

MICHAEL HOERGER, Ph.D.

Rochester Healthcare Decision-Making Group
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CURRENT POSITION

NATIONAL RESEARCH SERVICE AWARD (NRSA) FELLOW Sep 2010-Present
University of Rochester Medical Center

EDUCATION

Ph.D., CLINICAL PSYCHOLOGY, CENTRAL MICHIGAN UNIVERSITY Aug 2010
Doctoral Internship, University of Rochester Medical Center

M.A., CLINICAL PSYCHOLOGY, CENTRAL MICHIGAN UNIVERSITY May 2007

B.S., HONORS PSYCHOLOGY, MICHIGAN STATE UNIVERSITY May 2005

PROFESSIONAL AFFILIATIONS

American Psychosocial Oncology Society
Association for Research in Personality
Society for Personality and Social Psychology

RESEARCH INTERESTS

HEALTHCARE DECISION MAKING

My research is focused on improving quality of life in cancer by using psychosocial research to facilitate the healthcare decision-making process. Key areas of emphasis:

- Emotional processes that shape decision making, including affective forecasting, delay of gratification, coping, and emotional intelligence
- Health communication and decision interventions
- Personality and psychopathology
- Research methods, including recruitment, web-based research, and survey development

PUBLICATIONS

RESEARCH ARTICLES

13. Baker, C. N., & Hoerger, M. (in press, 2012). Parental child-rearing strategies influence self-regulation, socio-emotional adjustment, and psychopathology in early adulthood: Evidence from a retrospective cohort study. *Personality and Individual Differences*.
12. Hoerger, M., Chapman, B. P., Epstein, R. M., & Duberstein, P. R. (in press, 2012). Emotional intelligence: A theoretical framework for individual differences in affective forecasting. *Emotion*.
11. Hoerger, M., Quirk, S. W., Chapman, B. P., & Duberstein, P. R. (in press, 2012). Affective forecasting and self-rated symptoms of depression, anxiety, and hypomania: Evidence for a dysphoric forecasting bias. *Cognition & Emotion*.
10. Hoerger, M. (2012). Coping strategies and immune neglect in affective forecasting: Direct evidence and key moderators. *Judgment and Decision Making*, 7, 86-96.
9. Hoerger, M., Chapman, B., Ma, Y., Tu, X., Useda, J. D., Hirsch, J., & Duberstein, P. (2011). Agreement between informant and self-reported personality in depressed older adults: What are the roles of medical illness and cognitive function? *Psychology and Aging*, 26, 1000-1006.
8. Hoerger, M., Quirk, S. W., & Weed, N. C. (2011). Development and validation of the Delaying Gratification Inventory. *Psychological Assessment*, 23, 725-738.
7. Hoerger, M., & Quirk, S. W. (2010). Affective forecasting and the Big Five. *Personality and Individual Differences*, 49, 972-976.
6. Hoerger, M. (2010). Participant dropout as a function of survey length in Internet-mediated university studies: Implications for study design and voluntary participation in psychological research. *CyberPsychology, Behavior, and Social Networking*, 13, 697-700.
5. Hoerger, M., Quirk, S. W., Lucas, R. E., & Carr, T. H. (2010). Cognitive determinants of affective forecasting errors. *Judgment and Decision Making*, 5, 365-373.
4. Hoerger, M., Quirk, S. W., Lucas, R. E., & Carr, T. H. (2009). Immune neglect in affective forecasting. *Journal of Research in Personality*, 43, 91-94.

3. Monnot, M., Quirk, S. W., Hoerger, M., & Brewer, L. (2009). Racial bias in personality assessment: Using the MMPI-2 to predict psychiatric diagnoses of African American and Caucasian chemical dependency inpatients. *Psychological Assessment, 21*, 137-151.
2. Beilock, S. L., Bertenthal, B. I., Hoerger, M., & Carr, T. H. (2008). When does haste make waste? Speed-accuracy tradeoff, skill level, and the tools of the trade. *Journal of Experimental Psychology: Applied, 14*, 340-352.
1. Quirk, S. W., Subramanian, L., & Hoerger, M. (2007). Effects of situational demand upon social enjoyment and preference in schizotypy. *Journal of Abnormal Psychology, 116*, 624-631.

