**LYNN CAROL MILLER**

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Education: University of Texas at Austin, Ph.D., 1982; Personality Psychology

(Advisor: Dr. Janet T. Spence)

Grants Funded: **PI to date: about $13,206,640**

**Co-PI/Collaborator on other projects, additional: $4,813,471**

NIGMS/NIH (2015-2018). Multi-PIs: Lynn Carol Miller and Stephen Read. *A Neurobiologically-based Neural Network Model of Risky Decision-making.* NIGMS. $1,804,304

NIDA/NIH (2011-2016). PI: Stephen Read (Co-PI: Lynn Miller, Robert Appleby, Zhon-Lin Lu, Antoine Bechara. *Neural Mechanisms of Risky Sexual Decision-Making in METH and non-METH Using MSM.*NIDA..  $2,844, 615

*CHRP (California HIV/AIDS Research Program) 2009-2012.* “Idea Award” Grant entitled, Online Interactive Culturally Tailored HIV Prevention Interventions (PI: Lynn Miller; Co-PI, Carlos Godoy). Approximately $200,000.

NIMH/NIH, (2008-2015). PI: Lynn Carol Miller (Co-PI: Stephen Read, P. Robert Appleby, Stacy Marsella, Leslie Clark). SOLVE-IT: Real Risk Reduction for MSM: **$3.475M.**

NPRST (Navy Personnel Research Studies and Technology)/DoD,

(08-10). PI: Stephen John Read (Co-Investigator: Lynn C. Miller). Measuring Teamwork Skills and Predicting Reactions to Policies Using Computer Agents. Approximately $274,000, 2008-2009 (subcontract through USC, $115,000).

ONR (Office of Naval Research), SBIR (Phase II), entitled, Motive and Affect-based Robotic Control (MARC), 2008-2010. L.C. Miller and S. J. Read are senior advisors/ /collaborators on the project. PI (W. Zackary, CHI Systems). Approximately $450,000 annually. Sub-contract to USC (subcontract through USC, PI Read; Co-PI Miller).

Navy Personnel Research Studies and Technology (NPRST) (07-08). Sole source contract, *Realistic Personalities in Virtual Environments.* L.C. Miller (consulting on FUTURE and PISCES initiatives to use computational modeling at different levels of scale to enhance person-organizational fit in the Navy), approximately **$70,000**.

ONR (Office of Naval Research), SBIR (phase I), entitled, Motive and Affect-based Robotic Control (MARC), 2007. L.C. Miller and S. J. Read are senior advisors/ /collaborators on the project. PI (W. Zackary, CHI Systems). **$*46,000***

USC Provost’s Center for Interdisciplinary Research Fellowship Miller, L.C. (2004-present). *Socially Optimized Learning in Virtual Environments*, **$49,000**.

AFOSR **(**2004-2006). L.C. Miller and S. J. Read are senior advisors/collaborators on a project entitled, Personality-enabled Architecture for Cognition (PAC). PI (W. Zackary, CHI Systems) approximately **$900,000.**

NIAID/NIH, (2003-2009). PI: Lynn Carol Miller (Co-PI: Stephen Read, P. Robert Appleby). Virtual Sex: Real Risk Reduction for MSM: **$3,649,146; Additional supplementary Ph.D. minority student funding.**

United States Army, (2001-2003). PI: Lynn Carol Miller (Co-PI: Stephen Read). Personality in a Virtual Agent: **$150,000.**

Universitywide AIDS Research Program,(2001-2002);

Co-PI on Why Methamphetamine Contributes to Risky Sex for MSM (PI: Robert Appleby): **$124,986**

Centers for Disease Control and Prevention, (1997-2001)

PI: Lynn Carol Miller (Co PI 1997-1999: S.T. Murphy, 1999-2001:Robert Appleby) Multiple HIV Prevention Options: Minimizing Risk? When? **$2,094,292**

Centers for Disease Control and Prevention, (1994-1999)

PI: Lynn Carol Miller (Co PI: S.T. Murphy)

Selling Safer Sex: Meaning, Motives, and Message Complexity; **$920,920 (**1994-95, $251,893; 1995-96, $242,518; 1996-1999, $426,509)

Universitywide AIDS Research Program, State of California, (1996-1998); Co-PI: Lynn Carol Miller (PI: Stephen Read)

Simulating safer sex: Interactive video as HIV intervention; **$119,870**

Annenberg Center/ University of Southern California

Co-PI: Lynn Carol Miller (PI: Jerry Mendel; CO-PI: Sheila Murphy), Harassment in the Corporate Community: Using Fuzzy Logic to Create an Interactive Sensitivity Training Tool; **$95,867**

Universitywide AIDS Research Program, State of California

Institutional Predoctoral Training Grant, (1992-1994); $100,440

for AIDS Research in the Social and Behavioral Sciences

Renewal, 1994-1996, $134, 784; Renewal, (1996-1997), $67,392

Program Director/PI: Lynn Miller (**Total: $302, 616**)

Annenberg Center/ University of Southern California

(Co-PI: Lynn Carol Miller; Other Co-Principal Investigators: Sheila Murphy, Stephen Read,Gary Goldsmith, Michael Cody, and Peter Katona) Interactive media for social problems: A proposed interactive multimedia consortium, (1995-1996); **$100,000**

Universitywide AIDS Research Program; State of California , (1992-1993); PI: Lynn Miller. Mental Models and Safer Sex: Reducing Gay Lapse Behavior; **$104,563**

Universitywide AIDS Research Program; State of California, (1990-1993): PI: Lynn Miller. Negotiating Safer Sex: An Interpersonal Process; **$122,661**

Universitywide AIDS Research Program; State of California, (1989-1990): PI: Lynn Miller. Planner/Coordinator for a Conference entitled, The Social Psychology of AIDS, Bay Club, San Diego, California May 11-13, 1990; **$3000**

AT &T University Equipment Donation Program; 1993

Communication: Interface between Users and Technology; **$125,000** to Communication Arts and Sciences; Co-Writer with Dr. Patricia Riley

NIMH R01 grant funded, (1985-88) Listener traits in marital interaction, **$91,038**; PI: Lynn Miller

Awards/Honors:

•Lynn Miller, *finalist*, iMedical APPS Research Award December, 2012 sponsored by iMedicalApps and the mHealth Summit (an NIH supported conference).

•Lynn Miller (PI), *finalist proposal,* National Science Foundation, *Science of Learning Center* (2006)(Co-PIs): Graesser, A., Read, S. J., Picard, R., & Johnson, W. L., entitled *i-SOLVE: Institute for Socially Optimized Learning in Virtual Environments*.

•Provost’s Fellow, Center for Interdisciplinary Research, USC

•Phi Kappa Phi, Faculty Recipient, USC, Awarded at the Honor’s Convocation, (2006)

•International Network of Personal Relationships'

Gerald R. Miller Early Career Award (1993)

•Phi Kappa Phi, Research Mentorship Award -- USC (1992)

•NIMH pre-doctoral fellowship

•State of Texas Graduate Student Research Award

Positions Held: Annenberg School for Communication, USC; Joint appointment: Psychology

Professor, 1997 to present;

Associate Professor, 1992 to 1997;

Assistant Professor, 1989 to 1992.

Scripps College, Claremont, CA (1984-89)/ N. I. U., DeKalb, Ill. (1982-84) Assistant Professor of Psychology

**Invited Speaker/Consultant**

**To Federal Agencies**

**Invited Consultants**. Miller, L.C. and Read, S. J. (August, 2013). Consulted with CDC regarding our Electronic Technology-Based HIV Interventions Contact: Clint McDaniel.

**Invited Consultant**. Miller, L.C. (January, 2013) at a Workshop for the Department of Homeland Security (DOD),New Brunswick, New Jersey.

**Invited Consultant to** The Center for Research in Applied Communications, Culture and New Technologies (http://cicant.ulusofona.pt/) of Universidade Lusófona de Humanidades e Tecnologias, in Portugal. November 2012, in Lisbon and with the **iDTV-Health** project team regarding plans for a national diabetes public health campaign in Portugal. November, 2012.

**Navy Invited Speaker for Series of Talks/Consuultant.** Offered a "sole source contract" by NPRST (Navy Personnel Research, Survey, and Technology) to discuss developing biologically and psychologically inspired "intelligent agents" (autonomous computer agents with an underlying cognitive architecture for use in computational modeling/simulations of humans and in “serious games”) and its implications for achieving NPRST's future training and manpower goals. June, 2007-December, 2007.

**NIH Invited Speaker/Consultant.** Miller, L.C. and Read, S. J. (November, 2008). "Computational models of personality and social behavior," National Institute for General Medical Sciences (NIGMS/NIH), Bethesda. Invited speaker to advise/provide background information to NIH regarding state of work in this area for potential future funding consideration. (workshop lays the groundwork for future funding initiatives by this institute that is the only basic science institute at NIH).

