

Education

PhD	Systems Science, Portland State University (PSU), Portland, OR	2015
MS	Systems Science, Portland State University, PSU	2009
Graduate Certificate	Computer Modeling and Simulation, PSU	2007
Graduate Certificate	Computational Intelligence, PSU	2007
BFA	Painting, Maine College of Art, Portland, Maine	1995

Professional Experience

- 2007 - current Co-Director, Academic Autistic Spectrum Partnership In Research and Education
- Project coordination
 - Community Based Participatory Research
 - Grant writing
 - Quantitative, qualitative, and mixed methods research
 - Program development
 - Program evaluation
 - Document and IT management, information architecture, web development, software development
 - Training for academic and community audiences
 - Technical writing, graphic design, manuscript development, knowledge translation
 - Project and team management and facilitation
- 2013 - current Research Associate, Portland State University
- Project coordination
 - Data management, qualitative and quantitative analysis
 - Grant writing
 - Program evaluation
 - Technical communication, writing, editing
 - Transcription and captioning
- 2009 - current Web Developer
- Creation of web-based user interfaces to client specifications
 - Technical documentation and training
 - Project management
- 2009 - 2012 Senior Research Assistant, Oregon Health and Science University
- Data analysis, technical writing, and transcription
- 2009 - 2013 Steering Committee Member, University of Montana, Rural Institute
- Insure inclusion of Developmental Disabilities Communities
 - Measurement and research material adaptation and development
 - Data analysis

- Technical writing, graphic design, and training
- 2008 - 2009 Autism Issues Blogger, change.org
- Write articles for the general public on autism related topics, including news reporting, science reporting and editorial content
 - Network people to autism-related non-profits and political actions through the Internet
- 2006 - 2007 Graduate Assistant, Portland State University
- Web design / development
 - Information architecture
- 1995 - 2006 Intranet Specialist, XO Communications – Interactive Business Unit, Portland, OR
- Software and system design, development, and maintenance for internal information (intranet) systems, including templates, workflow systems, web and scripted utilities, high-level system architecture
Process analysis / evaluation
Creation and maintenance of documentation on computer / telecom systems and processes for end users, support staff, and engineers
Administration of internal information resources, LINUX / Apache web servers, content management / version control systems

Teaching Experience

Selected Invited Guest Lectures

- 2013, 2014 - Portland State University SW 510/610 Interdisciplinary Seminar on Research Methods in Social Determinants of Health - *Social, Political, and Ethical Considerations with Minority Representation in Knowledge Production*
- 2012, 2013 - Syracuse University Graduate Seminar on Disability and Health - *Systems Change and Partnering with Autistic Adults to Improve Healthcare*
- 2013 - Portland State University PSY 610 Community-based Participatory Research Methods - *Community Based Participatory Research*
- 2010 - 2013 - Oregon Health and Science University HIP 533 Community Based Research - *Community Based Participatory Research: Theory and Implementation*
- 2008 - Psychology 321: Portland State University - Research Methods in Psychology - Modeling and simulation methods for behavioral science.

Teaching Assistantships

- 2013, 2014 - SW 510/610 Interdisciplinary Seminar on Research Methods in Social Determinants of Health
- 2013 - CFS 492 Families and the State: Social Welfare Policy and Laws

Peer Reviewed Papers

Raymaker, D.M. (2016). *Intersections of critical systems thinking and community based participatory research*. Systemic Practice and Action Research. Published ahead of print April, 2016. DOI: 10.1007/s11213-016-9376-5

Raymaker, D.M. (2016) *Reflections of a community based participatory researcher from the intersection of disability advocacy, engineering, and the academy*. Action Research. Published ahead of print March, 2016. DOI: 10.1177/1476750316636669

Nicolaidis, C., **Raymaker, DM**, McDonald, K..E., Kapp, S., Weiner, M., Ashkenazy, E., Gerrity, M., Kripke, C., Platt, L., Baggs, A. (in review). *The Development and Evaluation of an Online Healthcare Toolkit for Autistic Adults and their Providers*. Journal of General Internal Medicine.

Raymaker, D.M., Nicolaidis, C., Boisclair, W.C. McDonald, K., Weiner, M., Kapp, S., Ashkenazy, E. (in review). *Community based participatory research methods in co-developing an accessible web site for end users on the autism spectrum.*" Human Computer Interaction.

Nicolaidis, C., **Raymaker, D.M.**, Ashkenazy, E. McDonald, K., Boisclair, W.C., Baggs, A.E.V., Kapp, S., Weiner, M., Dern, S. (2015). *"Respect the way I need to communicate with you": Healthcare experiences of adults on the autism spectrum*. Autism: The International Journal of Research and Practice. 19(7);824-831. DOI: 10.1177/1362361315576221.

