# Denis R Newman-Griffis

*Curriculum Vitae*

*The Ohio State University*
*2015 Neil Ave*
*Columbus, OH, USA*
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⌂ *drgriffis.github.io*

Natural Language Processing, Biomedical Informatics,
Computational Semantics, Information Extraction, Machine Learning

## Publications

2017   Denis Newman-Griffis, Albert M Lai, and Eric Fosler-Lussier. Insights into Analogy
Completion from the Biomedical Domain. In *Proceedings of the 16th Workshop on
Biomedical Natural Language Processing (BioNLP)*, 2017.

2016   Denis R Griffis, Chaitanya Shivade, Eric Fosler-Lussier, and Albert M Lai. A Quanti-
tative and Qualitative Evaluation of Sentence Boundary Detection for the Clinical
Domain. In *Proceedings of the AMIA Summit on Clinical Research Informatics
(AMIA-CRI)*, 2016.

## Posters and Presentations

2017   Denis Newman-Griffis, Thanh Thieu, Chunxiao Zhou, Diane Brandt, Jonathan Ca-
macho Maldonado, Julia Porcino, Albert M Lai, and Leighton Chan. Characterizing
the language of functioning: A corpus analysis illustrating how human function is
described in clinical text. Poster presentation, in *Proceedings of the AMIA Summit
on Clinical Research Informatics (AMIA-CRI)*, 2017.

## Education

2014–   **PhD student**, *The Ohio State University, Department of Computer Science and
Engineering*, Columbus, OH, USA.
Modeling and extracting information regarding patient function from clinical text.
Co-advised by Dr. Eric Fosler-Lussier and Dr. Albert Lai (now of Washington University in
St. Louis)

2008–2012   **Bachelor of Arts**, *Carleton College*, City, *Magna cum laude*.
Majors: Computer Science & Russian
○ Senior thesis (Computer Science) titled "PIG: Packet Inspection Guru."
○ Senior thesis (Russian): translation of Georgiy Demidov's short story, "No Toe Tag,"
published in the short story collection, "Five Fates from a Wondrous Planet" (2015).

## Fellowships

2015–   **Pre-Doctoral Fellow**, *National Institutes of Health, Clinical Center*.

## Professional Experience

2012–2014  **Software Developer**, *Fulcrum Software Solutions*, Dublin, OH, USA.
Designed, developed, and deployed applications in the business and healthcare sectors, using the .NET development stack.
○ Acted as client contact for design and troubleshooting on multiple projects.

## Service

### Departmental Service

2015–  **AI Seminar Coordinator**, *The Ohio State University*, Columbus, OH, USA.
Coordinated bi-weekly seminar series for student presentations on ongoing AI research at Ohio State.

### Reviewer

2017  ACL, AMIA, EMNLP

2016  ACL, AMIA

### Other

2014–  **Volunteer Judge**, *Ohio State Science Day*.
Judged science fair projects of students grades 5–12.

2016–2017  **President**, *Columbus Symphony Chorus*, Columbus, OH, USA.

## Affiliations

ACM  Association for Computing Machinery

AMIA  American Medical Informatics Association

ASEE  American Society for Engineering Education