**Invited Speaker/Workshop Participant.** Miller, L. C. (June, 2007). Invited Speaker in a Workshop on e-Games in Health. Centers for Disease Control and Prevention. June, 2007, Atlanta, Georgia.

**Invited Speaker/Workshop Participant.** Miller, L.C. (October, 25-26, 1999). A Workshop on Improving Acceptability Research Natcher Center, Balcony A, NIH Campus, Oct 25-26, 1999; one of a handful of scientists invited to present research that would inform NIH staff in developing an RFA on microbicide research.

**Invited Speaker** by Universities/ Journal Editors

Miller, L.C. (November 13, 2013). Invited Speaker in a Webinar on “Global Action to Reduce HIV Stigma and Discrimination” hosted by the Journal of the International AIDS Society (webinar chaired by C. Grossman (NIMH) and A. Stangl (ICRW). Discussing findings from recently published JIAS article by Christensen, J. L., Miller, L.C., Appleby, P. R., Corsbie-Massay, C., Godoy, C. G., Marsella, S. C., & Read, S. J. (November 2013).

Miller, L.C. (May, 2013) SOLVE-IT. Invited Speaker at the Center for Health Intervention and Prevention, University of Connecticut.

Miller, L. C. (November, 14, 2012). “Socially Optimized Learning in Virtual Environments (SOLVE): RCT Evaluating MSM HIV Risk-Reduction.” Invited Speaker at a Workshop for The Center for Research in Applied Communications, Culture and New Technologies (http://cicant.ulusofona.pt/) of Universidade Lusófona de Humanidades e Tecnologias, in Portugal. Workshop on “E-health: bridging, connect and innovating”,. Lisbon, Portugal. (paid for by host)

Miller, L.C., Appleby, P.R., Read, S. J. (August, 2009). Virtual Sex: Using Interactive Technology to Change Risky Sexual Behavior for Young MSM. In CTSI workshop on Interactive Media, Children’s Hospital, USC.

Read, S. J. & Miller, L. C. (2007) *Narrative structures and coherence seeking in understanding other minds.* USC Institute for Creative Technologies Theory of Mind Workshop, October 12-14, 2007, Marina del Rey, CA USA

Read, S. J., & Miller, L. C. (2003). *Explanatory coherence and goal-based knowledge structures in making dispositional inferences.* Invited paper presented at Conference on *Other Minds*, Eugene, OR, Sept.

Miller, L.C. (October, 2000). Multimedia Decision Simulations; this two day conference was funded through Tufts University (October, 2000).

**Keynote Speaker**

Miller, L.C., Christensen, J.C., Appleby, P.R., Corsbie-Massay, C, Godoy, C., Read, S. J. (April, 2010). *Intelligent agents, computational models, and serious games: Tools for changing (and understanding the complexity in) risky behavior*. Kentucky Conference on Health Communication, Lexington, KY

Miller, L.C., Godoy, C., Christensen, J. C., Appleby, P. R., Corsbie-Massay, C., Read, S. J. (April, 2008). *Virtual Agents, Environments, and Games: An Example of What We Can Do in Health Communication to Help Drive the Transformation of NIH's "4-P's" (Prediction, Pre-emption, Personalization, & Participation).* Kentucky Conference on Health Communication. Lexington, KY.

Miller, L. C., & Read, S. J. (2004). *Virtual Sex: Real Risk Reduction.* Invited address for the Annual Tennessee Undergraduate Psychology Conference, February, University of Memphis, Memphis, TN.

**NIH/NSF Review Panel**

***NIH Panel Meeting Member ZRG1 HDM-Q (59) System Sciences, November, 2014.***

***NIH Panel Meeting Member ZRG1 HDM-Q (58) System Sciences, October, 2014.***

***NIH Panel Meeting Member ZRG1 HDM-Q (56) System Sciences, July, 2014.***

***NIH Panel Meeting Member ZRG1 HDM-Q (55) System Sciences, June, 2014.***

***NIH Panel Meeting Member ZRG1 HDM-Q (50) System Sciences, February, 2013.***

***NSF Panel Member. Secure and Trustworthy Computing. Washington, DC., April 2012.***

***NIH Panel Meeting Member ZRG1 HDM-Q (50) System Sciences, February, 2012.***

***NIH Panel Meeting Member ZRG1 HDM-Q (50) System Sciences, October, 2012.***

***NSF ad hoc reviewer, 2012***

**iADAPT NIH Panel Member.** Special Topics Panel, April, 2010.

**NIAID Panel Member for RFA-AI-10-022** – “U.S. India Bilateral Collaborative Research Partnerships (CRP) for Prevention of HIV/AIDS and Co-Morbidities” (<http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-10-022.html> ), December, 2010.

**NIAID** **Panel Member**. Special Topics Panel for NIH AIDS Centers, November, 2008, Washington, DC.

**NIAID** **Panel Member**. Special Topics Panel for NIH AIDS

Centers, October, 2007, Washington, DC.

**NIMH Panel Member:** Special Topics Panel concerned with Communication Technology and AIDS Prevention, December 2000, Bethesda, Maryland.

**Publications**

**Peer Reviewed Journal Publications**

1. Miller, L. C., Murphy, R., & Buss, A. H. (1981). Consciousness of body: Private and public. ***Journal of Personality and Social Psychology, 41,*** 397-406.

2. Miller, L.C., & Cox, C.L. (1982). For appearances sake: Public self-consciousness and makeup use. ***Personality and Social Psychology Bulletin, 8,*** 748-751.

3. Swann, W.B., & Miller, L.C. (1982). Why never forgetting a face matters: visual imagery and social memory. ***Journal of Personality and Social Psychology, 43,*** 475-480.

4. Miller, L.C., Berg, J. H., & Archer, R. L. (1983). Openers: Individuals who elicit

intimate disclosures. ***Journal of Personality and Social Psychology, 44****,* 1234-1244.

5. Miller, L.C., Lechner, R.E., & Rugs, D. (1985). Development of conversational responsiveness: Preschoolers' use of responsive listener cues and relevant comments. ***Developmental Psychology, 21*,** 473-480.

6. Miller, L.C., & Kenny, D. (1986). Reciprocity of self-disclosure at the individual and dyadic levels: A Social Relations Analysis. ***Journal of Personality and Social Psychology, 50,*** 713-719.

7. Read, S.J., & Miller, L.C. (1989). Explanatory coherence in understanding persons, interactions, and relationships. ***Behavioral and Brain Sciences, 12,*** 485-486***.***

8. Read, S.J., Druian, P.R., & Miller, L.C. (1989). The role of causal sequence in the meaning of action. ***British Journal of Social Psychology, 28,*** 341-351.

9. Read, S.J., Jones, D. K., & Miller, L.C. (1990). Traits as goal-based categories: The role of goals in the coherence of dispositional categories. ***Journal of Personality and Social Psychology, 58, 1048-1061.***

10. Read, S.J., Miller, L.C., & Jones, D. (1990). Goals and the conceptual coherence of social categories. ***Bulletin of the Psychonomic Society, 28 (3) 261-267.***

11. Miller, L.C. (1990). Intimacy and liking: Mutual influence and the role of unique relationships. ***Journal of Personality and Social Psychology, 59, 50-60.***

12. Miller, L.C., Cooke, L. L., Tsang, J., & Morgan, F. (1992). Should I brag? Nature and impact of positive and negative disclosures for women and men. ***Human Communication Research, 18,*** 364-399**.**

13. Read, S.J., & Miller, L.C. (1993). Rapist or "regular guy": Explanatory coherence in the construction of mental models of others. ***Personality and Social Psychology Bulletin, 19, 5, 26-540.***

14. Read, S. J., & Miller, L.C. (1993). Explanatory Coherence in the construction of mental models of others.  ***Proceedings of the 15th Annual Conference of the Cognitive Science Society***. Hillsdale, N.J.: Erlbaum, **836-841**.

15. Collins, N., & Miller, L. C. (1994). Self-disclosure and liking: A Meta-Analytic Review. ***Psychological Bulletin, 116, 457-475*.**

16. Vanman, E.J., Read, S.J., & Miller, L.C. (1995). Gestalt principles and parallel constraint satisfaction processes: The parallels. ***Proceedings of the 17th Annual Conference of the Cognitive Science Society.***  Hillsdale, N.J.: Erlbaum, 836-841.

