F.G. & Gillman, D.W. (2000). Metadata and data quality. United Nations/Economic Council of Europe Statistical Metadata Work Session, Working Paper #5, Washington, DC.

Suessbrick, A., Schober, M.F. & Conrad, F.G. (2000). Different respondents interpret ordinary questions quite differently. *Proceedings of the American Statistical Association, Section on Survey Research Methods* . Alexandria, VA: American Statistical Association, pp. 907-912.

Schober, M. F. & Conrad, F.G. (2001). Adaptive interfaces for collecting survey data from users. *Proceedings of the National Conference on Digital Government Research*, pp. 92-99. Los Angeles and New York: Digital Government Research Center.

Schober, M.F., Conrad, F.G. & Bloom, J.E. (2000). Clarifying word meaning in computer-administered survey interviews. *Proceedings of the Twenty-second Annual Conference of the Cognitive Science Society*. Mahwah, NJ: Lawrence Erlbaum Associates, Publishers, pp. 447-452.

Conrad, F.G., Brown, N.B. & Dashen, M. (1999). Estimating the frequency of events from unnatural categories. *Proceedings of the American Statistical Association, Section on Survey Research Methods* . Alexandria, VA: American Statistical Association.

Conrad, F., Blair, J. & Tracy, E. (1999). Verbal reports are data! A theoretical approach to cognitive interviews. *Proceedings of the Federal Committee on Statistical Methodology Research Conference, Tuesday B Sessions*. Arlington, VA, pp. 11-20.

Conrad, F.G. & Schober, M.F. (1999). Conversational interviewing and data quality. *Proceedings of the Federal Committee on Statistical Methodology Research Conference, Tuesday B Sessions*. Arlington, VA, pp. 21-30.

Conrad, F.G. & Schober, M.F. (1999). A conversational approach to text-based computer-administered questionnaires. *Proceedings of the Third International ASC conference*. Chesham, UK: Association for Survey Computing, pp. 91-101.

Levi, M.D. and Conrad, F.G. (1999). Interacting with statistics: Report from a workshop at CHI 99. *SIGCHI Bulletin, 31*, 31-35.

Schober, M.F., Conrad, F.G. & Bloom, J.E. (1999). Enhancing collaboration in computer-administered surveys. *Proceedings of American Association for Artificial Intelligence Fall Symposium: Psychological Models of Communication in Collaborative Systems*. Menlo Park, CA: American Association for Artificial Intelligence, pp. 108-115.

Schober, M.F., Conrad, F.G. & Fricker, S.S. (1999). When and how should survey interviewers clarify question meaning? *Proceedings of the American Statistical Association, Section on Survey Research Methods* . Alexandria, VA: American Statistical Association (in press)

Conrad, F.G. & Schober, M.F. (1998). A conversational approach to computer-administered questionnaires. *Proceedings of the American Statistical Association, Section on Survey Research Methods* . Alexandria, VA: American Statistical Association, pp. 962-967.

Schober, M.F. & Conrad, F.G. (1998). Response accuracy when interviewers stray from standardization. *Proceedings of the American Statistical Association, Section on Survey Research Methods* . Alexandria, VA: American Statistical Association, pp. 940-945.

Frederickson-Mele, K., Levi, M., & Conrad, F. (1997). Evaluating web site structure: A set of techniques. *Proceedings of the Usability Professionals' Association Conference*, Monterey, CA, pp. 415-435.

Levi, M.D. and Conrad, F.G. (1997). Usability testing of World Wide Web sites: A workshop at CHI 97. *SIGCHI Bulletin, 29*, 40-43.

Schober, M.F. & Conrad, F.G. (1997). Does conversational interviewing improve survey data quality beyond the laboratory? *Proceedings of the American Statistical Association, Section on Survey Research Methods* . Alexandria, VA: American Statistical Association, pp. 910-915.

Conrad, F. & Blair, J. (1996). From impressions to data: Increasing the objectivity of cognitive interviews. *Proceedings of the Section on Survey Research Methods, Annual Meetings of the American Statistical Association*. Alexandria, VA: American Statistical Association, pp. 1-10.

Conrad, F.G. & Schober, M.F. (1996). How interviewers' conversational flexibility affects the accuracy of survey data. *Proceedings of the Annual Meetings of the American Statistical Association, Section on Survey Research Methods.* Alexandria, VA: American Statistical Association, pp. 883-888.

Levi, M. & Conrad, F.G. (1996). A heuristic evaluation of a World Wide Web prototype. *Proceedings of Annual Research Conference, U.S. Census Bureau*. Washington, DC: Department of Commerce, pp. 681-695.

Conrad, F.G. & Brown, N.R. (1994). Strategies for estimating category frequency: Effects of abstractness and distinctiveness. *Proceedings of the Annual Meetings of the American Statistical Association, Section on Survey Research Methods*. Alexandria, VA: American Statistical Association, pp. 1345-1350.

Conrad, F., Kamalich, R., Longacre, J. & Barry, D. (1993). COMPASS: An expert system for reviewing commodity substitutions in the Consumer Price Index. *Proceedings of the Ninth IEEE conference on Artificial Intelligence for applications*. Los Alamedos, CA: IEEE Computer Society Press, pp. 299-305.

Conrad, F.G., Brown, N.R. & Cashman, E.R. (1993). How the memorability of events affects frequency judgments. *Proceedings of the Annual Meetings of the American Statistical Association, Section on Survey Research Methods*. Alexandria, VA: American Statistical Association, pp. 1058-1063.

Conrad, F. & Tonn, B.(1993). Intuitive classification of occupation. *Proceedings of International Conference on Occupational Classification*, Washington, DC: Bureau of Labor Statistics, pp. 169-178.