Nicolaidis, C., Kripke, C.C., **Raymaker, D.M.** (2014). *Primary care for adults on the autism spectrum*. Medical Clinics of North America. 98;1169-1191.

Nicolaidis, C., **Raymaker, D.M.**, Katz, M., Oshwald, M., Goe, R., Leotti, S., Grantham, L., Plourde, E., Salomon, J. Hughes, L., Powers, L. (2015). *Participatory research to adapt measures of health and interpersonal violence for use by people with developmental disabilities*. Progress in Community Health Partnerships: Research, Education, and Action. 9(2);157-170.

Oschwald M.L., Leotti, S., **Raymaker, D.M.**, Katz,M, Goe, R, Harviston, M, Wallington, A, Howard, L, Beers, L, Nicolaidis, C, Robinson-Whelen, S., Hughes, R.B., Powers, L.E.; and the Partnering with People with Disabilities to Address Violence Consortium. (2014). *Development of an audio-computer assisted self-interview to investigate violence and health in the lives of people with developmental disabilities*. Disability and Health Journal. 7(3);292-301.

Raymaker, D.M., McDonald, K. (2013). *Paradigm shifts in disability and health: Towards more ethical public health research*. American Journal of Public Health: December 2013, Vol. 103, No. 12, pp. 2165-2173. Both authors contributed equally to this manuscript.

Nicolaidis, C., **Raymaker, D.M.**, McDonald, K., Dern, S., Boisclair, W.C., Ashkenazy, E., Baggs, A. (2013) Comparison of healthcare experiences in autistic and non-autistic adults: A cross-sectional online survey facilitated by an academic-community partnership. *Journal of General Internal Medicine*. 28(6);761-769.

Nicolaidis, C., Wahab, S., Trimble, J., Mejia, A., Mitchell, S.R., **Raymaker, D.M.**, Thomas, M.J., Timmons, V., Waters, A.S. (2013). The Interconnections Project: Development and evaluation of a community-based depression program for African-American violence survivors. *Journal of General Internal Medicine*. 28(4);530-538.

Wahab, S., Trimble, J., Mejia, A., Mitchell, S.R., Thomas, M.J., Timmons, V., Waters, A.S., **Raymaker, D.M.**, Nicolaidis, C. (2012) Motivational Interviewing at the intersections of depression and intimate partner violence among African American women. *Journal of Evidence Based Social Work*. 11(3), 291-303.

Nicolaidis, C., **Raymaker, D.M.**, McDonald, K., Dern, S., Ashkenazy, E., Boisclair, C., Robertson, S., Baggs, A. (2011) Collaboration strategies in non-traditional CBPR partnerships: lessons learned from an academic-community partnership with autistic self-advocates *Progress in Community Health Partnerships: Research Education and Action*. 011:5(2);143-150

Book Chapters

McDonald, K, **Raymaker, D.M.**, Gibbons, C . (forthcoming 2016). *A call to consciousness: Community psychology and disability*. In M. Bond, C. Keys, I. Serrano-Garcia (Eds.). *American Psychological Association Handbook of Community Psychology*. Washington, DC: American Psychological Association.

Nicolaidis, C., **Raymaker, D.M.** (2015). *Community based participatory research with communities defined by race, ethnicity, and disability: Translating theory to practice*. In Bradbury, Ed. *The SAGE Handbook of Action Research* (ch.16). SAGE.

Raymaker, D.M., Nicolaidis, C. (2013). *Participatory research with autistic communities: Shifting the system*. In Davidson, J., Orsini, M. (eds). *Worlds of Autism: Across the Spectrum of Neurological Difference* (ch.7). University of Minnesota Press.

Webinars and Workshops

McDonald, K., **Raymaker, D.M.** (2013). *Strategies for including adults with developmental disabilities in research*. Post-conference workshop. American Association for Intellectual and Developmental Disabilities Annual Meeting, Pittsburgh, PA.

McDonald, K., **Raymaker, D.M.** (2012) Ethical Issues in Developmental Disability Research. Webinar sponsored by American Association of Intellectual and Developmental Disabilities. Webinar retrieved from http://aaid.org/content_8657.cfm.

Presentations

Raymaker, D.M., Nicolaidis, C., Oschwald, M., Ashkenazy, E. *Inclusive Research at Portland State University*. Research Symposium. TASH Annual Meeting, Portland, OR.

Raymaker, D.M., Nicolaidis, C., Ashkenazy, E. *AASPIRE Healthcare Toolkit*. Paper presentation. TASH Annual Meeting, Portland, OR.