17. Monahan, J., Miller, L.C., & Rothspan, S. (1997). Power and intimacy: On the dynamics of risky sex. ***Health Communication.*** Vol 9(4), 303-32

18. Read, S.J., Vanman, E.J., & Miller, L.C. (1997). Connectionism, Parallel Constraint Satisfaction Processes, and Gestalt Principles: (Re) Introducing Cognitive Dynamics to Social Psychology. ***Personality and Social Psychology Review, 1, 26-53.***

19. Murphy, S. T., Monahan, J. L., & Miller, L.C. (1998). Inference under the Influence: The impact of alcohol and inhibition conflict on women's sexual decision making. ***Personality and Social Psychology Bulletin, 24, 517-528.***

20. Monahan, J. L, Murphy, S.T., & Miller, L.C. (1999). When women imbibe: Alcohol and the illusory control of HIV Risk. ***Psychology of Women Quarterly.*** Vol 23(3), 643-651

21. Appleby, P.R., Miller, L., & Rothspan, S. (1999). The paradox of trust for male couples: When risking is but a part of loving. ***Personal Relationships, 6, 81-93.***

22. Miller, L.C., Pedersen, W.C., Johnson, A. R., Putcha, A. D. (2000). For the short-term: Are women just looking for a few pairs of genes? ***Behavioral and Brain Sciences, 23*** (4).

23. Crepaz, N., Marks, G, Mansergh, G., Murphy, S., Miller, L. C., Appleby, P. R. (2000) Age-related risk for HIV infection in men who have sex with men: Examination of behavioral, relationship, and serostatus variables. ***AIDS Education & Prevention*** , Vol 12(5), 405-415.

24. Mansergh G, Marks G, Miller L, Appleby PR, Murphy S. (2000). Is 'knowing people with HIV/AIDS' associated with safer sex in men who have sex with men? ***AIDS***, 14, 1845-1851.

25. Murphy, S.T., Miller, L.C. Clark, L.F., & Moore, J. (2000). Preaching to the Choir: Female Control Methods and HIV Risk. ***American Journal of Public Health.***

26. Marks G, Mansergh G, Crepaz N, Murphy S, Miller L, Appleby P.R. (2000). Future HIVprevention options for men who have sex with men: Preferences and intentions

regarding a potential microbicide for anal intercourse. ***AIDS and Behavior***, Vol 4(3), 279-287.

27. Rader, M., Marks, G, Mansergh, G., Crepaz, N., Miller, L.C., Appleby, P.R., & Murphy, S. (2001). Preferences about the characteristics of future HIV prevention products among men who have sex with men.  ***AIDS Education and Prevention, 13***(2), 149-159.

28. Read, S. J., & Miller, L.C. (2002). Virtual Personalities: A Neural Network Model of Personality. ***Personality and Social Psychology Review, 6, 357-369.***

29. Miller, L. C., Putcha-Bhagavatula, A. D., Pedersen, W. C. (2002). Men’s and women’s mating preferences: Distinct evolutionary mechanisms? ***Current Directions, 11, 88-93.***

30. Pedersen, W. C., Miller, L.C., Putcha, A. D., & Yang, Y. (2002). Evolved sex differences in the number of partners desired? The long and the short of it. ***Psychological Science. 13, 157-161.***

31. Saul, J., Moore, J., Murphy, S. T., & Miller, L.C. (2004). Relationship violence and women’s reactions to male- and female- controlled HIV prevention methods***. AIDS and Behavior, 8(2****),* 207-214.

32. Miller, L.C., Murphy, S. T., Clark, L.F., Hamburger, M., & Moore, J. (2004) Hierarchical Messages for Introducing Multiple HIV Prevention Options: Promise and Pitfalls. ***AIDS Education and Prevention, 16 (6); 509-525.***

33. Zachary, W., LeMentec, J-C., Miller, L. C., Read, S. J., & Thomas-Meyers, G. (2005). Steps toward a Personality-based Architecture for Cognition. Paper in the *Proceedings of the* ***Annual Conference on Behavioral Representation in Modeling and Simulation***, Los Angeles, CA. (Top paper award)

34. Zachary, W., Le Mentec, J.-C.. Miller, L.C., Read, S. J., & Thomas-Meyers, G. (2005). Human behavioral representations with realistic personality and cultural characteristics. Paper in the ***Proceedings of the Tenth International Command and Control Research and Technology Symposium***, McLean, VA.

35. Miller, L.C., Pedersen, W.C., & Putcha-Bhagavatula, A.D. (2005). Promiscuity in an evolved pair-bonding system: Mating within and outside the Pleistocene box. ***Behavioral and Brain Sciences, 28***, 290-291.

36. Appleby, P. R., Marks, G., Ayala, A., Miller, L.C., Murphy, S., & Mansergh, G. (2005). Consideration of future consequences and unprotected anal intercourse among men who have sex with men. ***Journal of Homosexuality***, ***50,*** 119-133.

37. Yang, Y., Read, S. J., & Miller, L. C. (2006). A taxonomy of situations from Chinese idioms: Goal processes as a central organizing principle. ***Journal of Research in Personality, 40***, 750-778.

38. Read, S. J., Miller, L. C., Rosoff, A, Eilbert, J., Iordanov, V., Le Mentec, J-C., Zachary, W. (2006). *Integrating Emotional Dynamics into the PAC Cognitive Architecture.* ***Proceedings of the Annual Conference on Behavioral Representation in Modeling and Simulation***, Baltimore, MD.

39. Read, S. J., Miller, L. C., Appleby, P. R., Nwosu, M. E., Reynaldo, S., Lauren, A. & Putcha, A. (2006). Socially Optimized Learning in a Virtual Environment: Reducing Risky Sexual Behavior Among Men Who Have Sex With Men. ***Human Communication Research 32*** (1), 1-34.

40. Miller, L. C., Read, S. J., Zachary, W., LeMentec, J-C., Iordanov, V., Rosoff, A., & Eilbert, J. (2006). The PAC Cognitive Architecture. In J. Gratch et al. (Eds.), ***Proceedings of*** ***Intelligent Virtual Agents 2006 (IVA 2006),* Lecture Notes in Artificial Intelligence**, 4133. Berlin: Springer-Verlag.

41. Read, S.J., Miller, L. C., Monroe, B., Brownstein, A., Zachary, W., LeMentec, J. C., & Iordanov, V. (2006) A Neurobiologically Inspired Model of Personality. In J. Gratch et al. (Eds.), ***Proceedings of*** ***Intelligent Virtual Agents 2006 (IVA 2006),* Lecture Notes in Artificial Intelligence,** 4133. Berlin: Springer-Verlag.

42. Read, S. J., Miller, L. C., Kostygina, A., Chopra, G., Christensen, J. L., Corsbie-Massay,C., Zachary, W., LeMentec, J., Iordanof, V., Rosoff, A. (2007). The Personality-enabled Architecture for Cognition (PAC). In A. Paiva & R. Picard (Eds.) ***Proceedings of the Second International Conference on Affective Computing and Intelligent Interaction***. New York: Springer-Verlag.

1. Pepe, A.A., Zachary, W., Miller, L., Read, S., Miller, D. Iordanov, V. (2008). Motive and affect-based robotic control – MARC. *Proceedings of the Association for Unmanned Vehicle Systems International (AUVSI) Unmanned Systems North America, San Diego, California, USA.*
2. Pepe, A.A., Zachary, W., Read, S., Miller, L., Iordanov, V., Miller, D., Chopra, G. (2008). Motive and affect-based control for uninhabited vehicles. *Proceedings of the Human Factors and Ergonomic Society 52nd Annual Meeting, USA.*
3. Godoy, C. G., Christensen, J. L., Miller, L. C., Appleby, P. R., Corsbie-Massay, C., & Read, S. J. (2008). Guilty Pleasures: Using Virtual Environments to Reduce Risk-Taking [Abstract]. *Annals of Behavioral Medicine, 35*, s63.
4. Read, S. J., Miller, L. C., Kostygina, A., Chopra, G., Christensen, J. L., Corsbie-Massay, C., Zachary, W., LeMentec, J. C., Iordanov, V., & Rosoff , A. (2008). The Personality-Enabled Architecture for Cognition (PAC). I. Horswill, E. Hudlicka, C. Lisetti, and J. D. Velasquez, (Cochairs). *Emotion, Personality, and Social Behavior: Papers from the AAAI Spring* Symposium. Technical Report SS-08-04. Cambridge, MA: AAAI Press/MIT Press.
5. Christensen, J. L., Appleby, P. R., Miller, L. C., Storholm, E. D., Ayala, A. (2009). Methamphetamine, Sexual Functioning, and Sexual Risk-Taking: The Self-Regulatory Motivations of MSM [Abstract]. *Annals of Behavioral Medicine, 37, s40*.
6. Yang, Y., Read, S., & Miller, L. (2009). The Concept of Situations. *Social and Personality Psychology Compass, 3(6), 1018-1037.*
7. Read, S. J., Brownstein, A. L., Yang, Y., Chopra, G., & Miller, L (2010). A neural network model of the structure and dynamics of human personality. *Psychological Review*, 117, 61–92.