BOOK CHAPTERS AND BOOKS

4. Hoerger, M., & Currell, C. (2011). Ethical issues in internet research. In S. Knapp, M. Gottlieb, M. Handelsman, & L. VandeCreek (Eds.), *APA Handbook of ethics in psychology*. Washington, D.C.: American Psychological Association.
3. Janosky, J. E., Leininger, S. L., Hoerger, M., & Libkuman, T. M. (Eds., 2009). *Single subject designs in biomedicine*. New York: Springer.
2. Hoerger, M. (2009). Methodological framework for single-subject designs. In J. E. Janosky, S. L. Leininger, M. Hoerger, & T. M. Libkuman (Eds.), *Single subject designs in biomedicine* (pp. 25-43). New York: Springer.
1. Hoerger, M. (2009). Ethics and single subject research. In J. E. Janosky, S. L. Leininger, M. Hoerger, & T. M. Libkuman (Eds.), *Single subject designs in biomedicine* (pp. 69-80). New York: Springer.

MANUSCRIPTS UNDER REVIEW/REVISION

4. Gallegos, A. M., Hoerger, M., Talbot, N. L., Krasner, M. S., Knight, J. M., Moynihan, J. A., & Duberstein, P. R. Towards identifying the effects of the specific components of Mindfulness-Based Stress Reduction on biological and emotional outcomes among older adults.
3. Gerhart, J. I., Heath, N. M., Fitzgerald, C., & Hoerger, M. Experiential avoidance and subjective feelings of depression and anger reduce delay of gratification.
2. Giovanelli, A., Hoerger, M., Johnson, S. L., & Gruber, J. Impulsivity and risk for mania: Which aspects of impulsivity are most important?

1. Hoerger, M. Outward expressions of the impact bias in affective forecasting: Emotional language, affective display ratings, and behavioral tendencies.

CONFERENCE PRESENTATIONS

NATIONAL CONFERENCES

16. Hoerger, M., Saks, S., Chapman, B. P., & Duberstein, P. R. (February, 2012). Affective forecasting about the emotional impact of a lung cancer diagnosis: Implications for healthcare decision making. Poster accepted for presentation at the annual meeting of the American Psychosocial Oncology Society, Miami, FL.
15. Saks, S., Kehoe, L., Bomersbach, J., West, A., Baker, C. N., Quirk, S. W., Duberstein, P. R., & Hoerger, M. (January, 2012). Does self-complexity buffer against interpersonal distress? Poster presented at the annual meeting of the Society for Personality and Social Psychology, San Diego, CA.
14. Hoerger, M., Saks, S., Chapman, B. P., & Duberstein, P. R. (January, 2012). Individual differences in affective forecasting: Personality awareness or personality neglect? Poster presented at the annual meeting of the Society for Personality and Social Psychology, San Diego, CA.
13. Hoerger, M., Giannandrea, S., West, A., Morgan, M., Gerhart, J., Bomersbach, J., & Baker, C. (June, 2011). Individual differences in coping and predicted, actual, and recollected emotional reactions. Poster presented at the biennial meeting of the Association for Research in Personality, Riverside, CA.
12. Hoerger, M., Baker, C., McCabe, B., & Saks, S. (June, 2011). Parental child rearing strategies: Implications for the development of self-regulation, socio-emotional adjustment, and psychopathology in early adulthood. Poster presented at the biennial meeting of the Association for Research in Personality, Riverside, CA.
11. Hoerger, M., Bell, K., McLaughlan, J., McCabe, B., Curtis, S., Morningstar, E., & Choi, K. (June, 2010). Multiple self-report methods for assessing emotional responsiveness. Poster presented at the annual meeting of Cognitive Remediation in Psychiatry, New York, NY.
10. Choi, K., Spaulding, W. D., & Hoerger, M. (June, 2010). Sensitivity to Emotional Context in Schizophrenia: Scale development and validation. Poster presented at the annual meeting of Cognitive Remediation in Psychiatry, New York, NY.

