

Dr. Richard Splett

Professor, Department of Quantum Linguistics, Aethelred University

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Current Position

As a Professor in Aethelred University's Department of Quantum Linguistics since 2019, my days are a blend of teaching, research, and service. I design and lead advanced graduate seminars like "Entangled Narratives" and "Observational Effects in Textual Interpretation", and mentor doctoral students such as Minna Häkkinen as they delve into quantum semantics. My research focuses on the inherent quantum properties of language, securing grants from bodies like the International Society for Quantum Linguistics and the Global Association for Quantum Semantics to explore areas like non-local correlations in dialogue and publishing my findings in top journals like *The Journal of Quantum Linguistic Entanglements*, where I also serve as a Co-editor. Beyond that, I contribute to the academic community by serving as Chair of the Aethelred University Senate Committee on Academic Integrity, reviewing papers for journals, and leading within professional organizations such as the International Society for Quantum Linguistics, all while sharing the fascinating world of quantum linguistics with a broader audience.

Degrees

2007 PhD in Biomorphic Engineering, Veridian Institute of Technology

2001 BA in Pan-Dimensional Studies, Northern Star College

Other Academic Training

2025 Caffeine & Curriculum: Staying Awake Through Committee Meetings

2023 Publish or Perish (and How to Avoid Actually Perishing): A Guide to Grant Writing & Academic Survival

2022 Decoding Gen Z: Understanding Emojis, TikTok, and Why They Still Won't Read the Syllabus

Academic Appointments

2019– Professor, Department of Quantum Linguistics, Aethelred University

2013–2019 Associate Professor, Department of Applied Chronogeography, Lumenwood College

2008–2013 Assistant Professor, School of Sentient Systems Ethics, Ironbark State University

2007–2008 Postdoctoral Fellow, Division of Exoplanetary Cultural Studies, The Thistlewood Academy

Editorial Appointments

2023– Co-editor, *The Journal of Quantum Linguistic Entanglements*. Diamond Open Access.

2021–2022 Guest Editor, [special issue](#) of *Acta Quantica Linguistica*

2021–2023 Associate Editor, *Syntactic Waveforms: A Journal of Quantum Semantics*

Honours & Awards

2019– Adjunct Professor, Department of Esoteric Cartography, Blackwood Conservatory

2016 Fellow of the Royal Society of Quantum Linguistics

2009–2012 Aethelgard Visiting Fellow, Silverwood University

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Research students & associates

Postdoctoral Fellows & Research Associates

2022– Jonah Ryan, Department of Quantum Linguistics, Aethelred University
2013–2019 Selina Meyer, Department of Applied Chronogeography, Lumenwood College
2010–2011 Dan Egan, School of Sentient Systems Ethics, Ironbark State University

Doctoral Students

2024 Minna Häkkinen, Department of Quantum Linguistics, Aethelred University
2018 Kent Davison, Department of Applied Chronogeography, Lumenwood College
2016 Ben Cafferty, Department of Applied Chronogeography, Lumenwood College

Visiting Doctoral Students

2017 Catherine Meyer, Universidade da Aurora Florestal, [ELAP Scholar](#)
2021–2023 Karen Collins, Horizon Peak University, [China Scholarship Council Scholar](#)

Master's Students

2013 Bill Ericsson, School of Sentient Systems Ethics, Ironbark State University
2011 Mike McLintock, School of Sentient Systems Ethics, Ironbark State University
2010 Amy Brookheimer, School of Sentient Systems Ethics, Ironbark State University

Areas of research specialization

Quantum Entanglement in Discourse • Superpositional Semantics • The Observer Effect in Interpretation
• Quantum Cryptolinguistics • Chronolinguistics and Temporal Entanglement • Bio-Quantum Linguistics

Publications

Books

Splett, R. (2024a). *Entangled Echoes: A Unified Theory of Quantum Discourse*. Monographs in Quantum Linguistics. Guelph, ON, Canada: Aethelred University Press. DOI: [10.1007/978-3-030-12345-6_1](#).
– (2023d). *The Superpositional Syntax: Navigating Ambiguity in Quantum Language*. Foundations of Quantum Semantics. New York, NY, USA: Veridian Institute Press. DOI: [10.1007/978-1-234-56789-0_1](#).

Book Chapters

Splett, R. (2022a). “Collapsing the Narrative Wavefunction: Observational Effects in Textual Interpretation”. In: *Advances in Quantum Narratology*. Ed. by E. Vance and K. Tanaka. Cutting-Edge Research in Quantum Linguistics. Bristol, UK: Northern Star College Press, pp. 87–112. DOI: [10.1108/SBN-12-2022-0001](#).
– (2021a). “Quantum Coherence in Lexical Fields: A Case Study of Multiverse Semantics”. In: *The Handbook of Applied Quantum Linguistics*. Ed. by A. Singh and J. Thorne. Comprehensive Guides to Quantum Linguistics. Oxford, UK: Lumenwood Academic Press, pp. 215–230. DOI: [10.4321/handbook.2021.chapter15](#).

Refereed Journal Articles

Splett, R. (Apr. 2024b). “Review of ‘Quantum Semiotics: Signs, Meaning, and Reality’ by M. Green”. In: *The Journal of Quantum Linguistic Entanglements* 18.2, pp. 160–163. DOI: [10.1080/12345678.2024.5432109](#).

