

CURRICULUM VITAE

JONATHAN P DESHAZO
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Education

- 2005-pres **Biomedical and Health Informatics** **PhD**
School of Medicine
University of Washington, Seattle, WA
Thesis title: *Automated Analysis and Surveillance for STI/HIV Online Behavior.*
Committee: Fred Wolf(chair), Anne Turner, Ann Kurth, Mark Oberle, Jake Wobbrock (GSR)
Synopsis: An automated algorithm is developed to mine and interpret online text for the purpose of aggregating and reporting online discourse and behaviors which have real world counterparts of public health interest. The application domain is behaviors related to STI/HIV.
- 2006-pres **Healthcare and Population Research** **MPH**
Department of Health Services
School of Public Health
University of Washington, Seattle, WA
Thesis title: *Mobile devices as platforms for diabetes ‘edutainment’ games: Design & consideration as a health intervention.*
Synopsis: Conduct formative research on the design of mobile phone based games for nutritional education. Identify promising theoretic underpinnings and considerations for wider adoption from field study.
Thesis Committee: Anne Turner (chair), Wanda Pratt
Practicum (Field Work) Site: Denver Health Department
Practicum Synopsis: Evaluate the dissemination and adoption of a new CDC Diffusion of Effective Behavioral Interventions(DEBI) intervention in STD clinics across the country. Perform key role in the design, administration, and data analysis of national survey investigation to measure barriers and facilitators of clinics’ adoption of a new CDC sponsored intervention.
Practicum Site Supervisor: Kees Rietmeijer

Jonathan P DeShazo – CV

- 2000-2004 **Information Systems** (*summa cum laude*) BAS
University of Richmond
Richmond, VA
- 1995-1997 **Licensed Practical Nurse** LPN
US Army Reserve Practical Nursing School
Wilmington, DE

Teaching

- 2007 Instructor, MEBI 591. Public Health Informatics Colloquium, University of Washington

Committees & Boards

- 2007-2008 Graduate & Professional Student Senate. Rep: Medical Education and Biomedical Informatics, University of Washington.
- 2007-pres Faculty Council on Educational Technology. University of Washington.

Professional Experience

Academic

- 2008-pres University of Washington Research Assistant
Department of Biomedical & Health Informatics
Foodle: Games for Diabetes Health Project
- 2005-2008 University of Washington National Library of Medicine Trainee
Department of Biomedical & Health Informatics

Information Technology

- 2000-2005 Keane, Inc. Principal Consultant
Richmond, VA
Lead consultant providing systems analysis, design and support for retail web sites and numerous mission critical web distributed applications. Provided teaching and assistance with new technologies, and

Jonathan P DeShazo – CV

industry/government standards and regulations. Designed data driven applications for executive decision support, operations, marketing, legal, human resources, online commerce, G2G and G2B interfaces, and finance and accounting.

- 2000 Itribe.Com Software Engineer
Richmond, VA
Managed, designed and implemented innovative data-driven web applications for online recruiting and professional skills assessment. Supervised four developers.
- 1999-2000 Royce Information Systems Programmer
Hampton VA
Developed and implemented several large-scale database applications to be served via thin-client for Defense clients. Designed Security models, logistical applications, data management applications, and intelligent reporting.
- Medical**
- 1993-1994 U.S. Army Reserve. Combat Medic
1994-1999 U.S. Army Reserve Licensed Practical Nurse
Richmond, VA. Wilmington, DE
Attended nursing school and worked civilian hospitals in DE area for clinical rotations. After graduation assisted physician with physicals, worked in triage, phlebotomy, EKG lab, and patient assistance in Veteran's Affairs Hospital. Supervised medics and lower ranking medical staff.
- 2004-2005 Vernon J. Harris East End Com. Health Center. Nurse Volunteer,
Patient Advocate
Richmond, VA
Triage, assess and educate patients. Assist physicians and nurses. Perform referrals, and duties as needed to provide best environment for patients and staff.

Refereed Publications

Harris L, Pratt W, DeShazo JP. "Diabetes and Obesity: Can Video Games Help?" . The Informatics of Diabetes. Ed. BM Hayes and W Aspray. (SciTech Publishers, In press)

DeShazo JP, LaVallie D, Wolf FM. *Publication Trends in the Medical Informatics Literature. 20 Years of “Medical Informatics” in MeSH* (BMC Medical Informatics and Decision Making, in press)

Conferences and Symposiums

DeShazo JP, Turner AM. Hands-on NLP (Nov 2008) *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

DeShazo JP, Karras BT. *Online Behavior Automated Analysis and Surveillance Tool for STI/HIV*. AMIA Annu Symp Proc. 2007 Oct 11:933

DeShazo JP, Doctor J. (June 2006) *What’s in a number? A meta-data representation of health utility elicitations*. National Library of Medicine Annual Biomedical Informatics Trainee Meeting. Bethesda, MD

Invited National and Regional Presentations

Hands-on NLP: An interactive and user-centered system to classify discharge summaries for obesity and related co-morbidities. Presented at the i2b2 shared challenge workshop, AMIA 2008

Online Behavior Automated Analysis and Surveillance Tool for STI/HIV. Presented at Public Health Informatics Fellows Annual Workshop 2007

Professional Memberships

- 2005-pres American Medical Informatics Association
- 2006-pres American Association for the Advancement of Science
- 2006-pres American Public Health Association

Jonathan P DeShazo – CV

Honors, Awards, Scholarships, Recognition

- 2008 Bio and research profiled in Public Health Informatics Institute's Connections newsletter Summer/Fall.
- 2007 Top Paper Presentation at 2007. Public Health Informatics Fellows Workshop, Public Health Informatics Institute
- 2005 Top Scholar Award, University of Washington
- 2005 National Library of Medicine Fellow, University of Washington
- 2004 Mace Bearer Award, University of Richmond
- 2004 George E. Christopher and George W. Swartz Book Award, University of Richmond
- 1992 National Merit Finalist, National Merit Scholarship Corp.

Skills

Applied

- Stochastic modeling & computer simulation
- Natural language processing
- Complex data integration and analysis
- Mobile device and distributed applications

Computing

- Platforms: Windows [Server, Smartphone, Mobile], Linux, .net[CF], J2EE,
- Programming/Scripting languages: Java, SQL, C#,C++, Coldfusion, PHP, JavaScript,

Research

- Knowledge of research methodologies
- Statistical Software: Stata
- Writing proposal and result manuscripts