

# Connor Smith

*Informatics Research Associate*

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*SQL, R, Data Visualization*

## Education

- 2016-2019 **Masters of Science in Biomedical Informatics**, Oregon Health & Science University, Portland, OR.
- 2010-2014 **Bachelors of Science in Biology**, Oregon State University, Corvallis, OR.

## Work Experience

- 2018-Present **Informatics Research Associate**, Oregon Health & Science University, Portland, Oregon.
- 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
- 2017-2018 **Senior HRIS Analyst**, Oregon Health & Science University, Portland, Oregon.
- 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
- 2016-2017 **HRIS Analyst**, Oregon Health & Science University, Portland, Oregon.
- 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
- 2015-2016 **HR Systems Specialist**, Oregon Health & Science University, Portland, Oregon.
- 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

- 2011-Present **Enlisted Reservist**, *United States Army Reserve*, Clackamas, Oregon.
- Developed proficiency in professional document production and regulation research
  - Demonstrates leadership principals to complete the mission
  - Selected for Officer Candidate School

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## Awards and Honors

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

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## 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)*.

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## Presentations

### Talks

- Mar 2019 **Hypermethylation in the promoter of PRDM16 is associated with decreased survival in AML patients**, *Thesis Defense*, Portland, Oregon.
- Jan 2019 **PNWEPC Lunch and Learn: Alternative Reporting of Systematic Review Data**, *PNWEPC Lunch and Learn*, Portland, Oregon.
- Dec 2018 **Pathways and Pitfalls in VA Sleep Analytics**, *CDSRG Works in Progress Meeting*, Portland, Oregon.
- Oct 2018 **Visual Evidence: Increasing Usability of Systematic Reviews in Health Systems Guidelines Development**, *DMICE Informatics Conference: AMIA Practice Talks*, Portland, Oregon.
- Jun 2018 **Differential Methylation in the context of Somatic Mutations in AML**, *Thesis Proposal Defense*, Portland, Oregon.

### Workshops

- May 2019 **Data Exploration and Visualization with Tableau**, *BioData Club Workshop*, Portland, Oregon.

### Competitions

- Nov 2018 **Visual Evidence: Increasing Usability of Systematic Reviews in Health Systems Guidelines Development**, *9th Annual Workshop on Visual Analytics in Healthcare*, San Francisco, California.
- Design Challenge Runner-up

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## Service

## Manuscript Reviews

- Applied Clinical Informatics (2)

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## Professional Development

- 2019-02-01 **OpenCon Cascadia**, *Conference hosted by OpenCon Cascadia*, Portland, Oregon.
- 2018-11-03 **AMIA Annual Symposium**, *Conference hosted by American Medical Informatics Association*, San Francisco, California.
- 2018-07-26 **Presenting Data and Information**, *Workshop hosted by Edward Tufte*, Portland, Oregon.
- 2018-07-17 **A New Day for Data Roadshow**, *Workshop hosted by Tableau*, Seattle, Washington.
- 2018-06-01 **VA Sleep Providers Meeting**, *Conference hosted by VA/Sleep Research Network*, Baltimore, Maryland.