50. Appleby, P.R., Briano, M., Christensen, J. L., Anderson, A. N., Storholm, E. D.,

Ananias, D. K.,Miller, L. C., & Ayala, A. (2010). The disparate roles of ethnicity and sexual orientation in predicting methamphetamine use and related beliefs and behaviors among MSM. [Abstract] ***Annals of Behavioral Medicine, 39*(Supplement), s52.** (all co-authors former or current students)

1. Pedersen, W.C., Putcha-Bhagavatula, A., & Miller, L.C. (2011).  Are men and women really that different? Examining some of Sexual Strategies Theory (SST)’s key assumptions about sex-distinct mating mechanisms.  *Sex Roles*, pp. 1-15-15.
2. Miller, L. C., Marsella, S., Dey, T., Appleby, P. R., Christensen, J. L., Klatt, J., & Read, S. J. (2011). Socially Optimized Learning in Virtual Environments (SOLVE) . In Mei Si and David Thue (Eds.). *Springer Lecture Notes in Computer Science (*[*LNCS*](http://www.springer.com/lncs)*) “Interactive Storytelling” series*. Springer-Verlag, Berlin Heidelberg.
3. Read, S.J., & Miller, L. C. (2012). Sources of constraint on network equilibrium. *European Journal of Personality, 26(4)*, 442–444. DOI:1010052-924844
4. Miller, L.C., Christensen, J. L., Pedersen, W.C., Putcha-Bhagavatula, A., Appleby, P.R. (2013). Attachment Fertility Theory: Complex Systems of Mechanisms Simplify Sex, Mating, and Sexual Risks. *Psychological Inquiry: An International Journal for the Advancement of Psychological Theory*, 24, 3, 211-220.
5. Christensen, J.L., Miller, L.C., Appleby, P.R., Corsbie-Massay, C., Godoy, C. G., Marsella, S.C., Read, S.J. (2013). Reducing shame in a game that predicts HIV risk reduction for young adult MSM: A randomized trial delivered nationally over the web.

***Journal of the International AIDS Society*. 16, S2, pp. 1-8.**

1. Godoy, C., Miller, L., Corsbie-Massay, C, Christensen, J. L., Appleby, P., Read, SJ., Si, M. (2013). Virtual Validity: mHealth Simulation Games, Diagnostic Indicators, and Behavior Change. ***Journal of Mobile Technology in Medicine***, V2, 45, 17. DOI:10.7309/jmtm.2.45.14.
2. Zachary, W., Rosoff, A., Miller, L., & Read, S. (2013). Context as a Cognitive Process: An Integrative Framework for Supporting Decision Making. ***Semantic Technologies for Intelligence, Defense, and Security (STIDS) Proceedings***, pp. 48-55. <http://ceur-ws.org/Vol-1097/STIDS2013_T07_ZacharyEtAl.pdf>
3. Appleby, P.R., Tacto, C.O., Fuentes, M.E.,  Anderson, A.N.,  Miller, L. C., &

Read S. J. (2013). Conducting an online HIV prevention 3D game intervention for YMSM: Overcoming recruitment, enrollment and retention challenges. ***Annals of Behavioral Medicine, 45*** (Supplement), s19.

1. Godoy, C., Miller, L.C., Corsbie-Massay, C., Rolph, M., Zhoa, N., Christensen, J., Appleby, P.R., Read, S.J., Si, M. (2013, March). Streaming Culturally Tailored Interactive HIV Prevention Interventions for Black and Latino High-Risk MSM. ***Annals of Behavioral Medicine, 45*** *(Supplement****)***, s2.
2. Park, M., Andersen, J. N., Christensen, J. L., Miller, L.C., Appleby, P. R. , & Read,S.J. (2014). Young men’s shame about their desire for other men predicts risky sex and moderates the knowledge-self-efficacy link. ***Frontiers in Public Health***, doi: 10.3389
3. Zachary, W., Rosoff, A., Thomas, T., Iordanov, V., Read, S., & Miller, L (2015).

***Proceedings of 6th International Conference on Applied Human Factors and Ergonomics.***NY: Elsevier.

**Books**

Read, S.J. & Miller, L.C. (1998). ***Connectionist models of social reasoning and social behavior.*** Mahwah, NJ.: Erlbaum.

**Edited Chapters**

1. Miller, L.C., & Berg, J. H. (1984). Selectivity and urgency in interpersonal exchange. In V. Derlega (Ed.) ***Communication, Intimacy, and Close Relationships****.* New York: Academic Press.

2. Miller, L.C., & Read, S. J. (1987). Why am I telling you this? Self-disclosure in a goal-based model of personality. In V.Derlega & J. Berg (Eds.). ***Self-disclosure: Theory, Research, and Therapy,*** (pp. 35-58). New York: Plenum.

3. Read, S. J., & Miller, L.C. (1989). The importance of goals in personality: Toward a coherent model of persons. In R.S. Wyer, Jr., & T.K. Srull (Eds.), ***Advances in social cognition, Volume 2: Social intelligence and cognitive assessments of personality.*** Hillsdale, N.J.: Erlbaum.

4. Read, S.J., & Miller, L.C. (1989). Inter-personalism: Toward a goal-based model of persons in relationships. In L. Pervin (Ed.) ***Goal Concepts in Personality and Social Psychology.*** Hillsdale, N.J.: Erlbaum.

5. Miller, L.C., & Read, S.J. (1991). A knowledge-structure approach to relationships. In G. Fletcher, & F. Fincham (Eds.), ***Cognition in close relationships.*** Hillsdale, N.J.: Erlbaum.

6. Miller, L.C., & Read, S. J. (1991). Inter-personalism: Understanding persons in relationships. In W. Jones & D. Perlman (Eds.). ***Advances in Personal Relationships, Vol 2***. London: Kingsley.

7. Miller, L.C., Bettencourt, A., DeBro,S., & Hoffman, V. (1993). Negotiating Safer Sex: Interpersonal Dynamics. In J. Pryor and G. Reeder (Eds.). ***The Social Psychology of HIV Infection.***  Hillsdale, N.J.: Erlbaum.

8. Miller, L.C., Cody, M.J. , & McLaughlin, M. L.(1994). Situations and goals as fundamental constructs in interpersonal communication research. In M.L Knapp and G.R. Miller (Eds.), ***Handbook of interpersonal communication****.*  Thousand Oaks, CA: Sage.

9. Read, S. J., & Miller, L. C. (1994). Dissonance and balance in belief systems: The promise of parallel constraint satisfaction processes and connectionist modeling approaches. In R. C. Schank & E. J. Langer (Ed.) ***Beliefs, reasoning and decision making: Psycho-logic in honor of Bob Abelson.*** Hillsdale, NJ: Lawrence Erlbaum.

10. Miller, L.C., Rothspan, S. & Burns, D. (1995). Negotiating Safer Sex: The Dynamics of African-American Relationships. In P. J. Kalbfleisch & M. J. Cody (Eds.), ***Gender, power, and communication in human relationships.*** Hillsdale, NJ: Erlbaum.

11. Read, S. J., & Miller, L.C. (1995). Stories are fundamental to meaning and memory: For social creatures could it be otherwise? In R.S. Wyer, Jr., & T.K. Srull (Eds.), ***Advances in social cognition, Volume 8: Knowledge and Memory: The Real Story (Schank & Abelson).*** Hillsdale, N.J.: Erlbaum.

12. Miller, L.C. & Fishkin, S. A. (1997). On the dynamics of human bonding and reproductive success: Seeking a "window" on the "adapted-for" human-environment interface. In J. Simpson & D. Kenrick (Eds.), ***Evolutionary Social Psychology***. Mahwah, NJ: Erlbaum.

13. Read, S.J. & Miller, L.C. (1998). On the dynamic construction of meaning: An interactive activation and competition model of social perception. In S.J. Read & L.C. Miller (Eds.). ***Connectionist models of social reasoning and social behavior.*** Mahwah, NJ.: Erlbaum.

14. Mendel, J. M., Murphy, S., Miller, L.C., Martin, M., & Karnik, N. (1999). The Fuzzy Logic Advisor for Social Judgments. In L. A. Zadeh and J. Kacprzyk (Eds.). ***Computing With Words in Information/Intelligent Systems*** , Physica-Verlag, pp. 459-483.

15. Read, S. J., & Miller, L. C. (2005). Explanatory coherence and goal-based knowledge structures in making dispositional inferences. In B. Malle & S. Hodges.***Other minds: How humans bridge the divide between self and others****.* New York: Guilford Press, pp. 124-142.