Sander, J.E., Conrad, F.G., Mullin, P.A., & Herrmann, D.J. (1992). Cognitive modeling of the survey interview. *Proceedings of the Annual Meetings of the American Statistical Association, Section on Survey Research Methods*. Alexandria, VA: American Statistical Association, pp. 818-823.

Conrad, F.G. & Anderson, J.R. (1988). The process of learning LISP. *Proceedings of the Tenth Annual Conference of the Cognitive Science Society*. Hillsdale, NJ: Lawrence Erlbaum Associates, Publishers, pp. 454-460.

Conrad, F.G. & Rips, L.J. (1981). Perceptual focus, text focus and semantic composition. In M.A. Miller, C.S. Masek, & R.A. Henrik (Eds.), *Papers from the Parasession on Language and Behavior, Annual Conference of the Chicago Linguistic Society*. Chicago: Chicago Linguistics Society, pp. 36-49.

Invited Presentations

Conrad, F.G. (October, 2012). Social and cognitive factors in new approaches to survey measurement. Cognitive Science Distinguished Alumni Lecture, Hampshire College. Amherst, MA.

Conrad, F.G. (October, 2012). Thinking about survey interviews of the future. Conference of the Council of American Survey Research Organizations. Scottsdale, AZ.

Conrad, F.G. (January, 2012). Interactive intervention to reduce satisficing in web surveys. Westat, Rockville, MD.

Conrad, F.G. (November, 2011). Interactive intervention to reduce satisficing in web surveys. Abt Associates, Bethesda, MD.

Conrad, F.G. (September, 2011). Interactive intervention to reduce satisficing in web surveys. Third international workshop on internet survey methodology, Statistics Korea, Daijeon.

Conrad, F.G. (August, 2011). Race of virtual interviewer effects. Paper presented at the MESS Workshop. Oistervijk, Netherlands.

Conrad, F.G. (January, 2011). A conversation about conversational interviewing. "Town Meeting" presentation, Center for AIDS Prevention Studies, University of California San Francisco, San Francisco, CA.

Conrad, F.G. (December, 2010). Response to "Interview Structure" Issue Paper. Consumer Expenditure Survey Methods Workshop. US Census Bureau, Suitland, MD.

Conrad, F. (September, 2010). Improving measurement in web surveys. Second International Workshop on Internet Surveys, Statistics Korea, Daejeon, Korea.

Conrad, F.G. (July 2010). What to consider when considering a new technology (for survey data collection). Workshop on methodological innovation. St. Catherine's College, Oxford University.

Conrad, F.G. (July 2010). Virtual interviewers. 4th Research Methods Festival. St. Catherine's College, Oxford University.

Conrad, F.G. (March, 2010). Interactivity in web surveys. Research Triangle Institute. Research Triangle Park, NC.

Conrad, F.G. (February, 2010). Some thoughts about the future of web surveys. Survey Research Institute, Cornell University. Ithaca, NY

Conrad, F.G. (November, 2009). Thoughts about the future of survey measurement. Midwest Association of Public Opinion Research Pedagogy Hour talk. Chicago, IL.

Conrad, F.G. (November, 2009). Interactivity in web surveys. Institute for Social and Economic Research, University of Essex. Survey Research Institute, Colchester, UK.

Conrad, F.G. (October, 2009). Reaction to Kristin Miller's *Cognitive Interviewing*. Questionnaire Evaluation Methods Workshop. Hyattsville, MD.

Conrad, F.G. (September, 2009). Interactivity and web surveys. Internet Survey Methodology Workshop. Bergamo, IT.

Conrad, F.G. (June, 2009). Thoughts about the future of survey measurement. 60th Anniversary Celebration, Institute for Social Research. University of Michigan. Ann Arbor, MI.

Conrad, F.G. (March, 2009) Envisioning the Survey Interview of the Future. Keynote presentation at FedCASIC 2009. Washington, DC.

Conrad, F.G. and Couper, M. P. (December, 2008). Classifying open-ended reports: Coding occupation in the Current Population Survey. Conference on Optimal Coding of Open-Ended Survey Data, University of Michigan, Ann Arbor, MI.

Conrad, F.G. and Traugott, M. (October, 2008) Usability of Electronic Voting and Public Opinion Toward the New Technology. Washington Statistical Society.

Conrad, F.G. (May, 2008). Envisioning the Survey Interview of the Future. Technical Keynote presentation at International Field Directors and Technologies Conference, New Orleans, LA.

Conrad, F.G. (May, 2008). Thoughts about the Future of CASM. Talk presented at "25 Years of Cognitive Research and Counting," Committee on National Statistics, National Academy of Science, Washington, DC.

Conrad, F.G. (March, 2008). Electronic Voting: No more Hanging Chads but New Usability Challenges. Election Verification Network conference, New Orleans, LA.

Conrad, F. G. (October, 2006). Interactive aspects of web surveys. Keynote address, Midwestern Educational Research Association., Columbus, OH.

Conrad, F. G. (September, 2006). Use and non-use of clarification features in web surveys. 2006 Survey Research Methodology Conference. Center for Survey Research, Academia Sinica, Taipei, Taiwan.

Conrad, F.G., Lewis, B., Peytcheva, E., Traugott, M., Hanmer, M., Herrnson, P., Niemi, R., Bederson, B. (June, 2006). Usability of electronic voting systems: Results from a laboratory study. Workshop on Usability and Security of Electronic Voting, Human-Computer Interaction Laboratory, University of Maryland. Also presented at companion workshops in Ann Arbor, MI (April, 2007) and Salt Lake City, UT (May, 2007).

Conrad, F.G. (February, 2006). Cues of comprehension difficulty in telephone and web surveys. Westat, Inc., Rockville, MD.

Conrad, F.G. (December, 2005). Voter intent, voting technology and measurement error. Department of Methodology and Techniques, Vrije Universiteit Amsterdam.

