

## Annie K. Lamar

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### Education

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#### University of Puget Sound, Tacoma, WA

B.A. Classical Languages  
B.S. Computer Science, minor Mathematics  
University Honors Program

May 2019  
GPA:3.97/4.0

**Study Abroad: Greece**, University of Nebraska, Lincoln, NE

Summer 2018

### Publications

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Lamar, Annie K., Chambers, America. (2019, September). *Generating Homeric Poetry with Deep Neural Nets*. 2019 International Transdisciplinary AI Conference. *IEEE Xplore Digital Library*. In press.

Lamar, Annie K., Chambers, America. (2018, November). *Preserving Persona through a Pivot Language: Low-Resource NMT of Ancient Languages*. 2018 IEEE MIT Undergraduate Research Technology Conference. *IEEE Xplore Digital Library*. Available at [https://github.com/AnnieKLamar/pub/blob/master/Low-Resource\\_NMT\\_Ancient\\_Languages.pdf](https://github.com/AnnieKLamar/pub/blob/master/Low-Resource_NMT_Ancient_Languages.pdf).

### Research Fellowships

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#### McCormick Scholar Research Award, University of Puget Sound

Summer 2018

Project: "Using Neural Machine Translation to Complete Cicero's *Timaeus*."

Using Cicero's half-completed translation and other texts Cicero translated from Greek to Latin as training sets, I created a neural network to produce a machine-translation of the incomplete portions of Cicero's translation of *Timaeus*.

#### Richard Bangs-Collier Interdisciplinary Research Award, University of Puget Sound

Summer 2017

Project: "Becoming Augustine: A Network Graph of Texts from Plato to Augustine."

I created a network graph that showed connections between the texts of Augustine, the neo-Platonian writers read by Augustine, Plato, and Biblical sources in order to show the history of Augustine's ideas, especially regarding free will and original sin. Published online at [mathcs.pugetsound.edu/projects/Augustine](http://mathcs.pugetsound.edu/projects/Augustine).

#### Mellon Grant for Digital Humanities, University of Puget Sound

Summer 2017

Project: "Towards a Database for Scholarship on Classical Receptions of Sci-Fi and Fantasy."

I created a database to hold citations to scholarship for the field of Classical Receptions of Sci-Fi and Fantasy. Published online at <http://18.237.112.205/search>.

### Conference Presentations

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#### Classics

[Presentation] Lamar, Annie K. (2018, April). *Creating a Database for Scholarship in Classical Receptions of Sci-Fi and Fantasy*. Northwest Undergraduate Conference on the Ancient World. Willamette University, Salem, Oregon.

[Presentation] Lamar, Annie K. (2018, March). *Creating a Database for Scholarship in Classical Receptions of Sci-Fi and Fantasy*. 48<sup>th</sup> Annual Meeting of the Classical Association of the Pacific Northwest. University of Puget Sound, Tacoma, WA.

[Presentation] Lamar, Annie K. (2017, Nov.). *Becoming Augustine: Creating Network Graph of Texts from Plato to Augustine*. Pacific Northwest Undergraduate Conference in the Humanities. North Idaho University, Coeur d'Alene, Idaho.

*Computer Science, etc.*

[Presentation] Lamar, Annie K. (2018, November). *I, Cicero: Low-Resource Neural Machine Translation of Ancient Languages*. Murdock College Science Research Conference. Vancouver, WA.

- **John Van Zytveld Physical Sciences Award 2018**

[Presentation] Lamar, Annie K. (2018, November). *Better Late than Never: Cancellation Trends in the Writing Center*. National Conference on Peer Tutoring in Writing.

[Poster] Lamar, Annie K., Chambers, America. (2018, October). *Preserving Persona through a Pivot Language: Low-Resource NMT of Ancient Languages*. Consortium for Computing Sciences in Colleges (CCSC) Northwestern Regional Conference.

[Paper] Lamar, Annie K., Chambers, America. (2018, October). *Preserving Persona through a Pivot Language: Low-Resource NMT of Ancient Languages*. IEEE MIT Undergraduate Technology Conference. MIT, Boston, MA.

[Poster] Lamar, Annie K., Chambers, America. (2018, September). *Preserving Persona through a Pivot Language: Low-Resource NMT of Ancient Languages*. University of Puget Sound, Tacoma, WA.

- **Best Research Poster Award**

## Work Experience

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### *Academic Work Experience*

**Ancient Greek & Latin Subject Tutor** August 2016 – present  
Center for Writing, Learning, and Teaching, University of Puget Sound, Tacoma, WA  
Aid students in understand course material; schedule and run group review sessions; create language specific resources and reach out to students and professors in the Classics department.

**Writing Advisor** August 2017 – present  
Center for Writing, Learning, and Teaching, University of Puget Sound, Tacoma, WA  
Assist faculty and students in first-year seminars, lead writing workshops, and provide feedback to students in individual appointments. Participate in ongoing training and professional development.

**Computer Science & Calculus Grading Assistant** August 2017 – present  
Math & CS Department, University of Puget Sound, Tacoma, WA  
Evaluate student work in Computer Science and Calculus courses. Create rubrics for each assignment, maintain consistent and fair grading standards, and provide thorough feedback for students.

**Community Development Coordinator & Academic Consultant** May 2018 – present  
Center for Writing, Learning, and Teaching, University of Puget Sound, Tacoma, WA  
Mentor new staff in the writing center and coordinate additional support of staff and students. Write, read, and follow-up on reflections and evaluations for writing center staff. Meet with students for academic consulting appointments.

*Other Work Experience*

**Antique Book Appraisal Apprentice**

2012-2015

Camelot Bookstore, Fountain Valley, CA

Appraised and sold antique books; managed the store independently one day a week.

**Pioneering Specialist**

Summer 2016

Girl Scouts of Western Washington, Carnation, WA

Designed and implemented pioneering program for groups up to 40 girls, aged 5 – 17.

**Awards & Scholarships**

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Travel Award from the National Conference on Peer Tutoring in Writing, 2018.

Phi Beta Kappa, inducted 2018

Phi Beta Kappa James R. Slater Award, given for academic excellence: 2018.

Upsilon Pi Epsilon (International Honor Society for Computing and Information Disciplines): 2018.

Writing Excellence Award in Social Science, given for paper titled “*Outrageous and Unacceptable*”:  
*Combatting Information Access Inequality with Open Access*: 2018.

Phi Kappa Phi Study Abroad Scholarship: 2018.

Phi Kappa Phi: 2016 – present; Secretary, 2017 – present.

Lillis Scholarship: 2015.