

Jonathan P. DeShazo, Ph.D., M.P.H. Assistant Professor

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Education

University of Washington

Ph.D., Biomedical and Health Informatics
M.P.H., Health Care and Population Health Research

Faculty Bio

Jonathan DeShazo, Ph.D., has expertise in the area of health informatics. His education and experience include over ten years of information systems in industry, five years of nursing, and graduate training in biomedical informatics and health services. His Ph.D. training and industry experience equip him with the tools and methodological framework needed to investigate emerging technologies; while his health services training brings a rich contextual domain to his research. Dr. DeShazo's recent research activities include: effectiveness research for health services interventions, formalizing patient preferences into electronic health records, 'healthy' video games, extracting health concepts from free texts such as discharge summaries, and cross-institutional clinical data mining.

Publications

Jonathan DeShazo, Jason Doctor. *What's in a number? A meta-data representation of health utility elicitations*. Presented at the National Library of Medicine Annual Biomedical Informatics Trainee Meeting. (2006)

Jonathan DeShazo, Bryant Karras. *An Automated Surveillance and Analysis Tool for Online STI/HIV Behaviors* Annual Proc. AMIA, 2007

DeShazo JP, Turner AM. *Hands-on NLP: An interactive and user-centered system to classify discharge summaries for obesity and related co-morbidities*. Workshop on Challenges in Natural Language Processing for Clinical Data. Washington DC(Nov 2008)

Jonathan DeShazo, LaVallie D, Wolf FM. Publication Trends in the Medical Informatics Literature. 20 Years of "Medical Informatics" in MeSH. BMC Medical Informatics and Decision Making, 2009, 9:7

Harris L, **DeShazo JP**, Pratt W,. " Diabetes and Obesity: Can Video Games Help?" . Health Informatics: A patient centered approach to Diabetes. Ed. BM Hayes and W Aspray. MIT Press(In Press)

DeShazo JP. (2009) Automated Analysis and Surveillance for STD/HIV Online Behavior. PhD Dissertation, University of Washington, Seattle.

DeShazo JP. (2009) Mobile devices as platforms for diabetes 'edutainment' games: Design and consideration as a health intervention. MPH Thesis, University of Washington, Seattle.

DeShazo JP, Rietmeijer C. Dissemination and Adoption of a Prevention Waiting Room Video In U.S. Sexually Transmitted Infections (STI) Clinics: The Safe In The City Experience. Proc ISSTD 2009