Conrad, F. G. (December, 2005). Beyond questionnaire design: Resolving misconceptions during survey data collection. Department of Methodology and Techniques, Vrije Universiteit Amsterdam.

Conrad, F. G. (April, 2005). Beyond questionnaire design: Resolving misconceptions during survey data collection. Primary Research Staff seminar, Survey Research Center, University of Michigan.

Conrad, F.G. (January, 2005). Methodological considerations in the measurement of time use. Workshop on the Collection of Time Use Data, Institute for Social Research, University of Michigan.

Conrad, F. G. (October, 2002). Interactive aspects of web surveys: Lack of use, ease of use and user modeling. Invited paper presented at Web Survey workshop, ZUMA, Mannheim, Germany.

Conrad, F.G. (December, 2001). Generic and individual misconceptions of survey questions. Institute for Social Research, University of Michigan

Conrad, F.G. (November, 2001). Misunderstanding standardized language. Psychology Department, University of Alberta.

Conrad, F.G. (June, 2001). Conceptual fit and survey data quality. Institute for Social Research, University of Michigan

Conrad, F. G. (May, 2001). Response effects in questions about fixed attributes and memorable events. Paper presented at Seymour Sudman Symposium, Monticello, IL.

Conrad, F.G. and Blair, J. (March, 2001). Problem detection in cognitive interviews. Westat, Inc., Rockville, MD.

Conrad, F.G. and Couper, M. (December, 2000). Classifying open-ended reports: Coding occupation in the Current Population Survey. Washington Statistical Society, Washington, DC.

Conrad, F.G. and Schober, M. F. (July, 2000). A collaborative view of standardized survey interviews. Department of Research Methodology, Free University of Amsterdam.

Conrad, F.G. (April, 1998). Costs and benefits of standardized versus conversational survey interviewing. Psychology Department, George Mason University

Conrad, F.G. (March, 1998). Costs and benefits of standardized versus conversational survey interviewing. Joint Program for Survey Methodology, University of Maryland

Conrad, F.G. and Schober, M.F. (February, 1997). Reducing survey measurement error through conversational interaction. Washington, DC/Baltimore Chapter of the American Association for Public Opinion Research at Westat, Inc., Rockville, MD.

Conrad, F.G. and Schober, M.F. (December, 1996). Reducing survey measurement error through conversational interaction. U.S. Census Bureau, Washington, DC.

Conrad, F.G. (February, 1996). Knowledge-based classification of survey data: Using expert systems in data collection and review. Washington Statistical Society, Washington, DC.

Levi, M. D. and Conrad, F.G. (June, 1995). A heuristic evaluation of a world-wide web prototype. U.S. Census Bureau, Washington, DC.

Levi, M. D. and Conrad, F.G. (April, 1995). A heuristic evaluation of a world-wide web prototype. Software Psychology Society, Washington, DC.

Conrad, F.G. (November,1994). Procedural Aspects of CASIC. Washington Statistical Society, Washington, DC.

Conrad, F.G. (February, 1991). How the form of our knowledge affects the form of our reports. National Center for Health Statistics, Hyattsville, MD.

Conrad, F.G. (February, 1989). Learning to program in LISP with an intelligent tutoring system. Southwest Research Institute, San Antonio, TX.

Conrad, F.G. (February, 1989). Learning to program in LISP with an intelligent tutoring system. Boeing Research and Technology Center, Ridley Park, PA.

Conrad, F.G. (January, 1989). Learning to program in LISP with an intelligent tutoring system. Mitre Corporation, Bedford, MA.

Conrad, F.G. (February, 1986). Conceptual combination and the Given/New distinction. Carnegie Group Incorporated, Pittsburgh, PA.

Conrad, F.G. (January, 1986). Conceptual combination and the Given/New distinction. Department of Psychology, Carnegie-Melon University, Pittsburgh, PA.

Conference and Workshop Presentations Not in Proceedings

Conrad, F.G., Tourangeau, R., Couper, M. P. & Zhang, C. (August, 2012). Professional web respondents and data quality. Sixth Measurement and Experimentation in the Social Sciences Workshop. Amsterdam, NE.

Hubbard, F., Antoun, F. & Conrad, F. (May, 2012). Conversational interviewing, the comprehension of opinion questions and nonverbal sensitivity. Paper presented at the Annual Conference of the American Association for Public Opinion Research, Orlando, FL.

Schober, M.F., Conrad, F.G., Antoun, C., Carroll, D., Ehlen, P., Fail, S , Hupp, A.L., Johnston, M., Kellner, C., Nichols, K.F., Percifield, L., Vickers, L., Yan, H., & Zhang, C. (May, 2012). Disclosure and quality of answers in text and voice interviews on iPhones. Paper presented at the Annual Conference of the American Association for Public Opinion Research, Orlando, FL.

Conrad, F.G. (August, 2011). Interactive carrots and sticks to increase response accuracy. Paper presented at Internet Survey Methodology Workshop, Central Bureau of Statistics, the Hague, Netherlands.

Coiner, T.F., Schober, M.F., and Conrad, F.G. (May, 2011). Which web survey respondents are most likely to click for clarification? Paper presented at the Annual Conference of the American Association for Public Opinion Research, Phoenix, AZ.

Conrad, F.G., Schober, M.F., & Nielsen, D. (May, 2011). Race of Virtual Interviewer Effects. Paper presented at the Annual Conference of the American Association for Public Opinion Research, Phoenix, AZ.

Conrad, F., Tourangeau. R., Couper, M. & Zhang, C. (May, 2011) . Interactive interventions in Web surveys can increase response accuracy. Paper presented at the Annual Conference of the American Association for Public Opinion Research, Phoenix, AZ.