16. Miller, L. C., & Read, S. J. (2006). Virtual Sex: Creating Environments for Reducing Risky Sex. In S. Cohen, K. Portnoy, D. Rehberger, & C. Thorsen (Eds.). ***Virtual decisions: Digital simulations for teaching reasoning in the social sciences and humanities****.* Mahway, N.J.: Lawrence Erlbaum.

17. Appleby, P.R., Godoy, C., Miller, L.C., & Read, S. J. (2008). Increasing healthy behavior through the use of interactive video technology. In T. Edgar, S. M. Noar, V.S. Freimuth (Eds.). ***Communication perspectives for HIV/AIDS in the 21st century***. Mahwah, NJ: Lawrence Erlbaum Associates.

18. Miller, L.C., Christensen, J. L., Godoy, C.G., Appleby, P. R., Corsbie-Massay, C., & Read, S. J. (2009). Reducing risky sexual decision-making in the virtual and in the real-world: Serious games, intelligent agents, and a SOLVE Approach. In U.Ritterfeld, M. Cody, P. Vorderer (Eds**.) *Serious Games: Mechanisms and Effects****.* Routledge/LEA Press.

19. Miller, L. C., Read, S. J., Zachary, W., Rosoff, A. (2010). In S. –K. Chai, J. J.

Salerno, and P. L. Mabry (Eds). *Advances in Social Computing*. Third International Conference on Social Computing, Behavioral Modeling, and Prediction, SBP2010. (pp. 298-305). Lecture Notes in Computer Science, Springer-Verlag, Berlin Heidelberg, LNCS 6007.

20. Zachary, W., Miller, L. C., Read, S. J., Santarelli, T. (2010). Narrative structure as a

cultural variable in modeling and training decision making. In D. Schmorrow &  D. Nicholson (Eds.) ***Advances in Cross-Cultural Decision Making*** (AHFE 2010). Taylor and Francis.

21. Miller, L.C., Appleby, P. R., Christensen, J. L., Godoy, C., Si, M., Corsbie-Massay, C., Read, S. J., Marsella, S., Anderson, A. N., & Klatt, J. (2012)

Virtual Interactive Interventions for Reducing Risky Sex: Adaptations, Integrations, and Innovations. In S. M. Noar, & N.G. Harrington (Eds.). *eHealth applications: Promising strategies for behavior change*. New York: Routledge.

22. Miller, L.C., & Christensen, J.L. (2014). HIV/AIDS Prevention. In T. L. Thompson (Ed.). *Encyclopedia of Health Communication (pp 659-661). Thousand Oaks, CA:* Sage. ISBN: 9781452258751.

**Conference Papers from 2006 to the present**

Appleby, P.R., Godoy, C.G, Miller, L.C., & Read, S.J. (2006). TV Spaces and Trade Offs: The Boundaries of Homogeneity in Homo-Erotic Encounters. Panel discussion presented at the International Communication Association Conference, Dresden, Germany.

Christensen, J. L., Appleby, P. R., & Godoy, C. G. (June, 2006). “Towards a Coherence of Multiple Identities.” Creating Safe Gay and Bisexual Media Spaces for Men. International Communication Association. Panel Session. Dresden,

Germany.

Godoy, C. G., Christensen, J. L., & Appleby, P. R. (June, 2006). “Future Directions: Improving Gay and Bisexual Male Identities Through Media.” Creating Safe Gay and Bisexual Media Spaces for Men. International Communication Association. Panel Session. Dresden, Germany.

Godoy, C., Appleby, P.R., Miller, L.C. & Read, S.J.(2006) Interactive video (IAV) as an unobtrusive measure of high risk taking among MSM populations uncomfortable with direct discussions of their sexual behavior. Poster presented at the XVI International AIDS Conference, Toronto, Canada.

Miller, L. C., Appleby, P. R., & Read, S. J. (2006). *From Theory to Prototype to Present*. In L. C. Miller (Chair). *Creating “Safe” Gay and Bisexual Media Spaces for Men.* Symposium at the Annual meeting of the International Communication Association, Dresden, Germany.

Miller, L.C. Virtual Pleasures and Pains: The Interdisciplinary Opportunities and Threats Before Us. Presentation in S. J. Read & L. C. Miller (Chairs). *Computational Social Psychology: Constructing Socially Intelligent Agents to develop and test theory in Personality and Social Psychology.* Symposium at the annual meeting of the Society of Experimental Social Psychology, Philadelphia, PA.

Miller, L.C. & Marsella, S. (May, 2006). Virtual Interactive Narratives: New Health Communication Interventions for Reducing Risky (sexual) Choices. Games for Health Conference Presenter, Davidson Conference Center. (Annenberg Sponsored).

Read, S. J., Miller, L. C., & Zachary, W. (October, 2006). *Creating an Intelligent Agent*

*with a Realistic Personality.* Presentation in S. J. Read & L. C. Miller (Chairs). *Computational Social Psychology: Constructing Socially Intelligent Agents to develop and test theory in Personality and Social Psychology.* Symposium at the annual meeting of the Society of Experimental Social Psychology, Philadelphia, PA.

Read, S. J., Miller, L. C., Rosoff, A, Eilbert, J., Iordanov, V., Le Mentec, J-C., Zachary, W. (2006). Integrating Emotional Dynamics into the PAC Cognitive Architecture. *Proceedings of the Annual Conference on Behavioral Representation in Modeling and Simulation*, Baltimore, MD. Top five (of the conference) paper award.

Read, S.J., Miller, L. C., Monroe, B., Brownstein, A., Zachary, W., LeMentec, J. C., & Iordanov, V. (2006) A Neurobiologically Inspired Model of Personality. In J. Gratch et al. (Eds.), *Proceedings of* *Intelligent Virtual Agents 2006 (IVA 2006),* Lecture Notes in Artificial Intelligence, 4133. Berlin: Springer-Verlag.

Christensen, J. L., Miller, L. C., Appleby, P. R., Corsbie-Massay, C., Godoy, C. G., Read, S. J. (May, 2007). Negative Affect Encoding Following Sexually Risky Decision-Making: Impact on Subsequent Sexual Risk-Taking Among Young MSM. International Communication Association. San Francisco, CA.

Christensen, J. L., Miller, L. C., Godoy, C. G., Appleby, P. R., Corsbie-Massay, C., Read, S. J. (May, 2007). Using Virtual Environments to Reduce Real-Life Sexual Risk-Taking: The Impact of Interactivity and Negative Affect. Annenberg Workshop on Games for Learning, Development, & Change. Annenberg School for Communication. University of Southern California. Los Angeles, CA.

Godoy, C. G., Appleby, P. R., Christensen, J. L., Miller, L. C., & Read, S. J. (May, 2007). Measuring Risk-Taking in Virtual Environments: A New Method for Predicting Past and Future Real-Life Risk-Taking Behavior. Annenberg Workshop on Games for Learning, Development, & Change. Annenberg School for Communication. University of Southern California. Los Angeles, CA.

Godoy, C., Appleby, P.R., Christensen, J., Miller, L.C., and Read, S. (2007). Using Virtual Environment to Unobtrusively Predict Past & Future Risk Taking. International Communication Association, San Francisco, U.S.A.

Godoy, C., Appleby, P.R., Miller, L.C., & Read, S.J. (2007) Adult attachment and high risk sexual behavior among MSM. Association for Psychological Science, Washington, D.C., U.S.A.

Miller, L.C. (August, 2007) Virtual Worlds: Their Potential for Personalizing Change   
in Risky Decision-making. In Conference entitled, *Emotion, Decision-Making, & the Brain*. Davidson Conference Center, USC, Los Angeles. Sponsored by USC.

Read, S. J., Monroe, B., Brownstein, A., Yang, Y., Chopra, G., & Miller, L. C. (2007, January). *A neural network model of the structure and dynamics of human personality.* Poster presented at the annual meeting of the Society for Personality and Social Psychology, Memphis, Tennessee.

Read, S. J., Miller, L. C., Kostygina, A., Chopra, G., Christensen, J. L., Corsbie-Massay, C., Zachary, W., LeMentec, J., Iordanof, V., Rosoff, A. (September, 2007). The Personality-enabled Architecture for Cognition (PAC). International Conference on Affective Computing and Intelligent Interaction. Lisbon, Portugal.

Christensen, J. L., Miller, L. C., Appleby, P. R., Corsbie-Massay, C., Godoy, C. G., Read, S. J. (Presented February, 2008). When It’s Good to Feel Bad: How Responses to Virtual Environments Predict Real-Life Risk-Taking. Society for Personality and Social Psychology. Albuquerque, NM.

Godoy, C. G., Appleby, P. R., Miller, L. C., Christensen, J. L., Read, S. J., Corsbie-Massay, C. (January, 2008). Been There, Done That: Virtual Risk Taking and the Theory of Planned Behavior. Society of Behavioral Medicine Annual Meeting. San Diego, CA.

