

Patrick J. Burns

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Curriculum Vitae

November 2019

Academic Employment and Appointments

2019-present. Postdoctoral Fellow. Quantitative Criticism Lab. Department of Classics, University of Texas at Austin.

2019-present. Research Associate. Institute for the Study of the Ancient World.

2016-2019. Assistant Research Scholar: Digital and Special Projects. Institute for the Study of the Ancient World Library.

Education

2016. Ph.D., Classics. Fordham University.

2012. M.A., Classics. Fordham University.

1998. B.A., English Textual Studies & Journalism. Syracuse University.

Dissertation

Amor Belli: Elegiac Diction and the Theme of Love in Lucan's *Bellum civile*. Directed by Prof. Matthew McGowan, Fordham University, Classics.

Research Interests

Latin poetry, computational literary criticism, digital humanities, classics pedagogy

Publications

Chapters

2019. "Building a Digital Philology Pipeline with the Classical Language Toolkit," chapter in *Digital Classical Philology: Ancient Greek and Latin in the Digital Revolution*, ed. M. Berti. DeGruyter: 159-176.

Articles

2019. "The Future of Ancient Literacy: Classical Language Toolkit and Google Summer of Code," *Classics@17*, special issue on ancient literacies. Co-written with K. Johnson and L. Hollis.

2018. "Creating Stoplists for Historical Languages," *Digital Classics Online* 4(2): 4-20.

2017. “Measuring and Mapping Intergeneric Allusion in Latin Poetry using Tesserae,” *Journal of Data Mining and Digital Humanities*. Special issue on Computer-Aided Processing of Intertextuality in Ancient Languages. August 1.

Manuscripts under review

2019. “Autodidacts and the ‘Promise’ of Digital Classics,” chapter in *Digital Approaches to Teaching the Ancient Mediterranean*, ed. W. Caraher and S. Heath. Digital Press at U. North Dakota.

Manuscripts in submission

“Multiplex Lemmatization with the Classical Language Toolkit,” *Studi e Saggi Linguistici*. Special issue on strategies and approaches in Latin lemmatization.

“*Carpe Iter*: A Case for Latin-themed Field Trips,” *Teaching Classical Languages*.

Manuscripts in preparation

“Venus and *venus* in Lucan’s *Bellum civile*”

“A Pun on *Argo* in Apollonius Rhodius, *Argonautica* 1.1”

“Bootstrapping Linked Open Data in Library Catalog Records”

Reviews

2018. “Permanent Like Achilles.” *University Bookman*. Review of R.F. Thomas, *Why Bob Dylan Matters*. (HarperCollins, 2017).

2017. Review of “Opera Latina”. *Society for Classical Studies Blog*. <https://classicalstudies.org/scs-blog/patrick-j-burns/review-opera-latina>.

2017. “Latin Einstein on the Beach.” *University Bookman*. Review of R.T. Foster and D.P. McCarthy, *Ossa Latinitatis Sola, or, The Mere Bones of Latin according to the Thought & System of Reginald*. (Catholic University of American Press, 2016).

2017. *Classical World* 110.2. Review of B. Walters, Lucan: *Civil War* and S. Lombardo, *Status: Achilleid*. (Hackett Publishing Company, 2015). DOI 10.1353/clw.2017.0016.

2012. *Classical Outlook* 89.2. Review of P.L. Chambers, *The Natural Histories* of Pliny the Elder. (Univ. of Oklahoma Press, 2012).

Editorials

2017. “The Ancient Case Against Programming ‘Languages’.” *Eidolon* April 24.

Conferences

2019. *Digital Humanities Beyond Modern English*. Co-organizer with P. Chaudhuri and J. Dexter. Dartmouth College. April 25-26.

2018. *Digital Approaches to Teaching the Ancient Mediterranean*. Co-organizer with S. Heath and D. Ratzan. Institute for the Study of the Ancient World. October 26.

2018. *Future Philologies: Digital Directions in Text for Historical Languages*. Organizer. Institute for the Study of the Ancient World. April 20.

