

JOEY MCCOLLUM

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Academic Degrees

2022–2025
(expected) PhD, Biblical and Early Christian Studies
Australian Catholic University
Dissertation: “Bayesian Stemmataology and Its Application to the Text of Ephesians”

2011 BFA, Creative Writing, Mathematics (double major)
University of Maine at Farmington
GPA 3.922 (*summa cum laude*)

Academic Positions

2024 Research Assistant
Australian Catholic University
Populated data on patristic receptions of New Testament passages regarding disability, supported development of the project website, and liaised with biblical studies scholars and back-end developers

2023 Sessional Tutor
Australian Catholic University
Taught THEL401 (New Testament Greek A) and THEL402 (New Testament Greek B)

2018–2022 Research Associate
Virginia Polytechnic Institute and State University

2010–2011 Mathematics Research Assistant
University of Maine at Farmington

Industry Positions

- 2014–2018 Junior Software Engineer/Analyst
R&K Solutions, Inc.
- 2010 Writing Apprentice
Alice James Books

Community Involvement

Technical Review Committees

- 2024 Program Committee Member, Conference on Computational Phylogenetics and Stemmatology (COMPAS). November 2024.
- 2021 Technical Committee Member, World AI IoT Congress 2021. May 2021.
- Technical Committee Member, 2021 IEEE 11th Annual Computing and Communication Workshop and Conference (CCWC). January 2021.

Peer Review

- 2024 Reviewed two papers submitted to *Andrews University Seminary Studies*.
- 2021 Reviewed two papers submitted to *Journal of Open Humanities Data*.
- Reviewed one paper submitted to *Neural Networks*.
- 2020 Reviewed one paper submitted to the 2020 IEEE 11th Annual Ubiquitous Computing, Electronics & Mobile Communication Conference (UEMCON). New York, NY, October 2020.

Digital Transcriptions

- 2021 Transcribed the text of Bibliothèque nationale de France Suppl. Gr. 79 (Gregory-Aland 274) in Matthew, Mark, Luke, and John. Accessible at <https://github.com/jjmccollum/ga-274>.
- 2019 Volunteer transcription, Museum of the Bible Greek Paul Project; six manuscript transcriptions in 1 Timothy.
- 2017–2018 Volunteer transcription, International Greek New Testament Project; over 100 manuscript transcriptions in Galatians and Ephesians. Accessible at <http://www.epistulae.com/XML/igntp.xml>.

Publications

Books

- 2022 Joey McCollum and Brent Niedergall, with the assistance of Derek G. T. DeMars, Bobby Howell, and Stephen M. Young. *Acts of John*. BLCS 7. Turnhout: Brepols, 2022.
- 2021 Joey McCollum and Brent Niedergall, eds. *The Tale of Peter Rabbit in Koine Greek*. Gorgias Handbooks 51. Piscataway, NJ: Gorgias Press, 2021.
- 2019 Brent Niedergall and Joey McCollum, eds., with contributions from Dave Massa and Steve Young. *Max and Moritz in Biblical Greek*. Wilmore, KY: GlossaHouse, 2019.
- 2018 Joey McCollum and Stephen L. Brown, eds. *Solid Rock Greek New Testament: Scholar's Edition*. North Conway, NH: Solid Rock Publications, 2018.
- Joey McCollum and Stephen L. Brown, eds. *Solid Rock Greek New Testament: Portable Edition*. North Conway, NH: Solid Rock Publications, 2018.

Articles

- 2024 Joey McCollum. "The Intrinsic Probability of τοῖς ἰδίοις ἀνδράσιν ὑποταστέσθωσαν in Ephesians 5.22." *Journal for the Study of the New Testament* 46.4 (2024): 556–578. DOI:[10.1177/0142064X231226158](https://doi.org/10.1177/0142064X231226158).
- Joey McCollum and Robert Turnbull. "Using Bayesian Phylogenetics to Infer Manuscript Transmission History." *Digital Scholarship in the Humanities* 39.1 (2024): 258–279. DOI:[10.1093/lc/fqado89](https://doi.org/10.1093/lc/fqado89).
- Joey McCollum. "Textual Criticism in the Gaps: The Likelihood of $\mathfrak{P}^{46}$'s Readings in Galatians 3:1 and 4:17, Hebrews 11:4, and Philippians 1:1." *Novum Testamentum* 66.2 (2024): 257–278. DOI:[10.1163/15685365-bja10066](https://doi.org/10.1163/15685365-bja10066).
- 2023 Joey McCollum. "Likelihood Calculations for Reconstructed Lacunae and Papyrus 46's Text of Ephesians 6:19." *Digital Scholarship in the Humanities* 38.2 (2023): 647–657. DOI:[10.1093/lc/fqaco78](https://doi.org/10.1093/lc/fqaco78).
- 2022 Joey McCollum and Robert Turnbull. "teiphy: A Python Package for Converting TEI XML to NEXUS and Other Formats." *Journal of Open Source Software* 7.80 (2022): 4879. DOI:[10.21105/joss.04879](https://doi.org/10.21105/joss.04879).