Godoy, C. G., Christensen, J. L., Miller, L. C., Appleby, P. R., Corsbie-Massay, C., Read, S. J. (January, 2008). Guilty Pleasures: Using Virtual Environments to Reduce Sexual Risk-Taking. Society of Behavioral Medicine Annual Meeting. San Diego, CA.

Godoy, C. G., Christensen, J. L., Miller, L. C., Talevich, J., Appleby, P. R., Corsbie-Massay, C., & Read, S. J. (October, 2008). Inside Outside: The relationship between immersive tendencies and sense of presence in changing risky behavior via serious games. Poster presented at Meaningful Play 2008. East Lancing, MI.

Godoy, C., Miller, L.C., Appleby, P. R., Christensen, J., Read, S. J. (April, 2008). Been there done that: Virtual risk-taking and the theory of planned behavior. University of Southern California. *Kentucky Conference on Health Communication*. University of Kentucky.

Miller, L. C., Read, S. J. & Yang, Y. (2008, July). Situations: Carving nature at her joints. Talk presented at the 14th European Conference on Personality, Tartu, Estonia.

Yang, Y., Read, S. J., & Miller, L. C. (2008, February). The functional perspective on situations: A grand theory and some limited empiricism. Talk presented at the annual meeting of the Society for Personality and Social Psychology**,** Albuquerque, New Mexico.

Christensen, J. L., Appleby, P. R., \*Ananias, D. K., Miller, L. C., Corsbie-Massay, C., & Read, S. J. (February, 2009). Expecting the Worst: The Link Between Risky Decision-Making and the Perceived Probability of Feared Future Selves. Poster presented at the 10th annual meeting of the Society for Personality and Social Psychology. Tampa, FL.

Christensen, J. L., Miller, L. C., Appleby, P. R., Read, S. J., & Corsbie-Massay, C. (November, 2009). Using virtual environments to tailor persuasive appeals: The role of gains and losses given prior decisions to seek or avoid risk. Paper accepted for presentation at the annual meeting of the Society for Judgment and Decision-Making. Boston, MA.

Miller, L. C., Read, S.J., Appleby, P. R., Christensen, J. L., Corsbie-Massay, C., & Godoy, C. (2009). Socially Optimized Learning in Virtual Environments (SOLVE): Technology-enabling test-beds for theory, intervention application and dissemination…and back again. Talk presented as part of a panel session entitled, Lewin’s Legacy: Social Psychologists can make a difference, “if the theorist does not look towards applied problems with high-brow aversion” (Stephen Read and Lynn Miller, Chairs) at the 10th annual meeting of the Society for Personality and Social Psychology. Tampa, FL.

Appleby, P. R., Miller, L. C., & Christensen, J. L. (June, 2010). *A SOLVE prevention intervention using interactive video: Evidence of immediate enhancement of MSM’s condom use and methamphetamine avoidance intentions, beliefs, and self-efficacy*. Paper presented at the 18th annual meeting of the Society for Prevention Research. Denver, CO.

Appleby, P. R., Anderson, A. N., Christensen, J. L., Miller, L. C., & Read, S. J. (April, 2010). Relationship interdependency: Predicting protection for MSM in primary relationships. Paper submitted for presentation at the annual meeting of the Society of Behavioral Medicine. Seattle, WA.

 Appleby, P. R., Briano, M., Christensen, J. L., Anderson, A. N., Storholm, E. D., Ananias, D. K., Miller, L. C., & Ayala, A. (April, 2010). The disparate roles of ethnicity and sexual orientation in predicting methamphetamine use and related beliefs and behaviors among MSM. Paper submitted for presentation at the annual meeting of the Society of Behavioral Medicine. Seattle, WA.

Christensen, J. L., \*Sanford, C. P., Miller, L. C., Appleby, P. R., & Read, S. J. (April, 2010). Negotiate condoms now or delay: What virtual self-regulatory choices in the present may tell us about self-efficacy and sexual risk-taking in the past. Paper submitted for presentation at the annual meeting of the Society of Behavioral Medicine. Seattle, WA.

 Christensen, J. L., \*Sanford, C. P., Miller, L. C., Appleby, P. R., & Read, S. J. (April, 2010). Across ethnicities, condom negotiation may be easier on-line than off. Paper submitted for presentation at the annual meeting of the Society of Behavioral Medicine. Seattle, WA.

Christensen, J. L., \*Wiswell, A. S., Appleby, P. R., Miller, L. C., & Read, S. J. (January, 2010). Optimizing interactive persuasive communications: How perceptions of the message source relate to HIV risk-reduction. Poster accepted for presentation at the 11th annual meeting of the Society for Personality and Social Psychology. Las Vegas, NV.

Christensen, J. L., Miller, L. C., & Appleby, P. R. June, 2010). *What’s to be ashamed? Reducing self-conscious negative affect predicts future decreases in sexual risk-taking.* Paper presented at the 18th annual meeting of the Society for Prevention Research. Denver, CO.

Godoy, C., Corsbie-Massay, C., Miller, L.C., Rolph, M, Michaelson, D., Rotondo, A., Rosario, J., Shin, B. (2010). Tricks of the trade: online sex and lessons from the field on recruitment and retention of hidden populations. Paper presented at the Kentucky Health Communication Conference, Lexington, Kentucky.

 Hunger, J. M., Appleby, P. R., Christensen, J. L., Miller, L. C., & Read, S. J. (To be presented January, 2010). Culture, Social Support, and Sexual Risk. Poster accepted for presentation at the 11th annual meeting of the Society for Personality and Social Psychology. Las Vegas, NV.

  Miller, L. C., Christensen, J. L., Appleby, P. R., Read, S. J., & Corsbie-Massay, C. (June, 2010). *Results of a SOLVE-IAV efficacy trial: Evidence of reduction in insertive and receptive UAI over 3-months for younger (18-24) but not older (25-30) MSM compared to a wait-list control group.* Presentation at the 18th annual meeting of the Society for Prevention Research. Denver, CO.

Miller, L.C., Christensen, J.C., Appleby, P.R., Corsbie-Massay, C, Godoy, C., Read, S. J. (April, 2010). *Intelligent agents, computational models, and serious games: Tools for changing (and understanding the complexity in) risky behavior*. Kentucky Conference on Health Communication, Lexington, KY

Miller, L. C., Appleby, P. R., Christensen, J. L., Mei, S., Marsella, S., Corsbie-Massay, C., & Read, S. J. (August, 2010).  Reducing HIV risk nationally for young men who have sex with men: Developing SOLVE-It (Socially Optimized Learning in Virtual Environments Using Intelligent/Gaming Technologies). Paper presented at the National Conference on Health Communication, Marketing, and Media. Atlanta, GA.

Read, S. J., Monroe, B. M., Brownstein, A. L., Yang, Y., Chopra, G., & Miller, L. C. (2010). *A neural network model of motivational structure and dynamics.* Poster presented at The 3rd Annual Meeting of the Society for the Study of Motivation (SSM) May 27, 2010, Boston, MA.

Wiswell, A. S., Christensen, J. L., Miller, L. C., Appleby, P. R., & Read, S. J.  (April, 2010).  Demographic and negative affective predictors of attrition in a longitudinal HIV-prevention intervention.  Paper accepted for presentation at the annual meeting of the Society of Behavioral Medicine.  Seattle, WA. (first two authors are students; recipient of a meritorious student award).

Appleby, P.R., Christensen, J.L., Miller, L.C., Read, S.J., & Anderson, A.N. (April, 2011) Developing tailored interventions in 3D games to reduce methamphetamine and HIV risk behavior. Poster presented at the Society of Behavioral Medicine, Washington, D.C.

Corsbie-Massay, C., Miller, L. C., Appleby, P. R., Godoy, C. G., Christensen, J. L., & Read, S. J.  (2011, May).  The interaction of ethnic and gay identity for Black and Latino MSM.  Paper presented at the Annual Conference of the International Communication Association.  Boston, MA.

Miller, L.C., Appleby, P.R., Christensen, J. L., Marsella, S., Si, Mei, Read, S. J., & Anderson, A. N. (August, 2011). SOLVE It: An Interactive Nationwide Web-Deliverable Game for Changing Risky Sexual Behavior Among YMSM.  Presented at the annual meeting of the National Conference on Health Communication, Marketing, and Media, Atlanta, Georgia.

Miller, L. C., Marsella, S., Dey, T., Appleby, P. R., Christensen, J. L., Klatt, J., & Read, S. J. (November 28, 2011). Socially Optimized Learning in Virtual Environments (SOLVE) . The fourth international conference on interactive digital storytelling. Vancouver, Canada. Finalist for Top Paper Award.

