

# Connor Smith

INFORMATICS RESEARCH ASSOCIATE

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## Education

### Masters of Science in Biomedical Informatics

OREGON HEALTH & SCIENCE UNIVERSITY

Portland, OR

2016-2019

### Bachelors of Science in Biology

OREGON STATE UNIVERSITY

Corvallis, OR

2010-2014

## Employment

### Informatics Research Associate

OREGON HEALTH & SCIENCE UNIVERSITY

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

### Senior HRIS Analyst

OREGON HEALTH & SCIENCE UNIVERSITY

Portland, Oregon

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

UNITED STATES ARMY RESERVE

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

## Relevant Skills

<b>Applications</b>	RStudio; Microsoft SQL Server Management Studio; Tableau; Anaconda; Toad; Oracle Application Express (APEX); Neo4J
<b>Databases</b>	Relational database theory, development, management; Non-relational databases; Graph databases
<b>Languages</b>	R; SQL; PL/SQL; Python; HTML; CSS; LaTeX; Cypher
<b>Data Science</b>	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

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## ARTICLES

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

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## 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

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### Manuscript Reviews

- Applied Clinical Informatics (2)

## Professional Development

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### OpenCon Cascadia

CONFERENCE HOSTED BY OPENCON CASCADIA

*Portland, Oregon*

2019-02-01

### AMIA Annual Symposium

CONFERENCE HOSTED BY AMERICAN MEDICAL INFORMATICS ASSOCIATION

*San Francisco, California*

2018-11-03

### Presenting Data and Information

WORKSHOP HOSTED BY EDWARD TUFTE

*Portland, Oregon*

2018-07-26

### A New Day for Data Roadshow

WORKSHOP HOSTED BY TABLEAU

*Seattle, Washington*

2018-07-17

### VA Sleep Providers Meeting

CONFERENCE HOSTED BY VA/SLEEP RESEARCH NETWORK

*Baltimore, Maryland*

2018-06-01