Raymaker, D.M., Nicolaidis, C., Ashkenazy, E., MacDonald, K.E. *Inclusive Research Workshop*. Wednesday workshop presentation. TASH Annual Meeting, Portland, OR.

Raymaker, D.M. (2014). *Relationships and Holism*. Invited speaker. Love and Autism Conference. San Diego, CA.

Raymaker, D.M. (2013). *Leveraging the dynamics of science, policy, and community for systems change*. Paper presentation. Society for Chaos Theory in Psychology and the Life Sciences Annual Meeting, Portland, OR.

Raymaker, D.M., McDonald, K., Stack, E. (2013). *Partnering with people with developmental disabilities to address violence: A community based participatory research project*. Paper presentation. American Association for Intellectual and Developmental Disabilities Annual Meeting, Pittsburgh, PA.

Raymaker, DM., Nicolaidis, C., Baggs, A., Boisclair, W.C., Kripke, C., Ashkenazy, E., McDonald, K., Erikson, K., Tedlow, M. (2012). Getting the Most out of Healthcare. Workshop. Autreat, Johnstown, PA.

Nicolaidis, C., **Raymaker, D.M.**, McDonald, K., Ashkenazy, E., Dern, S., Boisclair, W.C., Baggs, E., Delaney, R., Way, R. "Respect the way I need to communicate with you": Healthcare experiences of adults on the autistic spectrum. Oral abstract presentation. Annual Meeting of the Society for General Internal Medicine. Phoenix, AZ, May, 2011.

Raymaker, D.M., (2011, March) Nothing about us without us: partnering with autistic adults to improve healthcare. Paper presentation. Developmental Disabilities: Update for Health Professionals, San Fransisco, CA.

Nicolaidis, C, **Raymaker, D.M.**, (2011, March) Partnering with autistic adults to improve healthcare. Paper presentation. Psychiatry Grand Rounds, Oregon Health & Science University, Portland, OR.

Raymaker, D.M., McDonald, K., Perry, A., Patka, M., Kidney, C., Stack, E., Nicoladis, C. (2011). Including adults with intellectual and developmental disabilities in research: methods and ethics. Paper presentation. National Multicultural Conference & Summit, Seattle, WA. *all authors contributed equally to the presentation

Nicolaidis, C., **Raymaker, D.M.**, McDonald, K., Ashkenazy, E., Boisclair, C., Dern, S., Baggs, A., Delaney, R., Way, R. (2010). CBPR to improve the healthcare of autistic adults. Poster session. Family Medicine Education Consortium NE Region Meeting & Residency Fair, Hershey, PA.

Raymaker, D.M., Ashkenazy, E., & Nicolaidis, C. (2010) Community-based participatory research. Paper presentation. Family Medicine Education Consortium NE Region Meeting & Residency Fair, Hershey, PA.

Raymaker, D.M., & Nicolaidis, C. (2010). The dynamics of autistic-academic partnerships. Paper presentation. Critical Autism Studies Workshop, Ottawa, Canada.

Kidney, C., **Raymaker, D.M.**, McDonald, K., Boisclair, C., and Nicolaidis, C. (2010, June). Participation in online communities: exploring the impact of accessible communication. Paper presentation. Society for Disability Studies, Philadelphia, PA.

Nicolaidis, C., **Raymaker, D.M.** (2010, May). Strategies for effective collaborations with geographically-dispersed communities and people with disabilities. Paper presentation. Community Campus Partnerships for Health Annual Conference. Portland, OR.

Raymaker, D.M., & Ashkenazy, E. (2009, June). Uniquely speaking out: self advocacy for non-standard communicators. Paper presentation. Oregon Disability Megaconference, Portland, Oregon.

Raymaker, D.M. (2009, May). Augmentative and alternative communication. Paper presentation. Interagency Autism Coordinating Committee Full Committee Meeting, Washington, DC.

McDonald, K., **Raymaker, D.M.**, Robertson, S., & Nicolaidis, C. (2008, May). Participatory action research with disabled adults: advancing scientifically sound, socially relevant, ethical research. Paper presentation. American Association for Intellectual and Developmental Disabilities Annual Meeting, Washington, DC.

Raymaker, D.M. (2007, November). Student forum: Willamette valley students discussing their lives with autism. Panel. Embracing Diversity: Putting the Pieces together For a Deeper Understanding of Autism Spectrum Disorder. Corvallis, OR.

Raymaker, D.M. (2006, October) Guest lecturer, Evolving social motives in an iterated prisoner's dilemma using agent-based simulation, Systems Science Seminar, Portland State University, Portland, OR.