Tourangeau, R., Conrad, F., & Couper, M. (May, 2011). Up means good: The impact of screen position on evaluative ratings in web surveys. Paper presented at the Annual Conference of the American Association for Public Opinion Research, Phoenix, AZ.

Conrad, F.G. (December, 2010). Response to "Interview Structure" Issue Paper. Consumer Expenditure Survey Methods Workshop. US Census Bureau, Suitland, MD.

Conrad, F., Schober, M. & Nielsen, D. (August, 2010). Effects of race and gender of virtual interviewers on survey responses. Conference of the Society for Text and Discourse, Chicago, IL.

Conrad, F., Rips, L. & Fricker, S. (August, 2010). Seam effects for quantitative information in panel surveys. Paper presented at . Paper presented at the Annual Conference of the American Statistical Association, Vancouver, British Columbia, Canada.

Conrad, F., Zhang, C., Tourangeau, R. & Couper, M. (May, 2010). Professional Web respondents and data quality. Presentation at American Association for Public Opinion Research, Chicago, IL.

Freedman, VA., F. Stafford, F. Conrad & N. Schwarz. (July, 2010). Assessing time diary quality: evidence from Disability and Use of Time (DUST), a supplement to the Panel Study of Income Dynamics (PSID). Paper presented at the International Association of Time Use Researchers, Paris, France.

Conrad, F., Couper, M., Tourangeau, R., Galesik, M. & Yan, T. (July, 2009). Interactive Feedback Can Improve the Quality of Responses in Web Surveys. Conference of the European Survey Research Association. Warsaw, Poland.

Conrad, F.G., Tourangeau, R., Couper, M. & Kennedy, C. (May, 2009). Interactive interventions in web surveys increase respondent conscientiousness. Presentation at American Association for Public Opinion Research, Hollywood, FL.

Couper, M.P., Singer E., Conrad, F. G., Groves, R. M. (May, 2009). Disclosure risk, disclosure harm, topic and participation in a mail survey. Presentation at American Association for Public Opinion Research, Hollywood, FL.

Freedman, V.A., Stafford, F., Schwarz, N., and Conrad, F. (June, 2009). Measuring disability, time use and well-being of older couples: Lessons from the PSID. Presentation at the American Time Use Research Conference, College Park, MD

Rosen, R., Schober, M., Conrad, F. (May, 2009). Mode effects in questions about stigmatized behaviors and personal distress. Presentation at American Association for Public Opinion Research, Hollywood, FL.

Tourangeau, R., Conrad, F., Couper, M., Redline, C., Ye. C. (May, 2009). The effects of providing examples: Questions about frequencies and ethnicity background. Presentation at American Association for Public Opinion Research, Hollywood, FL.

Conrad, F.G., Tourangeau, R., Couper, M. & Kennedy, C. (September, 2008). Interactive interventions in web surveys can improve data quality. Presentation at RC33 International Conference on Social Science Methodology. Naples, Italy.

Conrad, F.G., Schober, M.F., Jans, M., Orlowski, R., Nielsen, D. & Levenstein, R. (May, 2008). Virtual interviews on mundane, non-sensitive topics: Dialog capability affects response accuracy more than visual realism does. Paper presented at annual conference of the American Association for Public Opinion Research, New Orleans, LA.

Conrad, F.G., Schober, M.F., Jans, M., Orlowski, R., Nielsen, D. & Levenstein, R. (March, 2008). Coding interviews conducted by virtual agents. Presentation at Coding Behavioral Video Data and Reasoning Data in Human-Robot Interaction Workshop, Human-Robot Interaction 2008 Conference. Amsterdam, Netherlands.

Couper, M.P., Singer, E., Conrad, F.G., Groves, R.M. (May, 2008). An experimental study of disclosure risk, disclosure harm, incentives, and survey participation. Paper presented at annual conference of the American Association for Public Opinion Research, New Orleans, LA.

Kennedy, C., Tourangeau, R., Conrad, F., Couper, M., Redline, C. (May, 2008). The impact of the spacing of the scale options in a web survey. Paper presented at annual conference of the American Association for Public Opinion Research, New Orleans, LA.

Lind, L.H., Schober, M.F., Conrad, F.G. (May, 2008) Social cues can affect answers to threatening questions in virtual interviews. Paper presented at annual

conference of the American Association for Public Opinion Research, New Orleans, LA.

Traugott, M., Conrad, F. & Rice, T. (May, 2008). Public opinion about electronic voting: Voters' knowledge and their beliefs about the new voting technology. Paper presented at the annual conference of the American Association for Public Opinion Research, New Orleans, LA.

Conrad, F.G. & Schober, M.F. (September, 2007). Considerations in adopting new technologies for survey interviews. Presentation at the "Envisioning the survey interview of the future" workshop. Southampton. UK

Schober, M.F. & Conrad, F.G. (September, 2007) Dialogue capability and perceptual realism in survey interviewing agents. Paper presented at the conference of the Association for Survey Computing, Southampton, UK.

Conrad, F.G. (August, 2007). Improving the ARMS : Dealing with Complexity in Surveys – Questionnaire Design and Data Collection. Paper presented at the Annual Conference of the American Statistical Association, Salt Lake City, UT.

Conrad, F.G., Schober, M. F., Dijkstra, W. & Ongena, Y. (July, 2007). Visual and verbal cues of survey respondents' need for clarification. Paper presented at seventh conference of the Society for Applied Research in Memory and Cognition, Lewiston, ME.

Conrad, F.G. & Schober, M. F. (July, 2007). Dialogue capability and perceptual realism in survey interviewing agents. Paper presented at the annual conference of the Society for Text and Discourse, Glasgow, Scotland.

Peytchev, A., Conrad, F.G., Couper, M. P. & Tourangeau, R. (May, 2007). Minimizing respondent effort increases use of definitions in web surveys. Paper presented at the annual conference of the American Association for Public Opinion Research, Anaheim, CA.