9. Hoerger, M., Quirk, S. W., Birkett, M. A., & Baker, C. N. (May, 2010). Emotional intelligence predicts ability to forecast, encode, and consolidate emotional experiences. Poster presented at the annual meeting of the Association for Psychological Science, Boston, MA.
8. Quirk, S. W., Linden, A., Hoerger, M., Bomersbach, J., & Goss, E. (September, 2009). High trait anxiety and the accurate prediction of future negative emotional states. Poster presented at the annual meeting of the Society for Research in Psychopathology, Minneapolis, MN.
7. Hoerger, M., & Quirk, S. W. (September, 2009). Psychopathology correlates of the Delaying Gratification Inventory. Poster presented at the annual meeting of the Society for Research in Psychopathology, Minneapolis, MN.
6. Walsh, S., Quirk, S. W., & Hoerger, M. (September, 2009). Under predicting happiness by more alexithymic Obama supporters. Poster presented at the annual meeting of the Society for Research in Psychopathology, Minneapolis, MN.
5. Hoerger, M., & Quirk, S. W. (May, 2009). Self-report and performance-based measures of emotional intelligence demonstrate similar predictive validity. Poster presented at the annual meeting of the Association for Psychological Science, San Francisco, CA.
4. Hoerger, M., Quirk, S. W., Borton, K., & McLaughlan, J. (October, 2007). Depressive symptoms and biased emotional forecasts for Valentine's Day. Poster presented at the annual meeting of the Society for Research in Psychopathology, Iowa City, IA.
3. Hoerger, M., Quirk, S. W., Nerbonne, J., & Smith, F. (October, 2007). Is schizotypy associated with diminished anticipatory pleasure? Poster presented at the annual meeting of the Society for Research in Psychopathology, Iowa City, IA.
2. Hoerger, M. (October, 2006). Depressive symptoms and predicting emotional reactions: Affective forecasting for Valentine's Day. Poster presented at the annual meeting of the Society for Research in Psychopathology, San Diego, CA.
1. Beilock, S. L., Hoerger, M., Bertenthal, B., & Carr, T. H. (November, 2004). When does haste make waste? Speed-accuracy instructions, expertise, and the tools of the trade. Poster presented at the annual meeting of the Psychonomic Society, Minneapolis, MN.

REGIONAL CONFERENCES

10. Hoerger, M. (March, 2011). Individual differences in coping and predicted, actual, and recollected emotional reactions. Poster presented at the annual Collier Mental Health Research Day, Rochester, NY.

9. Hoerger, M., Quirk, S. W., Bomersbach, J., Borton, K., VanOchten, C., Fraser, C., & Daniels, L. (April, 2008). Emotional intelligence and predicted reactions to birthdays: A very merry unbirthday to you. Poster presented at the annual Student Research and Creative Endeavors Exhibition, Mount Pleasant, MI.
8. Hoerger, M., Quirk, S. W., Bomersbach, J., VanOchten, C., Borton, K., Fraser, C., & Daniels, L. (April, 2008). Delaying Gratification Inventory validity study. Poster presented at the annual Student Research and Creative Endeavors Exhibition, Mount Pleasant, MI.
7. Hoerger, M., Quirk, S. W., Bomersbach, J., Borton, K., VanOchten, C., Daniels, L., & Fraser, C. (April, 2008). An international Internet-mediated survey construction project: The Delaying Gratification Inventory. Poster presented at the annual Student Research and Creative Endeavors Exhibition, Mount Pleasant, MI.
6. Hoerger, M., Quirk, S. W., Bomersbach, J., VanOchten, C., Borton, K., Daniels, L., & Fraser, C. (April, 2008). Emotional intelligence and the accuracy of predicted emotional reactions to photographs. Poster presented at the annual Student Research and Creative Endeavors Exhibition, Mount Pleasant, MI.
5. Nerbonne, J., Quirk, S. W., Christiansen, N. D., Podolan, M., Swan., N., McLaughlan, J., Smith, F., & Hoerger, M. (April, 2007). Validity and reliability of the emotional and behavioral perspective taking measure. Poster presented at the annual Student Research and Creative Endeavors Exhibition, Mount Pleasant, MI.
4. Hoerger, M., Quirk, S. W., Borton, K., VanOchten, C., Trumbell, J., Thomas, C., Daniels, L. (April, 2007). Mispredicting happiness. Poster presented at the annual Student Research and Creative Endeavors Exhibition, Mount Pleasant, MI.
3. Borton, K., Quirk, S. W., Hoerger, M., VanOchten, C., Daniels, L., & McLaughlan, J. (April, 2007). Predicting emotional responses to Valentine's Day. Poster presented at the annual Student Research and Creative Endeavors Exhibition, Mount Pleasant, MI.
2. Hoerger, M. & Quirk, S. W. (April, 2006). Overprediction of emotional reactions in affective forecasting for Valentine's Day. Poster presented at the annual Student Research and Creative Endeavors Exhibition, Mount Pleasant, MI.
1. Hoerger, M. (April, 2005). Pursuit of happiness. Poster presented at the annual University Undergraduate Research and Arts Forum, East Lansing, MI.

