Connor Smith

INFORMATICS RESEARCH ASSOCIATE

Department of Medical Informatics & Clinical Epidemiology, Oregon Health & Science University

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Education

Oregon Health & Science University
MASTERS OF SCIENCE IN BIOMEDICAL INFORMATICS

Portland, OR
2016-2019

Oregon State University
BACHELORS OF SCIENCE IN BIOLOGY

Corvallis, OR
2010-2014

Work Experience

Oregon Health & Science University
INFORMATICS RESEARCH ASSOCIATE

Portland, Oregon
2018-Present

- Develop SQL scripts for analysis of large scale electronic health record data for the Veterans Health Administration in conjunction with a national project for telemedicine in Sleep
- Develop dynamic visualizations in accordance with a pilot for the Agency for Healthcare Research and Quality (AHRQ)
- Consult with collaborators in Pacific Northwest Evidence-based Practice Center on issues pertaining to data governance, analysis, and visualization

Oregon Health & Science University
SENIOR HRIS ANALYST

Portland, Oregon
2017-2018

- Designed and developed an Oracle database to perform daily analysis on data extracted from 22 reports from Occupational Health vendor
- Created and modified a web interface for rapid reporting and analysis of Occupational Health data to managers, including a ticket request system

Oregon Health & Science University
HRIS ANALYST

Portland, Oregon
2016-2017

- Developed procedures and packages in PL/SQL for an Oracle database to manage data import, processing, export, and auditing
- Managed the testing, documentation, education, and release of a new HR system for position approval requests

Oregon Health & Science University
HR SYSTEMS SPECIALIST

Portland, Oregon
2015-2016

- Managed records and HR Actions in Oracle for approximately 200 organizations at OHSU
- Self-taught SQL, PL/SQL, Microsoft VBA in order to increase efficiency and results

MILITARY EXPERIENCE

United States Army Reserve
ENLISTED RESERVIST

Clackamas, Oregon
2011-Present

- Developed proficiency in professional document production and regulation research
- Demonstrates leadership principals to complete the mission
- Selected for Officer Candidate School

Awards and Honors

Nov 2018 Design Challenge Runner-up - 9th Annual Workshop on Visual Analytics in Healthcare

Visual Analytics in Healthcare

Publications

1. Totten, A, C Smith, K Dunham, R Jungbauer, and E Graham (2019). Improving Access to and Usability of Systematic Review Data for Health Systems Guidelines Development. *Agency for Healthcare Research and Quality (US)*.

MASTER'S THESIS

1. Smith, CJ (2019). "Hypermethylation in the promoter of PRDM16 is associated with decreased survival in AML patients". MA thesis. OHSU.

WORKING PUBLICATIONS UNDER REVIEW

1. Smith, CJ, RM Jungbauer, and AM Totten (2019). *Special Section on Visual Analytics in Healthcare: Visual Evidence: Increasing Usability of Systematic Reviews in Health Systems Guidelines Development.*
2. Sarmiento, K, R Folmer, C Stepnowsky, M Whooley, E Boudreau, S Kuna, C Atwood, C Smith, and W Yarbrough (2019). *National Expansion of Sleep Telemedicine for Veterans: The TeleSleep Program.*

Presentations

TALKS

Thesis Defense   *Portland, Oregon*
HYPERMETHYLATION IN THE PROMOTER OF PRDM16 IS ASSOCIATED WITH DECREASED SURVIVAL IN AML PATIENTS   *Mar 2019*

PNWEPC Lunch and Learn   *Portland, Oregon*
PNWEPC LUNCH AND LEARN: ALTERNATIVE REPORTING OF SYSTEMATIC REVIEW DATA   *Jan 2019*

CDSRG Works in Progress Meeting   *Portland, Oregon*
PATHWAYS AND PITFALLS IN VA SLEEP ANALYTICS   *Dec 2018*

DMICE Informatics Conference: AMIA Practice Talks   *Portland, Oregon*
VISUAL EVIDENCE: INCREASING USABILITY OF SYSTEMATIC REVIEWS IN HEALTH SYSTEMS GUIDELINES DEVELOPMENT   *Oct 2018*

Thesis Proposal Defense   *Portland, Oregon*
DIFFERENTIAL METHYLATION IN THE CONTEXT OF SOMATIC MUTATIONS IN AML   *Jun 2018*

WORKSHOPS

BioData Club Workshop   *Portland, Oregon*
DATA EXPLORATION AND VISUALIZATION WITH TABLEAU   *May 2019*

COMPETITIONS

9th Annual Workshop on Visual Analytics in Healthcare   *San Francisco, California*
VISUAL EVIDENCE: INCREASING USABILITY OF SYSTEMATIC REVIEWS IN HEALTH SYSTEMS GUIDELINES DEVELOPMENT   *Nov 2018*
- Design Challenge Runner-up

Service

Manuscript Reviews

- Applied Clinical Informatics (2)

Professional Development

Conference hosted by OpenCon Cascadia   *Portland, Oregon*

OPENCON CASCADIA   *2019-02-01*

Conference hosted by American Medical Informatics Association   *San Francisco, California*

AMIA ANNUAL SYMPOSIUM   *2018-11-03*

Workshop hosted by Edward Tufte   *Portland, Oregon*

PRESENTING DATA AND INFORMATION   *2018-07-26*

Workshop hosted by Tableau   *Seattle, Washington*

A NEW DAY FOR DATA ROADSHOW   *2018-07-17*

Conference hosted by VA/Sleep Research Network   *Baltimore, Maryland*

VA SLEEP PROVIDERS MEETING   *2018-06-01*