Venkat, K, Wakeland, W, **Raymaker, D.M.** (Raymaker was Presenter; 2006, July) An agent-based model of trade with distance-based transaction cost, 2006 Summer Simulation Multiconference, Society for Modeling and Simulation International, Calgary, Canada.

Research Funding

Pathways to Positive Futures - EASA Connections

Funding Agency: NIDILRR 90RT5030

Role: Project Coordinator. Melton (PI). 12/01/04-12/01/19

A developmental project to create and pilot test a series of peer-created and peer-led Internet-based resources for youth experiencing early psychosis.

Pregnancy and Support Services for Women with Developmental Disabilities

Funding Agency: National Institute of Health, Award Number 1R21HD078830

Role: Co-investigator. PI: Mary Oschwald. August 2014 to July 2016

Community-engaged qualitative project to understand and identify experiences related to pregnancy from women with intellectual disabilities and women on the autism spectrum, and to develop accessible informational health resources targeted toward the unique needs of the population.

Field Test of the Internet-based Safer and Stronger Program for Men With Disabilities

Funding Agency: National Institute on Disability Rehabilitation and Research, Award Number H133G130207

Role: Computer programmer. PI: Mary Oschwald. October 2013 to September 2016

The goal of this RCT is to field-test the internet-based Safer and Stronger Program for men with disabilities, an abuse-awareness program created by and for men with disabilities.

Community-Based Participatory Research to Improve the Healthcare of Autistic Adults.

Funding Agency: National Institute Of Mental Health, Award Number R34MH092503.

Role: Project Director and Co-Investigator. PI: Christina Nicolaidis. June 2011 to April 2015.

Series of studies, using a community-based participatory research approach, to develop and evaluate an interactive healthcare toolkit for adults on the autistic spectrum and their primary care providers.

Partnering with People with Developmental Disabilities to Address Violence.

Funding Agency: Centers for Disease Control and Prevention

Role: Steering Committee Member. PI: Rosemary Hughes. 2009 - 2012

Community Based Participatory Research study to investigate the relationship between violence, health, and disability for individuals with developmental disabilities.

Community-Based Participatory Research to Improve the Healthcare of Autistic Adults.

Funding Agency: Oregon Clinical and Translational Research Institute (NIH-Funded CTSA).

Role: Project Manager and Co-Investigator. PI: Christina Nicolaidis. June 2009 to May 2010.

Mixed methods study, using a community-based participatory research approach, to compare the healthcare of autistic adults, adults with disabilities, and adults without disabilities, and to explore ways to improve healthcare for autistic adults.

Participatory Research to Improve the Health of Autistic Adults: Considering the Online Community.

Funding Agency: Portland State University Faculty Enhancement Grants.

Role: Co-Investigator. PI: Katherine McDonald. June 2008 - June 2009.

Participatory action research study to better understand the online autistic community, including demographic characteristics, sense of community, identity and well-being.

CBPR to Improve Depression Care for African-American Domestic Violence Survivors.

Funding agency: National Institute of Mental Health; 1R21MH082139-01.

Role: Data Analyst. June 2008-June 2010.

Community-based participatory research project to develop community-based depression care program for African-American domestic violence survivors.

Awards

Student Award - American Association of Intellectual and Developmental Disabilities (AAIDD)	2014
Progress Toward Novel Federal Funding - OCTRI	2010

Advocacy and Policy

2009 - current	Healthcare Subcommittee Member, Oregon Commission on Autism Spectrum Disorder
2011 - 2013	Member, The Autistic Self Advocacy Network
2009 - 2011	Full Member, Oregon Commission on Autism Spectrum Disorder
2008 - 2011	Board of Directors, the Autistic Self-Advocacy Network
2008 - 2013	Member, Oregon Self Advocacy Coalition (formerly Self Advocates As Leaders)
2007 - 2009	Member at Large, Board of Directors, Portland Asperger's Network

Conferences Attended

TASH	2015
Love and Autism	2014
Society for Chaos Theory in Psychology and the Life Sciences	2013
American Association on Intellectual and Developmental Disabilities	2013
Autreat	2012
10th Annual Developmental Disabilities: An Update for Health Professionals	2011
National Multicultural Conference & Summit	2011
Family Medicine Education Consortium NE Region Meeting & Residency Fair	2010
Critical Autism Studies Workshop	2010
Community-Campus Partnerships for Health	2010
Oregon Disability Megaconference	2009
American Association on Intellectual and Developmental Disabilities	2008
All Born "In" Conference	2008
Embracing Diversity: Putting the Pieces together For a Deeper Understanding	

of Autism Spectrum Disorder	2007
NW Health Foundation 3rd Annual CBPR Conference	2007
Summer Simulation Multiconference	2006
Society for Technical Communications Region 4 Conference	2004