AD HOC REVIEWER RESPONSIBILITIES

CyberPsychology, Behavior, and Social Networking
 Journal of Economic Psychology
 Journal of Research in Personality
 Journal of Social and Clinical Psychology
 Psychological Assessment
 Psychology and Aging

RESEARCH SUPPORT

GRANTS SUBMITTED

<p>Pilot Project Grant Patient-Centered Outcomes Research Institute (PCORI) <i>Exploring Patients' Motivation to Ask Their Doctors About BP Treatment Goals: A Stakeholder Approach.</i> The study uses a community-based participatory research (CBPR) framework to engage community stakeholders in decisions surrounding blood pressure goals, test a theoretical model of engagement in shared blood pressure goals, and develop an intervention for promoting those goals. Role: Co-Investigator</p>	<p>Fiscella (PI)</p>	<p>Submitted 11/11</p>
<p>K07 National Cancer Institute (NCI) <i>Improving Quality of Life in Cancer: How Emotion Affects Health Decision Making</i> This career development award is designed to provide educational training and research funding for me to develop into a leading independent investigator in the domain of cancer decision making. The career development plan includes formal coursework, mentorship from internationally recognized experts in psychology and medicine, and the completion of two research studies on decision making in patients with advanced cancer.</p>	<p>Hoerger (PI)</p>	<p>Submitted 10/11</p>
<p>R01 National Cancer Institute (NCI) <i>Impact of a Novel Cancer Communication Intervention on Caregiver Bereavement</i> Using a prospective randomized design, the study examines the influence of a patient-centered care intervention for patients with advanced cancer, their family caregivers, and their oncologists on caregiver mental and physical health. Role: Co-Investigator</p>	<p>Duberstein, Prigerson (Dual PIs)</p>	<p>Submitted 08/11</p>

ONGOING RESEARCH SUPPORT

R01 CA140419 Epstein, Kravitz (Dual PIs) 06/01/11-05/31/16

National Cancer Institute (NCI)

RCT of Patient, Caregiver and Physician Communication Coaching in Advanced Cancer

The study is designed to test an interpersonally intensive health communication intervention – targeting physicians, patients and caregivers – to improve discussions regarding emotional concerns, treatment choices, and prognosis in advanced cancer. Outcome variables are communication quality, patient quality of life, and patient utilization of health care in the weeks and months prior to death.

Role: Co-Investigator

T32 MH018911 Caine (PI) 09/30/92-06/30/13

National Institute of Mental Health (NIMH)

NIMH Institutional National Research Award

The purpose of the grant is to support interdisciplinary postdoctoral research training, with an emphasis on psychology, public health and preventive medicine, health services research, clinical trial methodology, and ethics; my specific role has been to bring a psychological perspective to interdisciplinary research on healthcare decision-making, while gaining knowledge and skills designed to foster independence.

Role: NRSA Postdoctoral Fellow

“Salzman Award” Start-up Grant Hoerger (PI) 06/01/11-05/31/12

URMC Department of Psychiatry

Affective Forecasting of Well-being in Cancer

The purpose of the grant is fund a pilot project designed to examine affective forecasting in patients diagnosed with cancer. Aims include identifying experimental manipulations for improving affective forecasting, identifying psychosocial and health-related factors associated with affective forecasting, and identifying the association between affective forecasting and decision preferences.

PAST RESEARCH SUPPORT

Dissertation Support Grant Hoerger (PI) 11/01/09-10/31/10

CMU College of Graduate Studies

Development and Validation of the Delaying Gratification Inventory

The grant provided support for a large-scale multinational web-based project designed to develop a psychometrically-strong measure of individual differences in delaying gratification, a cognitive-emotional construct with implications for healthcare decision-making.

assessments for diagnostically complex cases, and testified in a few court cases as an expert on childhood development

SAGINAW REGIONAL CORRECTIONAL FACILITY, FREELAND, MI June 2008-Dec 2008
As a part of a graduate practicum through CMU and Saginaw Psychological Services, led nine intensive psychoeducational substance abuse therapy groups with level I, II, and IV inmates at a state-run prison

SAGINAW ELEMENTARY SCHOOLS, SAGINAW, MI Jan 2008 – Aug 2008
As a part of a graduate practicum through CMU and Saginaw Psychological Services, completed numerous in-school psychological evaluations of children and adolescents, primarily involving learning disorders and disruptive behavior disorders