- 2021 Joey McCollum. "The Text and Margin of Gregory-Aland 274." *TC: A Journal of Biblical Textual Criticism* 26 (2021): 47–131. URL:<http://jbtc.org/v26/TC-2021-McCollum.pdf>.
- Joey McCollum and Thomas Krauss. "QUBO Formulations of the Longest Path Problem." *Theoretical Computer Science* 863 (2021): 86–101. DOI:[10.1016/j.tcs.2021.02.021](https://doi.org/10.1016/j.tcs.2021.02.021).
- 2020 Joey McCollum. "Luke 9,35 and the Power of Polygenesis." *Filologia Neotestamentaria* 33.53 (2020): 51–93.
- Thomas Krauss, Joey McCollum, Chapman Pendery, Sierra Litwin, and Alan J. Michaels. "Solving the Max-Flow Problem on a Quantum Annealing Computer." *IEEE Transactions on Quantum Engineering* 1 (2020): 1–10. DOI:[10.1109/TQE.2020.3031085](https://doi.org/10.1109/TQE.2020.3031085).
- Thomas Krauss and Joey McCollum. "Solving the Network Shortest Path Problem on a Quantum Annealer." *IEEE Transactions on Quantum Engineering* 1 (2020): 1–12. DOI:[10.1109/TQE.2020.3021921](https://doi.org/10.1109/TQE.2020.3021921).
- 2019 Joey McCollum. "Biclustering Readings and Manuscripts via Non-negative Matrix Factorization, with Application to the Text of Jude." *Andrews University Seminary Studies* 57.1 (2019): 61–89. URL:<https://digitalcommons.andrews.edu/auss/vol57/iss1/6/>.
- 2011 James McCollum. "Further Notes on a Family of Continuous, Nondifferentiable Functions." *New York Journal of Mathematics* 17 (2011): 569–577. URL:<http://nyjm.albany.edu/j/2011/17-24v.pdf>.

Preprints and Teaching Documents

- 2020 Joey McCollum. "The CBGM: An Illustrated Crash Course. Supplement to "The open-cbgm Library: Design and Demonstration." 2020. DOI:[10.17613/x9gv-1h42](https://doi.org/10.17613/x9gv-1h42).

Digital Academic Publications

- 2020 "Joey McCollum: Introducing the open-cbgm Library." *Evangelical Textual Criticism*. 29 January 2020. Accessible at <http://evangelicaltextualcriticism.blogspot.com/2020/01/joey-mccollum-introducing-open-cbgm.html>.

Talks

Conference Presentations

- 2023 Joey McCollum. “Bayesian Textual Criticism since Hort: A Synthesis and Demonstration.” Paper presented at the Annual Meeting of the Society of Biblical Literature. San Antonio, TX, 21 November 2023. DOI:[10.17613/cr5z-f627](https://doi.org/10.17613/cr5z-f627).
- 2020 Joey McCollum. “The open-cbqm Library: Design and Demonstration.” Paper presented at the Annual Meeting of the Society of Biblical Literature. Boston, MA, 9 December 2020. DOI:[10.17613/o4rg-st35](https://doi.org/10.17613/o4rg-st35).
- 2018 Joey McCollum. “The *Solid Rock Greek New Testament*: Theory and Practice.” Paper presented at the Bible Faculty Summit. Greenville, SC: Bob Jones University, 1 August 2018. DOI:[10.17613/m4wj-c112](https://doi.org/10.17613/m4wj-c112) (paper), [10.17613/w9jw-cj87](https://doi.org/10.17613/w9jw-cj87) (slides).

Invited Talks

- 2024 Joey McCollum. “Phylogenetics and the CBGM @ CSNTM.” Center for the Study of New Testament Manuscripts, 12 February 2024.
- 2022 Zachary Arden and Joey McCollum. “Bayesian Textual Criticism: Evolutionary Genetics and the Transmission of New Testament Texts.” Bayes and Bible, 15 December 2022. DOI:[10.17613/jw3h-f520](https://doi.org/10.17613/jw3h-f520).
- Joey McCollum. “Learning the CBGM by Design.” Greek Paul Project Webinar, 28 April 2022. DOI:[10.17613/r1cp-nn79](https://doi.org/10.17613/r1cp-nn79) (slides). URL:<https://vimeo.com/710354696/d27f125b5c> (video).
- Joey McCollum. “CBGM Q&A @ CSNTM.” Center for the Study of New Testament Manuscripts, 31 January 2022. DOI:[10.17613/9qmw-4z73](https://doi.org/10.17613/9qmw-4z73).
- 2021 M. R. Williamson, W. C. Headley, W. H. Clark IV, J. McCollum, T. Krauss, L. Lusk, D. Jenkins, T. Villemez, M. O. Moore, D. J. Jakubisin, A. Poetter, A. J. Michaels, A. A. Beex, and J. D. Gaeddert. “Multi-Antenna Pre-processing for Improved RFML in Congested Spectral Environments.” Paper presented at the 2021 IEEE International Symposium on Dynamic Spectrum Access Networks (DySPAN), 15 December 2021.
- 2020 Joey McCollum. “Identifying Textual Clusters with Non-negative Matrix Factorization.” Phoenix Seminary, 16 September 2020. DOI:[10.17613/j6mv-am52](https://doi.org/10.17613/j6mv-am52) (slides). URL:<https://youtu.be/vbUnZZxww-o> (video).

Grants and Scholarships

2024	2024 ACU Three-Minute Thesis Finals Winner Australian Catholic University URL: https://www.youtube.com/watch?v=LZ3AQ8HBfis (video)
	Logos 2024 Workshop Scholarship & Christianity in Oxford
2022–2025	Research Training Program Stipend Scholarship Australian Catholic University
2010	Wilson Research Scholarship University of Maine at Farmington