Invited Talks

2019. “*ELIZA, ELIZAE*: The Absurdity and (Absurd) Practicality of Latin Chatbots.” *MIT Programs in Digital Humanities Seminar*. Massachusetts Institute of Technology. October 24.

2019. “Reassessing Poeticness and Synonymity in Latin Poetry.” Department of Classics at University of California, Los Angeles. January 10.

2018. “What is an ‘Unpoetic’ Word?: Reassessing Latin Literary Criticism with Digital Methods.” Department of Classics at University of Texas at Austin. November 29.

2018. “Backoff Lemmatization for Ancient Greek with the Classical Language Toolkit,” 2018 *Digital Classicist London Seminars Series*. Institute of Classical Studies. London. July 27.

2018. “What is an ‘Unpoetic’ Word?: Reassessing Latin Literary Criticism with Digital Methods.” University of Oklahoma. April 5.

2018. “Becoming a Digital Humanist in Graduate School.” *Deconstructing the Open Greek and Latin Project: The First Thousand Years of Greek*, Tufts University. January 3.

2017. “Latin in Unexpected Places.” *Paideia Outreach in the CAAS Region*, CAAS 2017 Annual Meeting, New York City, NY. October 7.

2017. “Exploring Diction and Topics in Latin Love Elegy.” *Digital Propertius Project*, Department of Classics, Yale University. May 18.

2016. “Cicero’s Hardest Sentence?: Measuring Readability in Latin Literature.” Drew University Classics Department. December 1.

Conference Panels

2019. “Computational Tools & the Cross-Cultural Study of Literature.” With Tanya Clement, Grace Fong, and Carrie Schroeder; moderated by Jacqueline Wernimont. *Digital Humanities Beyond Modern English*. Dartmouth College. April 25.

Conference Sessions

2019. “Ancient Makerspaces: Digital Classics Workshop.” Organizer. Annual Meeting of the Society of Classical Studies, San Diego, CA. January 5.

2018. “Ancient Makerspaces: Digital Classics Workshop.” Organizer. Annual Meeting of the Society of Classical Studies, Boston, MA. January 6.

2017. “Digital Approaches to Latin Vocabulary.” Organizer. Classical Association of the Atlantic States Annual Meeting, New York City, NY. October 6.

2017. “Ancient Makerspaces: Digital Classics Workshop.” Panel moderator. Annual Meeting of the Society of Classical Studies, Toronto, Ont. January 7.

Conference Papers

2020. “‘Poeticness’ as a Continuous Variable: Rethinking Prosaism in Horace *Odes* 4.9.” Annual Meeting of the Society of Classical Studies, Washington, DC. January 4.
2019. “Hacking Multi-word Named Entity Recognition on HathiTrust Extracted Features Data.” *ACH 2019*, Pittsburgh, Pa. July 26.
2019. “Crowdsourcing Open Educational Resources for Classics.” Co-presented with Bret Mulligan. American Classical League Institute. New York, NY. June 29.
2019. “Multiplex Lemmatization with the Classical Language Toolkit.” First *Linking Latin* workshop on “Linguistic Resources and Natural Language Processing Tools for Latin,” Milan, Italy. June 3.
2019. “Object-oriented Philology.” Digital Classics Association panel at the Annual Meeting of the Society of Classical Studies, San Diego, CA. January 5.
2018. “Lucan’s *tres libri*: A Reconsideration of Arrangement and Argument in the *Bellum civile*.” Classical Association of the Atlantic States Annual Meeting. Philadelphia, Pa. October 4.
2018. “Carpe DM: Twitter and the Rise of the Social Media Scholiast,” *5000 Years of Comments: The Development of Commentary from Ancient Mesopotamia to the Age of Information*, Center for Hellenic Studies. August 7.
2018. “Backoff Tagging as a Philological Method.” *DH2018*. Mexico City, Mexico. June 26.
2017. “Mapping Library Subject Headings with the HathiTrust Extracted Features Dataset.” *Digital Publication in Mediterranean Archaeology*, Institute for the Study of the Ancient World. October 20.
2017. “Creating Stopword Lists for Historical Languages.” *Global Philology: Big Corpora of Historical Text*, Universität Leipzig. July 10.
2017. “Virgil’s Hardest Sentence?: Measuring Readability in Latin Poetry.” *Midwest Classical Literature Consortium*, Ohio University. April 22.
2017. “Backoff Tagging as a Philological Method.” *Digital Antiquity Research Showcase*, Institute for the Study of the Ancient World. April 14.
2017. “Classical Language Toolkit and Measuring Readability in Latin Literature.” *Global Philology Open Conference*, Universität Leipzig. February 22.
2016. “Erotic Distraction in Lucan’s *Bellum civile*.” Annual Meeting of the Society of Classical Studies, San Francisco, Ca. January 9.
2015. “*Caesar Captivus*: Elegiac Enrichment in Lucan’s *Bellum civile*.” CAAS 2015 Annual Meeting, Wilmington, De. October 9.
2014. “*Carpe Iter*: A Case for Latin-themed Field Trips.” CAAS 2014 Annual Meeting, Washington, D.C. October 10.
2014. “Latin for the Hearing-Impaired.” *Investigating Inequalities*, Graduate School Association Conference, Fordham University. April 5.