Yan, T., Conrad, F.G., Couper, M.P. & Tourangeau, R. (May, 2007). Should I stay or should I go: The effects of progress indicators, promised duration, and questionnaire length on completing web surveys. Paper presented at the annual conference of the American Association for Public Opinion Research, Anaheim, CA.

Schober, M.F. & Conrad, F.G. (May, 2007). Dialogue capability and perceptual realism in survey interviewing agents. Paper presented at the annual conference of the American Association for Public Opinion Research, Anaheim, CA.

Conrad, F.G., Hanmer, M.J. & Traugott, M. W. (November, 2006). Voter confidence in the new generation of election technology. Paper presented at Midwest Association for Public Opinion Research, Chicago, IL.

Conrad, F., Park, H., Singer, E., Couper, M., Hubbard, F. & Groves, R. (May, 2006). Impact of disclosure risk on survey participation decisions. Paper presented at annual conference of the American Association for Public Opinion Research, Montreal, QB

Ehlen, P. Schober, M.F. & Conrad, F.G. (May, 2006). Modeling response times for old and young respondents to improve their understanding of survey questions. Paper presented at annual conference of the American Association for Public Opinion Research, Montreal, QB

Schober, M., Conrad, F. & Dijkstra, W. (May, 2006). Visual and verbal cues of survey respondents' need for clarification. Paper presented at annual conference of the American Association for Public Opinion Research, Montreal, QB

Suessbrick, A., Schober, M.F. & Conrad, F.G. (May, 2006). Think-aloud evidence of conceptual misalignment in telephone interviews. Paper presented at annual conference of the American Association for Public Opinion Research, Montreal, QB

Conrad, F.G., Lewis, B., Peytcheva, E., Traugott, M., Hanmer, M., Herrnson, P., Niemi, R., & Bederson, B. (April, 2006). The usability of electronic voting systems: Results from a laboratory study. Paper presented at Midwest Political Science Association, Chicago, IL.

Conrad, F. G., Schober, M.F. & Dijkstra, W. (January, 2006). Cues of comprehension difficulty in telephone interviews. Second Conference on Telephone Survey Methodology. Miami, FL.

Niemi, R.G., Herrnson, P.S., Hanmer, M. J., Conrad, F., Traugott, M. & Bederson, B. B. (April, 2006). Voters' abilities to cast a write-in vote using electronic voting systems. Paper presented at Midwest Political Science Association, Chicago, IL.

Conrad, F. G. & Schober, M.F. (November, 2005). Envisioning the survey interview of the future. Presentation at workshop, Envisioning the survey interview of the future. University of Michigan, Ann Arbor, MI.

Conrad, F.G., Peytcheva, E., Traugott, M.W., Hanmer, M.J., Herrnson, P. S., Bederson, B. B., Niemi, R. G. (May, 2005). Voter Intent, Voting Technology and Measurement Error. Paper presented at the annual conference of American Association for Public Opinion Research, Miami, FL.

Herrnson, P. S., Niemi, R.G., Hanmer, M. J., Francia, P. L., Bederson, B. B., Conrad, F. G. & Traugott, M.W. (April, 2005). Assessments of Electronic Voting Systems: Field Tests with a Usability Focus. Paper presented at the annual conference of the Midwest Political Science Association, Chicago, IL.

Tonn, B., Conrad, F. & Hemrick, A. (August, 2005). Cognitive representations of the future. Paper to be presented at World Futures Studies Federation XIXth World Conference, Budapest, Hungary.

Traugott, M. W., Hanmer, M. J., Park, W., Herrnson, P. S., Niemi, R. G., Bederson, B. B., Conrad, F. G. (April, 2005). The Impact of Voting Systems on Residual Votes, Incomplete Ballots, and Other Measures of Voting Behavior. Paper presented at the annual conference of the Midwest Political Science Association, Chicago, IL.

Conrad, F., Schober, M. & Dijkstra, W. (November, 2004). Implicit cues of misunderstanding in spoken conversation. *Annual Meeting of the Psychonomic Society.* Minneapolis, MN.

Conrad, F. (September, 2004). Testimony on panel for Usability Testing Voting Systems, at Hearings held by Technical Guidelines Development Committee of the Elections Assistance Committee. Gaithersberg, MD.

Conrad, F., Couper, M., Tourangeau, R., Peytchev, A. (August, 2004). Effectiveness of Progress Indicators in Web Surveys. Paper presented at RC33 Sixth International Conference on Social Science Methodology, Amsterdam. NE.

Conrad, F. (September, 2003). Invited participant in National Science Foundation sponsored workshop on e-rulemaking, Arlington, VA.

Conrad, F., Couper, M. & Tourangeau, R. (October, 2003). Interactive and visual aspects of web surveys. Paper presented at the Interuniversity Consortium for Political and Social Research Meeting of Official Representatives. Ann Arbor, MI.

Conrad, F., Couper, M. & Tourangeau, R. (August, 2003). Interactive features in web surveys. Paper presented at the Annual Conference of the American Statistical Association. San Francisco.

Conrad, F., Couper, M., Tourangeau, R. & Baker, R. (2003). Use and non-use of clarification features in web surveys. Paper presented at 58th Annual Conference of the American Association for Public Opinion Research, Nashville, TN.

Conrad, F. & Blair, J. (2003). Aspects of data quality in cognitive interviews: The case of verbal reports. Round table presentation at 58th Annual Conference of the American Association for Public Opinion Research, Nashville, TN.

Couper, M. P, Tourangeau, R. & Conrad, F. (2003). Visual aspects of web survey design. Paper presented at the Annual Conference of the American Statistical Association. San Francisco.

