Connor Smith

INFORMATICS RESEARCH ASSOCIATE

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

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Education

Masters of Science in Biomedical Informatics   *Portland, OR*

OREGON HEALTH & SCIENCE UNIVERSITY   *2016-2019*

Bachelors of Science in Biology   *Corvallis, OR*

OREGON STATE UNIVERSITY   *2010-2014*

Employment

Informatics Research Associate   *Portland, Oregon*

OREGON HEALTH & SCIENCE UNIVERSITY   *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

Senior HRIS Analyst   *Portland, Oregon*

OREGON HEALTH & SCIENCE UNIVERSITY   *2015-2018*

- 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
- Demonstrated a high level of proficiency, competency, and professionalism, leading to an uncommonly fast promotion pace (HR Systems Specialist 2015-2016, HRIS Analyst 2016-2017, Senior HRIS Analyst 2017-2018)

MILITARY

Enlisted Reservist   *Clackamas, Oregon*

UNITED STATES ARMY RESERVE   *2011-Present*

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

Relevant Skills

Applications	RStudio; Microsoft SQL Server Management Studio; Tableau; Anaconda; Toad; Oracle Application Express (APEX); Neo4J
Databases	Relational database theory, development, management; Non-relational databases; Graph databases
Languages	R; SQL; PL/SQL; Python; HTML; CSS; LaTex; Cypher
Data Science	Supervised and unsupervised machine learning; Data wrangling; Data visualization; Process automation

Awards and Honors

Nov 2018 Design Challenge Runner-up - 8th Annual Workshop on Visual Analytics in Healthcare   *Visual Analytics in Healthcare*

Publications

ARTICLES

1. Sarmiento, K, R Folmer, C Stepnowsky, M Whooley, E Boudreau, and ... (2019). National Expansion of Sleep Telemedicine for Veterans: The TeleSleep Program. *Journal of Clinical Sleep Medicine*.
2. 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*.

Presentations

TALKS

Hypermethylation in the promoter of PRDM16 is associated with decreased survival in AML patients

THESIS DEFENSE

Portland, Oregon

Mar 2019

PNWEPC Lunch and Learn: Alternative Reporting of Systematic Review Data

PNWEPC LUNCH AND LEARN

Portland, Oregon

Jan 2019

Pathways and Pitfalls in VA Sleep Analytics

CDSRG WORKS IN PROGRESS MEETING

Portland, Oregon

Dec 2018

Visual Evidence: Increasing Usability of Systematic Reviews in Health Systems Guidelines Development

DMICE INFORMATICS CONFERENCE: AMIA PRACTICE TALKS

Portland, Oregon

Oct 2018

Differential Methylation in the context of Somatic Mutations in AML

THESIS PROPOSAL DEFENSE

Portland, Oregon

Jun 2018

WORKSHOPS

Data Exploration and Visualization with Tableau

BIODATA CLUB WORKSHOP

Portland, Oregon

May 2019

COMPETITIONS

Visual Evidence: Increasing Usability of Systematic Reviews in Health Systems Guidelines Development

8TH ANNUAL WORKSHOP ON VISUAL ANALYTICS IN HEALTHCARE

San Francisco, California

Nov 2018

- Design Challenge Runner-up

Service

Manuscript Reviews

- Applied Clinical Informatics (2)

Professional Development

OpenCon Cascadia   *Portland, Oregon*
Conference hosted by OpenCon Cascadia   *2019-02-01*

AMIA Annual Symposium   *San Francisco, California*
Conference hosted by American Medical Informatics Association   *2018-11-03*

Presenting Data and Information   *Portland, Oregon*
Workshop hosted by Edward Tufte   *2018-07-26*

A New Day for Data Roadshow   *Seattle, Washington*
Workshop hosted by Tableau   *2018-07-17*

VA Sleep Providers Meeting   *Baltimore, Maryland*
Conference hosted by VA/Sleep Research Network   *2018-06-01*