INVITED TALKS, GUEST LECTURES, & COLLOQUIA

Happiness: Decision making by individuals and society, Worcester State University, Nov 2011
Suicide prevention, Medical student seminar, URMC, Sep 2010
Autism/Asperger's differential diagnosis, Psychological testing seminar, URMC, Apr 2010
Introduction to psychological assessment, Psychiatry resident seminar, URMC, Mar 2010
Assessing gratification delay, Psychology discipline-wide meeting, RPC, Feb 2010
Labor organizing, Collective Behavior (SOC 304), CMU, Mar 2009
Test construction using Internet-mediated research, Colloquium, CMU, Nov 2008
Graduate school in psychology, Panel for Psi Chi, CMU, Sep 2005, Sep 2008
Diagnostic assessment, Clinical Interviewing (PSY 350), CMU, Jan 2008
Internet-mediated research, Colloquium, CMU, Nov 2007
Emotional biases in schizotypy, Colloquium, CMU, Mar 2007
Assessing affect, Clinical Interviewing (PSY 350), CMU, Jan 2006

STUDENTS MENTORED

RESEARCH

Sam Saks, University of Rochester graduate
John Dickson, University of Rochester undergraduate
Jacqueline Wiegand, CMU undergraduate, current Ohio State Audiology Aud.D. student

TEACHING

Jim Collada, CMU undergraduate, current CMU counseling psychology M.A. student
Joe McLaughlan, CMU undergraduate, current CMU Clinical Psychology Ph.D. student

TEACHING EXPERIENCE

INSTRUCTOR

Introduction to Psychological Statistics, 3x

Research Methods in Psychology, 2x

Developmental Psychology, 1x

TEACHING ASSISTANT

Abnormal Psychology, 2x

Personality Psychology, 1x

HONORS AND AWARDS

Nominee, Association for Research in Personality J. S. Tanaka Personality Dissertation Award, 2010

Dissertation of the Year, CMU College of Graduate Studies, 2010

Graduate Teaching Assistantship, CMU Psychology Department, 2007-2009

J. William and Lorraine M. Miller Family Foundation Scholarship, 2001-2009

Clinical Qualifying Examination, Passed with Distinction, 2008

Best Lecturer in Psychology, Psi Chi undergraduate student choice award, 2007

Graduate Research Assistantship, CMU Psychology Department, 2006-2007

Doctoral Research Fellowship, CMU Psychology Department, 2005-2006

Board of Trustees Scholarship Award, graduation of MSU with 4.00 GPA, 2005

Outstanding Senior, MSU Psychology Department, 2005

Freda and George Hittel Scholarship, Midland Area Community Foundation (MACF), 2003, 2004

Charles Hayden Kelly Scholarship, MSU College of Social Science, 2002, 2004

Kirsten Beth Triebes Memorial Scholarship, MACF, 2002, 2004

Albert T. and Margaret H. Maasberg Scholarship, MACF, 2001, 2003

Kamerschen-Pearson Scholarship, MSU freshmen psychology, 2002

Dorothy Widick Memorial Scholarship, MSU Honors College, 2002

David N. Grosberg Memorial Scholarship, MACF, 2002

Elena Orefice Memorial Scholarship, MACF, 2001

Midland High School Student Union Scholarship, Midland Board of Education, 2001

William R. Dixon Scholarship, Midland Board of Education, 2001

Michigan Merit Award, State of Michigan, 2001

Business Professionals of America National Business Law Competition, 3rd place, 2001

Ambassador Torch Award, national recognition for community service, 2001

CONSULTATION

Developed web sites for local research groups, businesses, clubs, and unions, 2001-Present
Provided statistical consulting for Aplia's online product division, 2009-2010
Created research-business partnerships covering recruitment costs for six studies, 2006-2009

OTHER UNIVERSITY AND COMMUNITY SERVICE

GRADUATE STUDENT UNION / AFT MICHIGAN / AFL-CIO Feb 2008-Aug 2010
As head organizer and first president, led a successful union organizing drive that resulted in 500 CMU graduate employees gaining collective bargaining rights and initial health benefits; won an official MERC union authorization election with 88% of the popular vote; led day-to-day operations and supervised contract negotiations; drafted contract articles; assisted successful unionization of 350 nontenure-track CMU faculty

LISTENING EAR CRISIS CENTER, EAST LANSING, MI May 2004-Aug 2005
As a voluntary training experience prior to graduate school, provided telephone crisis counseling for adults and adolescents using a humanistic training model

COMPUTER SKILLS

STATISTICAL

Excel, SPSS, LISREL, MedCalc

WEB DESIGN

HTML, Javascript, CSS, Perl CGI, PHP, Adobe Fireworks, Adobe Photoshop, Adobe Flash, SurveyMonkey, Qualtrics