Couper, M. P, Tourangeau, R., Conrad, F. & Crawford, S. (2003). What they see is what we get: Response options for web surveys. Paper presented at 58th Annual Conference of the American Association for Public Opinion Research, Nashville, TN.

Bosley, J. & Conrad, F. (2002). Usability issues with heterogeneous populations. Annual conference of American Society for Information Science and Technology (SIG-USE), Philadelphia, PA.

Conrad, F.G. & Blair, J. (2002). Aspects of data quality in cognitive interviews: The case of verbal reports. Invited paper presented at Questionnaire Design Evaluation and Testing conference, Charleston, S.C.

Coiner, T.F., Schober, M.F., Conrad, F.G. & Ehlen, P. (2002). Improving comprehension of web survey questions by modeling users' age. Paper presented at the annual conference of the Society for Text and Discourse, Chicago, IL.

Lind, L.H., Conrad, F.G., & Schober, M.F. (2002). Sensitizing respondents to conceptual misalignment in a web-based survey. Paper presented at the 13th Annual Winter Conference on Discourse, Text & Cognition, Jackson Hole, WY.

Conrad, F.G. & Couper, M.P. (2001, November). Classifying Open Ended Reports: Coding Occupation in the Current Population Survey. Paper presented at the Federal Conference on Statistical Methodology. Arlington, VA

Conrad, F.G. & Schober, M.F. (2001, November). Clarifying survey questions when respondents don't know they need clarification. Paper presented at the Federal Conference on Statistical Methodology. Arlington, VA

Conrad, F.G & Schober, M. F. (2001). Adaptive interfaces for collecting survey data from users. Paper presented at National conference for Digital Government Research (NSF sponsored). Redondo Beach, CA.

Conrad, F.G. & Schober, M. F. (2001). Improving respondents' understanding of survey questions in web-based questionnaires. Poster presented at the Workshop on Statistics-related Digital Government Research (NSF sponsored, by invitation). US Bureau of Labor Statistics, Washington, DC.

Schober, M.F., Suessbrick, A., & Conrad, F.G. (2001). How aware are conversational partners of their conceptual differences? Twelfth Annual Winter Conference on Discourse, Text & Cognition, Jackson Hole, WY.

Conrad, F.G. and Schober, M.F. (2000). Conversational interviewing and data quality. Paper presented at Fifth International Conference on Social Science Methodology, Cologne, Germany.

Conrad, F.G. and Schober, M.F. (2000). Standardized wording does not guarantee standardized interpretation. Poster presented at the Seventh International Pragmatics Conference, Budapest, Hungary.

Couper, M.P. and Conrad, F.G. (2000). Classifying open-ended reports: Coding occupation in the Current Population Survey. Paper presented at Fifth International Conference on Social Science Methodology, Cologne, Germany.

Marchionini, G., Brunk, B., Komlodi, A., Conrad, F. and Bosley, J. (2000). Look before you click: A relational browser for federal statistics web sites. Annual Meeting of the American Society for Information Science, Chicago, IL.

Schober, M.F. and Conrad, F.G. (2000). Metacognition about conceptual differences with conversational partners. Seventh International Pragmatics Conference, Budapest, Hungary.

Schober, M.F., & Conrad, F.G. (2000). User interfaces that promote accurate interpretation of survey questions. Paper presented at Fifth International Conference on Social Science Methodology, Cologne, Germany.

Schober, M.F., Conrad, F.G., & Fricker, S.S. (2000). Listeners often don't recognize when their conceptions differ from speakers'. Paper presented at the Forty-first Annual Meeting of the Psychonomics Society, New Orleans, LA.

Schober, M.F. and Conrad, F.G. (1999). When is conversational collaboration necessary for accurate comprehension? Fortieth Annual Meeting of the Psychonomic Society, Los Angeles, CA.

Conrad, F.G, Brown, N.R. and Dashen, M. (1999). Estimating the frequency of events from unnatural categories. Third Conference of the Society for Applied Research in Memory and Cognition, Boulder, CO.

Conrad, F.G.(1999). Invited participant in National Research Council sponsored workshop, Computer and Communications Research to Enable Better Use of Information Technology in Government, Washington, DC.

Schober, M.F. and Conrad, F.G. (1999). Standardized interviewing methods can actually harm survey response accuracy. Tenth Annual Winter Conference on Discourse, Text & Cognition, Jackson Hole, WY.

Schober, M.F., Conrad, F.G. and Bloom, J.E. (1999). A collaborative approach to computer-administered surveys. Ninth Annual Meeting of the Society for Text and Discourse, Vancouver, BC.

Schober, M.F. and Conrad, F.G. (1998). A collaborative view of standardized survey interviews. Sixth International Conference on Pragmatics, Reims, France.

Conrad, F.G., (1998). Invited participant in National Science Foundation Workshop on Information Retrieval Toolkits, Pittsburgh, PA.

Conrad, F.G. (1997). Modeling survey participants to reduce measurement error. Second Advanced Seminar on Cognitive Aspects of Survey Methodology (by invitation), Charlottesville, VA.

Conrad, F.G. and Schober, M.F. (1996). Scripted versus conversational interviewing: A cost-benefit analysis. Twenty-fourth Annual Conference of the Association for Consumer Research, Tucson, AZ.

Katz, I. and Conrad, F.G. (1997). Questionnaire designer: A software tool for specification of CASIC instruments. Fifty-Second Annual Conference of the American Association for Public Opinion Research, Norfolk, VA.

Katz, I., Stinson, L.L, and Conrad, F.G. (1997). Questionnaire designers versus instrument authors: Bottlenecks in the development of computer administered questionnaires. Fifty-Second Annual Conference of the American Association for Public Opinion Research, Norfolk, VA.

Couper, M.P. and Conrad, F.G. (1996). Collecting data to facilitate the classification of occupations using a skill-based approach. Fourth International Social Science Methodology Conference, Essex, UK.