Read, S. J.,  & Miller, L. C.  (November, 2011). *Computational models of personality with applications to the control of unmanned vehicles*. Talked presented at HRL in Malibu, CA.

Zhao, N., Christensen, J. L., Miller, L. C., Read, S. J., & Appleby, P. R. (August, 2011).  Anxiety, avoidance, and virtual dates: The role of attachment theory in reducing risky behavior among MSM.  Paper to be presented at the National Conference on Health Communication, Marketing, and Media.  Atlanta, GA.

Read, S. J., Monroe, B., Droutman, V., Chopra, G., & Miller, L.C., (January, 2012) A Neural Network Model of Motivation and Personality. Dynamical Systems and Computational Modeling in Social Psychology. Preconference: Society for Personality and Social Psychology.

Miller, L. C., Christensen, J. L., Appleby, P. R., Read, S. J., Godoy, C. G., & Corsbie-Massay, C., (2012, May). Socially Optimized Learning in Virtual Environments: RCT evaluating MSM HIV risk-reduction. Paper presented at the Annual Conference of the International Communication Association. Phoenix, AZ.

Miller, L. C. (May, 2012). The Social Context of Health Communication: Current Trends and Future Directions, International Communication Association, Chair of Session.

Miller, L.C. (October, 2012). SOLVE-IT: Demonstrating a New Game for Changing Risky Sexual Behavior. Society of Experimental Social Psychology, Austin, Texas.

Miller, L. C., Appleby, P. R., Anderson, A., Read, S. J., Christensen, J. L., Marsella, S.

(December, 2012) Socially Optimized Learning in Virtual Environments): A Web-Delivered HIV Prevention 3D Game Intervention for At-Risk YMSM, mHealth Summit Conference, Washington, D.C..

Miller, L.C., Godoy, C.G., Corsbie-Massay, C., Rolph, M., Zhoa, N.,

Christensen, J., Appleby, P.R., Read, S.J., & Mei, S. (2013) Streaming Culturally Tailored Interactive HIV Prevention Interventions for Black and Latino High Risk MSM. Society for Behavioral Medicine. San Francisco, CA.

Zachary, W., Rosoff, A., Miller, L., & Read, S. (2013). Context as a Cognitive Process. An Integrative Framework for Supporting Decision Making. Talk at the 8th International Conference on Semantic Technologies for Intelligence, Defense, and Security (STIDS). George Mason University, Fairfax, VA and Institute for Defense Analyses, Alexandria, VA.

Godoy, C., Miller, L., Corsbie-Massay, C, Christensen, J. L., Appleby, P., Read, SJ., Si, M. (2013). Virtual Validity: mHealth Simulation Games, Diagnostic Indicators, and Behavior Change. Poster Presented at the annual meeting of the mhealth Summit Conference, Washington, DC.

Miller, L. C., Christensen, J. L., Appleby, P. R., Corsbie-Massay, C., Godoy, C.G., Marsella, S.C., & Read, S. J. (December, 2013) Can a game reduce shame? Does that predict risk-reduction for young MSM? A randomized trial delivered nationally over the web. mHealth Summit Conference, Washington, D.C..

Appleby, P.R., Tacto, C.O., Fuentes, M.E.,  Anderson, A.N.,  Miller, L. C., &

Read S. J. (2013). Conducting an online HIV prevention 3D game intervention for YMSM: Overcoming recruitment, enrollment and retention challenges. Poster at the Annual Conference of the Society of Behavioral Medicine, San Francisco,, CA.

Godoy, C., Miller, L.C., Corsbie-Massay, C., Rolph, M., Zhoa, N., Christensen, J., Appleby, P.R., Read, S.J., Si, M. (2013, March). Streaming Culturally Tailored Interactive HIV Prevention Interventions for Black and Latino High-Risk MSM. Poster at the Annual Conference of the Society of Behavioral Medicine, San Francisco,, CA.

Miller, L.C. (November, 2013). *Interpersonal Communication: “Fund”amental to 30 Years of Continuous Extramural Funding (over $16M)*. Presentation in Symposium (J. Monahan Chair) entitled, *Interpersonal is “Fund”amental: Strategies for Attracting Agencies to Fund Research on Interpersonal Communication*. 99th Annual Convention of the National Communication Association, Washington, DC.

Miller, L. C.,, Christensen, J. L., Appleby, P. R., Read, S. J., Marsella, S. C., Corsbie-Massay, C., Godoy, C.G., Sei, M. Anderson, J., Jeong, D., & Park, M. (January 23, 2014). Socially Optimized Learning in Virtual Environments (SOLVE): Developing, Evaluating, and Disseminating Game HIV Prevention Interventions Nationally Over the Web. At a conference entitled, *Innovative Use of Technology for HIV Prevention and Care: Evidence, Challenges, and the Way Forward. Funded by CHIPTS, UCLA AIDS Insittute, CFAR, UCLA.*

Jeong, D., Miller, L.C., Christensen, J., Appleby, P. R., Read, S. J. (May, 2014). Shame Predicts Sexual Risk-taking among MSM*. International Communication Association*. 64th annual conference, Seattle, Washington.

Corsbie-Massay, C. L., Christensen, J. L., Godoy, C. G., Miller, L. C., Appleby, P. R., Read, S. J. (May, 2014). *Health Communication and the Digital Divide: The Role of Display Resolution on eHelath Intervention Effectiveness.* In Preconference: Communication and “The Good Life” around the World After Two Decades of the Digital Divide, Intenational Communication Association, Seattle Washington.

Read, S. J., & Miller, L.C. (July, 2014). Virtual personalities: How they illuminate how who we are is really what we really want. Talk in Invited Symposium, 17th European Conference on Personality. University of Lausanne, Switzerland.

Miller, L.C. (November, 2014). How might we model within and between subject variability in sexual risk-taking over 6 months? Starting with a theoretical model (Attachment Fertility Theory). Computational Social Workshop. University of Arizona.

Miller, L. C., Christensen, J. L., Appleby, P. R., Corsbie-Massay, C., Godoy, C.G., Marsella, S.C., & Read, S. J. (December, 2014) *Six-month effects of a national web-delivered HIV prevention game for young MSM: The SOLVE-IT Randomized Controlled Trial*. Paper presented at the mHealth Summit Conference, Washington, D.C..

Borsai, A. M., Christensen J. L., Miller, L. C., Appleby, P R., Read, S. J. (November, 2014). *Character identification as a moderator of the relationship between perceived norms and sexual risk-reduction intentions and behavior: Findings from an eHealth Interactive Video Intervention.* Paper presented at the NCA 100th Annual Convention, Chicago, IL.

Smith, B., Xue, F, Barkley-Levenson, E., Droutman, V., Appleby, P. Godoy, C., Christensen, J., Read, L., and Miller, L. (February, 2015). *Simulated Sex and Alcohol Consumption Behavior from Within an fMRI Scanner Reflects Individual Differences in Real-Life Behavior.* Poster presented at SPSP, Long Beach, CA.

Zachary, W., Rosoff, A., Thomas, T., Iordanov, V., Read, S., & Miller, L. (July, 2015). Toward Computational, Embeddable, Cognitive Models of Context. Paper to be presented at the 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015), Caesars Palace, Las Vegas, USA. *Proceedings of AHFE 2015 Conference on Cognitive and Neuroergonomics.*

Read, S. J., & Miller, L.C. (March, 2015) *Virtual Personalities: A Neural Network Model of the Structure and Dynamics of Personality.* “Network and Functionalist Approaches to Understanding Basic Personality Phenomena”, for presentation at the inaugural International Convention of Psychological Science (ICPS), Beurs van Berlage, Amsterdam, The Netherlands.

**Annenberg Talks**

Miller, L. C. (2014). SOLVE-IT. Presentation in “Meet the Faculty” series (Peter Monge coordinating).

Miller, L. C. (2013). SOLVE-IT. Presentation in “Meet the Faculty” series (Peter Monge coordinating).

Miller, L. C. (February, 2012). SOLVE-IT. Presentation in “Meet the Faculty” series (Peter Monge coordinating).

**Book Reviews**

Miller, L.C. (1994). A Thin Bat's Squeak of Sexuality (Review of Sexuality by Susan Sprecher & Kathleen McKinney). ***Contemporary Psychology.***

Miller, L.C. (1993). Communicating about "Communicating" AIDS: Multiple Perspectives (Review of AIDS: A Communication Perspective by Edgar, T., Fitzpatrick, M.A., & Freimuth, V. S.). ***Contemporary Psychology, 38,*** 864-865***.***

**Articles and Interviews for Popular Press/Media**

**Interview for the web TV at the** Universidade Lusófona de Humanidades e Tecnologias, in Portugal (November, 2012)

**Invited Blog, (Miller, 2012). SOLVE-IT** at iMedicalApps (“the leading on-line publication for health professionals on mobile health and medical apps, with over 500k page views/month”).