2014. “Digital Directions for a Concordance of Hellenistic Philosophy.” (Co-presented with Prof. Brian Johnson, Fordham) *Publishing Text for a Digital Age*, Tufts University. March 28.
2013. “Lucian’s Ekphrasis of the Visible and the Invisible in *Imagines*.” CAMWS 2013 Annual Meeting, Iowa City, Ia. April 20.
2013. “Distant Reading Alliteration in Latin Poetry.” *Word, Space, Time: Digital Perspectives on the Classical World*, University at Buffalo. April 6.
2013. “*Pessime Planudes*: Scaliger’s *Cato* and the Polemics of Retranslation.” *Beyond Words: Translation and the Classical World*, CUNY Graduate Center. March 8.
2013. “A Non-Latin Script in the Digital Archive: Greek OCR and Google Books.” *Remembering, Forgetting, Imagining: The Practices of Memory*, Digital Humanities roundtable, Fordham University. March 2.
2011. “Short on Erotics: Eros as Epic Hero in Apollonius Rhodius’s *Argonautica* 3.275-298.” *Desire: From Eros to Eroticism*, CUNY Graduate Center, Department of Comparative Literature. November 11.
2010. “The Hyper-Alexandrianism of Virgilian Centos and Girl Talk’s Mashups.” *All Roads Lead From Rome*, Rutgers University. April 9.

Conference Posters

2019. “Bringing a Shadow Library into the Light: Soviet-Era Scholarship on Central Asia and 21st Century Digital Collections.” *ACRL 2019*, Cleveland, OH. April 11. Co-written with G. McKeen and M. Naunton.
2017. “Mapping Linked Data Subject Headings in the Library Catalog.” *DH2017*, Montreal, Quebec. August 11. Co-written with D. Ratzan, T. Elliot, and G. McKeen.
2014. “Distant Reading Alliteration in Latin Literature.” Annual Meeting of the American Philological Association, Chicago, Il. January 4.

Conference Roundtables

2019. “Apollo vs. Python3: What Can Classics Learn from Computer Science (and Vice Versa)?” American Classical League Institute. New York, NY. June 29.

Digital Humanities Projects

- 2015-present. The Classical Language Toolkit (CLTK). Core member; Latin tools developer.
- 2016-present. *ISAW Library Titles Map*. Developer.
- 2016-present. *Digital Central Asian Archaeology* collection. Developer.
- 2018-present. *Digital South Caucasus* collection. Developer.

Service

2018. Google Summer of Code mentor for the Classical Language Toolkit project “Expanding the CLTK with Synonyms, Translations and Word Embeddings” (James Gawley).

2017-present. Reviewer for *DSH: Digital Scholarship in the Humanities*.

2017. Google Summer of Code mentor for the Classical Language Toolkit project “Adding CLTK Functionality for Old and Middle French” (Natasha Voake).

2016-present. Committee for Public Information and Media Relations. Society for Classical Studies.