Katz, I. and Conrad, F.G. (1996). Questionnaire designer: A software tool for specification of CASIC instruments. InterCASIC ’96: The International Conference on Computer-Assisted Survey Information Collection, San Antonio, TX.

Katz, I., Conrad, F.G. and Stinson, L.L. (1996). Questionnaire designers versus instrument authors: An investigation of the development of CASIC instruments at BLS and Census. InterCASIC ’96: The International Conference on Computer-Assisted Survey Information Collection, San Antonio, TX.

Schober, M.F. and Conrad, F.G. (1996). Scripted versus collaborative interaction: The case of response accuracy in survey interviews. Sixth Annual Conference of the Society for Text and Discourse, San Diego, CA.

Uglow, D.A., Conrad, F.G. and Bosley, J. (1996). Prospects and principles for pen CASIC. InterCASIC '96, San Antonio, TX.

Conrad, F.G. and Schober, M.F. (1995). On the costs of conversational inflexibility in survey interviews. Vrieje Universiteit of Amsterdam Workshop on Interviewer-Respondent Interaction in the Standardized Survey Interview, Amsterdam, Netherlands.

Conrad, F.G. (1995). Using expert systems to model and improve survey classification processes. International Conference on Survey Methods and Process Quality, Bristol, England.

Conrad, F.G. (1995). Using expert systems to model and improve survey classification processes. Field Directors and Field Technologies Conference, Fort Lauderdale, FL.

Mullin, P.A., Conrad, F.G., Sander, J.E. and Herrmann, D. (1994). Modeling the question answering processes of survey respondents. Annual Conference of the American Psychological Society, Washington, DC.

Conrad, F.G. and Brown, N.R. (1994). Estimating frequency: A multiple strategy perspective. Third Conference on Practical Aspects of Memory, College Park, MD.

Conrad, F.G. (1993). Procedural aspects of CASIC. Field Directors and Field Technologies Conference, Chicago, IL.

Conrad, F.G., Mullin, P., Sander, J. and Herrmann, D. (1992). A cognitive theory of the survey interview. 47th Annual Conference of the American Association for Public Opinion Research, St. Petersburg Beach, FL.

Conrad, F.G. and Cooper, T.A. (1990). Programming maintainable, complex, expert systems. DEC Sessions, American Association for Artificial Intelligence, Boston, MA.

Discussant

Commentary: Findings from the ESRC Survey Design and Measurement Initiative. Royal Statistical Society, London, England; September, 2010).

Distinguished Lecture by Nora Cate Schaeffer, "Conversational practices with a purpose: Interaction within the standardized survey interview." Joint Program in Survey Methodology, College Park, MD, April, 2006.

Papers in session on "Questionnaire Development in Survey Instruments," American Association for Public Opinion 2004, Phoenix, AZ (May).

Papers in session on "Questionnaire Design," American Association for Public Opinion Research 2003, Nashville, TN (May).

Paper by Mick Couper, Roger Tourangeau and Darby Steiger, "Social Presence in Web Surveys." FCSM Seminar On The Funding Opportunity In Survey Research, Washington, DC 2001.

Papers in session on "When participants have unequal knowledge," American Association for Artificial Intelligence Fall Symposium: Psychological Models of Communication in Collaborative Systems, North Falmouth, MA, 1999 (November).

Papers in session on "At the Intersection of Cognition and Survey Methodology," Joint Meetings of the American Statistical Association, Baltimore, MD, 1999 (August).

Paper by James Lepkowski, "Event History Analysis of Interviewer and Respondent Survey Behavior." Washington Statistical Society Methodology Seminar, Washington, DC, 1998

Papers in session on "Frequency Estimation" Annual Conference of the American Association for Public Opinion Research, Norfolk, VA, 1997 (May).

Organizer/Chair of Conference Sessions

Co-organizer and chair, "Survey Responses vs. Tweets New Choices for Social Measurement," panel at annual conference of American Association for Public Opinion Research. Orlando, FL, May 19, 2012.

Co-organizer and chair, "New Frontiers in Virtual Interviewing," panel at annual conference of American Association for Public Opinion Research, New Orleans, LA, May 18, 2008.

Co-organizer, co-presenter with Mick Couper, "Designing and Implementing On-Line Surveys" workshop at E-Social Science 2007 conference, Ann Arbor, MI, October 7, 2007.

Organizer and chair "Envisioning the Survey Interview of the Future," panel at the conference of the Association for Survey Computing, September 13, 2007, Southampton, UK.

Co-organizer with Michael Schober, Workshop "Envisioning the Survey Interview of the Future," September 12, 2007, Southampton University, Southampton, UK..

Co-organizer with Michael Schober and Chair, "Communication Technologies and the Survey Interview Process," panel at annual conference of American Association for Public Opinion Research, May 19, 2007, Anaheim, CA.

Co-organizer with Michael Schober, Roundtable at annual meeting American Association for Public Opinion Research, "Envisioning the Survey Interview of the Future," May 20, 2006, Montreal, QB.

Co-organizer with Michael Schober, Workshop "Envisioning the Survey Interview of the Future," November 4-6, 2005, University of Michigan, Ann Arbor, MI.

Chaired session "Sampling II," at annual AAPOR conference, Miami, FL.

Chaired session "Internet Surveys," at Questionnaire Design Testing and Evaluation conference, Charleston, SC, 2002.

Chaired Methodology Section Seminar, "Delivering Interactive Graphics on the Web." Washington Statistical Society, Washington, DC, 2000.

Co-organized with Michael D. Levi and moderated panel "Is the Web really different than everything else?" Human Factors in Computer Systems CHI 98, Los Angeles, CA, 1998.

Co-organized and co-facilitated workshop with Michael D. Levi: "Web site usability testing." Human Factors in Computer Systems CHI 97. Atlanta, GA, 1997.