**Productions**

**SOLVE-IT (2011).** Game with intelligent animated 3-D agents produced by interdisciplinary team for HIV prevention for MSM on NIMH grant to Lynn Miller (PI) and Co-PIs (Appleby, Marsella, Read).

**HIV prevention interactive videos** in two venues (internet, bar/club) for Caucasian, Latino, and African American MSM (2004). Interdisciplinary team products funded by NIAID grant to Lynn Miller, Stephen Read, & Robert Appleby.

**Gay men’s interactive video** (1996). Interdisciplinary team product (Directors: Kirk

Marcolina (MFA, USC Cinema) & Derth Adams (MFA, USC Cinema); Faculty Advisors: Lynn Miller (Annenberg), Stephen Read(Psychology), Sheila Murphy (Annenberg), Gary Goldsmith (Cinema), Gay and Lesbian Center, Los Angeles (off-campus)); early development funded by a grant to Lynn Miller (UARP); later final product funded by a grant from the Annenberg Center.

Description/goals: Goal of the video is to enhance “contextualized learning” of safer sex communicative strategies/behaviors in a simulated sexual/relationship encounter.

**African American Women's Hierarchical Message Videos** (1997)**.** (Directors: Kirk Marcolina (MFA, USC Cinema) & Derth Adams (MFA, USC Cinema); Faculty

Advisors: Lynn Miller and Sheila T. Murphy. Developed for ongoing CDC grant,

*Selling Safer Sex*.

**Technical Reports**

Miller, L.C. (2012) CHRP (State of California Grant) final technical report.

Miller, L. C. (2012). NIMH annual technical report.

Miller, L.C. (2013). NIMH annual technical report.

Miller, L.C. (2014). NIMH annual technical report.

Read, S. J., Miller (2012). NIDA annual technical report.

Read, S.J., Miller (2013). NIDA annual technical report.

Read, S.J., Miller (2014). NIDA annual technical report.

Miller, L.C. (2009). *Realistic Personalities for Virtual Environments.* Technical Report for NPRPST. Released by David L.Alderton, Director.

**Manuscripts under review or in preparation**

Appleby, P. R., Storholm, E. D., Christensen, J. L., Miller, L. C., & Ayala, A. (under review). Disconnecting to Connect: The paradox of methamphetamine use and high-risk sex among MSM.

Corsbiem-Massay, C., Appleby, P. R., Read, S.J., Miller, L.C., Christensen, J., & Godoy, C. (in preparation). *The intersection of gay and ethnic identity and their role in social support and reducing risk-behavior and social support*

Christensen, J. L., Miller, L. C., Read, S. J., Appleby, P. R., & Godoy, C. G. The Future Possible Selves of Men Who Have Sex With Men: A Qualitative Analysis.

Christensen, J. L., Miller, L. C., Appleby, P. R., Godoy, C. G., Corsbie-Massay, C., & Read, S. J. When It's Good to Feel Bad: How Affective Responses to Virtual Environments Predict Real-Life Risk-Reduction.

Christensen, J., Godoy, C., Miller, L.C., Appleby, P. R., Corsbie-Massay, C., Read, S. J. *Guilty Pleasures: How guilt following virtual sexual risk-taking predicts change in subsequent UAI.*

Christensen, J. L., Appleby, P. R., & Miller, L. C. (under review). Methamphetamine as a means to regulate sexual functioning among MSM.

Godoy, C., Appleby, P. R., Miller, L.C., Christensen, J., & Read, S. J. (in preparation). *Using Virtual Environment to Unobtrusively predict past and future risk taking*.

Godoy, C., Miller, L.C., Appleby, P. R., Christensen, J., Read, S. J. (in preparation). *Been there done that: Virtual Risk taking and the theory of planned behavior*

Miller, L.C., Christensen, J., Appleby, P. R., Read, S. J., Godoy, C., Corsbie-Massey, C. (in preparation). *Socially Optimized Learning in Virtual Environments (SOLVE):*

*Results of an RCT for Reducing Risky Sexual Decision-Making for MSM*

Miller, L.C., & Wilcox, R. (revision in preparation). Evolved Mechanisms Affording Pair-bonding Explain Diversity Too: Reanalyzing Schmitt et al.’s (2003) Cross-Cultural Data Using Modern Statistical Methods.

Miller, L.C., Pedersen, W. C., & Pucha-Bagavatula, A. (In revision). *Evolved Sex Differences in Mating Strategies? Smoke, Mirrors, and Leaps of Faith.*

Miller, L.C., Pedersen, W. C., Putcha-Bagavatula, A., & Read, S.J. (Revise and resubmit). Attachment Fertility Theory: When Fathers Matter, Homologous (Sex-Similar) Mechanisms Prevail.

Miller, L.C., Pedersen, W. C., Putcha-Bagavatula, A., & Read, S.J. (In preparation). Attachment Fertility Theory: Interwoven Design in an Embodied Evolutionary Dynamics

Monroe, B., Read, S. J., & Miller, L. C. (in preparation). *Mapping Personality Space: Uncovering the Structure of Personality Dynamics.*

**Regular Research Meetings**

•Stephen Read. Neural network modeling and neuroscience. (weekly to biweekly research meetings for NIDA grant related projects. Interested graduate students (typically 3-4), post-doctoral students (2), faculty (Read, Miller and others) attend).

•Lynn Miller. Social Optimized Learning in Virtual Environments (weekly research meetings for NIMH grant related projects and for working on research papers and new grants). Interested faculty (3-5), graduate students (2-3), undergraduates (2-3) and others (2) attend.

**Professional activities:**

Reviewing:

**Founding Editorial Board Member:**

*Neurobehavioral HIV Medicine (1 article)*

**Editorial Boards:**

*Annual Review of Personality and Social Psychology*

--sponsored by Division 8 of A.P.A. (1988-1995)

*Past Associate Editor: Journal of Research in Personality*

*Past Consulting Editor*: *Journal of Personality and Social Psychology- Personality Processes and Individual Differences*

*Past Consulting Editor: Personality and Social Psychology Review*

*Past Consulting Editor: Western Journal of Communication*

*Past Consulting Editor (past editorial board): Media Psychology*

**Ad hoc reviewer for:**

*Psychological Review (2 reviews in 2012)*

*Journal of Personality and Social Psychology*

*(social cognition; interpersonal sections)*

*Personality and Social Psychology Bulletin*

*Journal of Experimental Social Psychology (1 review in 2012)*

*Psychological Bulletin (1 review in 2012; one in 2013)*

*Journal of Research in Personality*

*Journal of Social and Personal Relationships*

*Communication Monographs*

*Journal of Communication*

*Human Communication Research (1 review 2012)*

*National Science Foundation (one ad hoc review in this period; also on a panel see above)*

*Personality and Social Psychology Review*

*Health Psychology*

*AIDS Education & Prevention*

*Psychological Inquiry (1 review in 2013)*

Membership:

National Communication Association

International Communication Association

International Network of Personal Relationships

American Psychological Association

Division 8 of A.P.A.

American Psychological Society (now Association for Psychological Science), Charter Member

Society of Experimental Social Psychology (1988-present)

Society for Personality and Social Psychology

**TEACHING**

Undergraduate courses taught (none in 2014): Communication and the Sexes; Communication Methods, AIDS, sex and communication: Honors seminar.

**Supervised 4 undergraduate students on SOLVE grant (fall, 2013) despite having course release due to unexpected absence/leave of Project Manager.**

Graduate courses taught (**bolded in 2014**): **Advanced Multivariate Methods and Statistics (Fall, 2014).** Health Communication: Prevention (with Meta-Analysis) (Spring, 2012)**,** Communication and AIDS: A Social Science Perspective; Interpersonal Communication; Graduate Pro-seminar: Current Advances in Communication Theory; Communication and Cognition, Grant Writing.

**Research Assistants Supervised 2012, 2013, 2014**

Janeane Anderson (2012-2014)

Mina Park (2012, 2013, 2014)

Jennifer Talavich (NIDA grant 2012)

David Jeong (2012-2014)

Katie Elder (2014)

**Students Supervised 2012, 2013, 2014, 2015**

Janeane Anderson (2012-2015)

Mina Park (2012-2013)

David Jeong (2012-2015)

Charisse Corsbie-Massay (2012)

Melina Sherman (2013)

Cathy Tan (2014-2015)

Ben Smith (2014-2015)

**Mentoring advanced graduate students and newer Ph.D.s (2012, 2013, 2014, 2015)**

•Carlos Godoy

•Jennifer Talavich

•Charisse Corsbie-Massay (now Assistant Professor in Communication at Syracuse University)

•John Christensen (now Assistant Professor in Communication, U. of Connecticut)