2016. Program Committee. Florida Artificial Intelligence Research Society 30th International Conference, special track for “Natural Language Processing of Ancient and other Low-resource Languages.”

2016-present. Steering Group. NYC Digital Humanities.

2015-present. Steering Committee. Digital Classics Association.

2013-present. Reviewer for *Programming Historian*.

Awards and Honors

2019. Classics Everywhere grant from Society of Classical Studies in support of local political philosophy reading group.

2018. *DH2018* Alliance of Digital Humanities Organizations Bursary.

2016. Google *Summer of Code* stipend for development on “Latin/Greek Backoff Lemmatizer” for the Classical Language Toolkit.

2013. HASTAC Scholar.

2012. National Endowment for the Humanities/Tufts University. Institutes for Advanced Topics in the Digital Humanities grant.

Teaching Experience

Instructor, Institute for the Study of the Ancient World

Introduction to Digital Humanities for the Ancient World (Fall 2016, Fall 2017)

Instructor, Fordham University

Introduction to Latin I (Fall 2013, Fall 2010, Fall 2009); Textbooks: *Learn to Read Latin*, *Wheelock's Latin*.

Introduction to Latin II (Spring 2014, Spring 2010); Textbooks: *Wheelock's Latin*, *Latin via Ovid*.

Intermediate Latin (Fall 2019, Fall 2013, Fall 2012)

Latin Language & Literature (Spring 2015, Spring 2010: Curriculum Authors; Spring 2013: Ovid)

Introduction to Greek I (Fall 2011); Textbook: *Greek: An Intensive Course*.

Introduction to Greek II (Spring 2011) Textbook: *Greek: An Intensive Course*.

Greek Language & Literature (Spring 2011)

Readings in Greek (Fall 2011: Thucydides)

Greek Tutorial: Selections from the Greek Philosophers (Spring 2009)

Texts and Contexts: Myth in Greco-Roman Literature (Spring 2013)

Understanding Historical Change: Ancient Rome (Spring 2012)

Professional Experience

2010. Proofreading Latin and Greek citations. Peppard, M. *The Son of God in the Roman World: Divine Sonship in Its Social and Political Context*. Oxford, 2011.

2008. Proofreading, compiling index locorum, checking references and bibliography. McGowan, M. *Ovid in Exile: Power and Poetic Redress in the Tristia and Epistulae ex Ponto*. Brill, 2009.

Professional Activities

2015-2016. Participant in Sunoikisis Greek & Latin Seminars at Center for Hellenic Studies; leader of common sessions on Hellenistic and Neronian/Flavian literature.

2012-2014. Founder and co-director of the Fordham Graduate Students Digital Humanities group.

Professional Organizations

Society for Classical Studies

Classical Association of the Atlantic States

Alliance of Digital Humanities Organizations

Forum for Classical Librarians and Scholarly Communications

New York City Digital Humanities (NYCDH)

Computer skills

Programming: Python (esp. NLTK, Gensim, Pandas/scikit-learn), Jupyter notebooks/Binder; R; regular expressions; Mallet; word embeddings.

Relational database design: SQL, Postgresql.

Markup: XML, TEI.

Web development: HTML 5, CSS3, Javascript/jQuery (esp. Leaflet.js); Jekyll; Flask, Jinja2; Heroku.

Open source development: Git/GitHub, TravisCI.

Bibliographic support: CSL; Zotero translator development and automation (via pyZotero)

Layout: LaTeX; Overleaf.

Content management: Wordpress; Omeka; DSpace (via NYU Faculty Digital Archive), including working with Simple Archive Format; IIIF via Loris/Mirador.

References

Pramit Chaudhuri. Associate Professor, University of Texas at Austin.
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Matthew McGowan. Associate Professor, Fordham University. mamcgowan@fordham.edu. (718) 817-3031.

Christopher Francese. Professor, Dickinson College. francese@dickinson.edu. (717) 245-1202.

David Ratzan. Head Librarian, Institute for the Study of the Ancient World.
david.ratzan@nyu.edu. (212) 992-7832.