Co-organized and co-facilitated workshop with Michael D. Levi: "Interacting with statistics: Designing interfaces to statistical databases." Human Factors in Computer Systems CHI 99. Pittsburgh, PA, 1999.

Co-organized and co-chaired session with Mick Couper, "Usability testing of survey interviewing software." Federal CASIC Workshop, Washington, DC, 1997.

Organized and chaired session, "Measuring consumption and consuming measurement: The challenges of studying consumers from a Federal perspective." Twenty-fourth Annual Conference of the Association for Consumer Research, Tucson, AZ, 1996.

Organized and chaired session, Memory for Time and Frequency. Third Conference on Practical Aspects of Memory, College Park, MD, 1994.

Teaching Experience

Program in Survey Methodology, University of Michigan; Joint Program in Survey Methodology, University of Maryland; and Summer Institute in Survey Research Techniques, University of Michigan

- Social and Cognitive Foundations of Survey Measurement/Cognition, Communication and Survey Measurement, taught or co-taught 14 times between 1998 and 2012
- Advanced Seminar in Cognition and Survey Research, co-taught, 2007
- Envisioning the survey interview of the future, taught five times between 2006 and 2012.
- Questionnaire Design, co-taught, 2003
- Data Collection Methods, taught/co-taught 15 times between 2003 and 2012.
- Introduction to Survey Research, team taught 2003 and 2004.
- Fundamentals in Survey Methodology, coordinated team-taught graduate course in some years and taught multiple sessions in all years (15 times between 2004 - 2012).
- Doctoral Seminar in Survey Methodology, taught 3 week module, 2002, 2003, co-taught full course 4 semesters from 2011-2012
- Survey Design Seminar, Program in Survey Methodology, University of Michigan, taught/co-taught, 2003-4, 2004-5, 2006 (in some years a two term sequence, in others one term)

London School of Economics Summer School, taught 3 day module on survey data collection, July 2011.

Center for Statistical Consulting, Advising and Research, University of Michigan.
Introduction to Survey Design: Data Collection, Questionnaire Design and Response Processes. One day short course, taught twice a year from 2010 - 2012)

Joint Program in Survey Methodology, University of Maryland. Psychology of Survey Response. Two day short course, co-taught with Roger Tourangeau (2011)

Certificate Program in Survey Methodology, Odem Institute for Research in the Social Sciences, University of North Carolina.
Survey Interviewing Techniques, one day short course (2007)

Psychology Department, George Mason University
Human-Technology Interaction: Cognition and Usability, semester long graduate seminar (1998)

Swiss Summer School, Swiss National Science Foundation, at L'Università della Svizzera Italiana
Reducing Survey Measurement Error, one week doctoral course (1998)

Department of Psychology, Carnegie Mellon University

Introduction to Symbolic Processing (LISP programming), undergraduate semester-long course, (1987, 1988)

Guest lecturer

- School of Information, University of Michigan: Evaluation of Systems and Services (March, 2011)
- Department of Psychology, University of Michigan: Research Methods (March 2009, March 2011, November 2012)
- University of Illinois, Library and Information Science distance learning program (1998 - 2002): various topics in web site usability
- New School University, Department of Psychology (2002): Research Methods
- Free University (Amsterdam), Department of Research Methodology (2000): Research Methods
- George Mason University, Department of Public Administration (1993,1994): Research Methods in Public Policy.

Doctoral Dissertation Committees

Currently (2012) serving on one at the University of Michigan: Survey Methodology (chair), Music (1); three at the University of Maryland, Survey Methodology (co-chair of two)

Previously served on seven committees at University of Michigan: four in Survey Methodology (chaired two), one in Public Health; one in Architecture; University of Maryland, Survey Methodology (3); New School for Social Research (5), Vrije Universiteit of Amsterdam (1), and George Mason University (1)

Masters Committees

Served on committee in Department of Sociology, Darmstadt University, Germany

Previously served on three committees in Department of Psychology, New School for Social Research

Professional Activities

Editorial:

Associate Editor, *Journal of Official Statistics* (2002 - 2011)

Member of Editorial Board, *Public Opinion Quarterly* (2006 – 2009, 2013-2018)

Co-Editor, *Applied Cognitive Psychology,* Special Issue on Cognitive Aspects of Survey Methodology (2007)

Panels/Committees:

National Academy of Science/Committee on National Statistics, Panel to Review the Commercial Buildings Energy Consumption Survey and the Residential Energy Consumption Survey (2009-11)

National Academy of Science/Committee on National Statistics, Panel to Review the Agricultural Resource Management Survey (2007-8)

Review:
Acta Psychologica
American Education Research Association
Applied Cognitive Psychology
Assessment
Cognitive Science Society Annual Conference, 1998, 2001
Discourse Processes
International Journal of Public Opinion Research
Field Methods
Glaser Foundation
Human-Communication Research
Human Factors
International Journal for Public Opinion Research
Journal of the American Statistical Association
Journal of Marketing
Journal of Official Statistics
Lawrence Erlbaum Associates, Publishers
Memory and Cognition
National Academy of Science, Committee on National Statistics Panel to Review the Agricultural Management Survey
National Institutes of Health (Grant review panel)
National Science Foundation (Various panels in Computer Science and the Social Sciences)
Oxford University Press
Psychological Bulletin
Psychological Science
Public Opinion Quarterly
Sociological Research and Methods
Survey Methodology
John Wiley & Sons, Inc.

Program Editor, *The Third Practical Aspects of Memory Conference*

Member American Association for Public Opinion Research Education Committee, 2005-6.

Professional Memberships

American Association for Public Opinion Research
Association for Psychological Science
Psychonomic Society
Society for Applied Research in Memory and Cognition

European Survey Research Association
Society for Text and Discourse