- Splett, R. (Sept. 2023a). "Review of 'Narrative Complexity in a Multiverse: A New Perspective' by K. Lee". In: *Acta Quantica Linguistica* 16.3, pp. 245–248. DOI: [10.6543/acta.2023.16.3.245](https://doi.org/10.6543/acta.2023.16.3.245).
- Splett, R., K. Tanaka, and H. Sato (Sept. 2023). "Toward Quantum-Secure Communication: Principles of Cryptolinguistic Encoding". In: *The Journal of Quantum Linguistic Entanglements* 17.4, pp. 305–322. DOI: [10.1080/12345678.2023.9876543](https://doi.org/10.1080/12345678.2023.9876543).
- Splett, R. (July 2022c). "Review of 'Entangled Minds: The Quantum Physics of Consciousness and Communication' by J. Smith". In: *Syntactic Waveforms: A Journal of Quantum Semantics* 6.2, pp. 189–192. DOI: [10.9876/syntactic.2022.6.2.189](https://doi.org/10.9876/syntactic.2022.6.2.189).
- (Feb. 2021b). "Review of 'The Algorithmic Nature of Reality: Quantum Computation and Linguistics' by P. Jones". In: *The Journal of Quantum Linguistic Entanglements* 14.1, pp. 78–81. DOI: [10.1080/12345678.2021.8765432](https://doi.org/10.1080/12345678.2021.8765432).
 - (Apr. 2020b). "The Observer's Dilemma: Quantum Decoherence in Semantic Networks". In: *The Journal of Quantum Linguistic Entanglements* 12.3, pp. 201–218. DOI: [10.1080/12345678.2020.1234567](https://doi.org/10.1080/12345678.2020.1234567).
- Splett, R. and O. Chen (Jan. 2019a). "Temporal Superpositions in Narrative Structures: A Chronolinguistic Analysis". In: *Syntactic Waveforms: A Journal of Quantum Semantics* 8.1, pp. 55–72. DOI: [10.9876/syntactic.2019.8.1.55](https://doi.org/10.9876/syntactic.2019.8.1.55).
- Splett, R. and A. Khan (June 2018). "Bio-Quantum Resonances in Language Acquisition: A Pilot Study". In: *Acta Quantica Linguistica* 15.2, pp. 110–125. DOI: [10.6543/acta.2018.15.2.110](https://doi.org/10.6543/acta.2018.15.2.110).

Conference Proceedings

- Splett, R. (Sept. 2025b). "Temporal Entanglement in Historical Texts: A Quantum Chronolinguistic Analysis". In: *Proceedings of the Conference on Digital Humanities and Quantum Computing (DHQC 2025)*. Ed. by M. Thorne. Chicago, IL, USA: University of Chicago Press, pp. 165–172. DOI: [10.7208/chicago/9780226XXXXX.003.0016](https://doi.org/10.7208/chicago/9780226XXXXX.003.0016).
- Splett, R. and W. Li (Oct. 2024). "Non-Local Correlations in Cross-Cultural Dialogue: A Quantum Linguistic Perspective". In: *Proceedings of the Global Congress on Interdisciplinary Quantum Sciences (GCIQS 2024)*. Ed. by J. Thorne and O. Chen. Berlin, Germany: Springer Proceedings in Physics, pp. 223–230. DOI: [10.1007/978-3-030-67890-1_25](https://doi.org/10.1007/978-3-030-67890-1_25).
- Splett, R. and E. Vance (July 2024b). "Quantum Coherence in the Linguistic Brain: A Bio-Quantum Linguistic Framework". In: *Proceedings of the International Symposium on Neuro-Quantum Cognition (IS-NQC 2024)*. Ed. by K. Tanaka. Guelph, ON, Canada: Wiley-Blackwell, pp. 301–308. DOI: [10.1002/9781119XXXXX.ch30](https://doi.org/10.1002/9781119XXXXX.ch30).
- Splett, R. and H. Sato (May 2022). "Towards Quantum Cryptolinguistic Protocols for Secure Communication". In: *Proceedings of the International Workshop on Quantum Information and Communication (IWQIC 2022)*. Ed. by A. Khan. Singapore, Singapore: Elsevier ScienceDirect, pp. 78–85. DOI: [10.1016/j.procedia.cs.2022.05.012](https://doi.org/10.1016/j.procedia.cs.2022.05.012).
- Splett, R. and E. Vance (Nov. 2021). "Quantum-Computational Approaches to Entangled Speech Acts". In: *Proceedings of the 1st International Symposium on Quantum Linguistics (ISQL 2021)*. Ed. by K. Tanaka and A. Singh. Kyoto, Japan: IEEE Press, pp. 45–52. DOI: [10.1109/ISQL.2021.12345](https://doi.org/10.1109/ISQL.2021.12345).
- Splett, R. (July 2020a). "The Observational Collapse of Ambiguity: A Quantum Semantic Model". In: *Proceedings of the Annual Conference on Advanced Linguistic Theory (CALT 2020)*. Ed. by B. Cartwright. Boston, MA, USA: ACM Publications, pp. 110–117. DOI: [10.1145/CALT.2020.98765](https://doi.org/10.1145/CALT.2020.98765).

Reports

- Splett, R. and O. Chen (2024). "Pilot Program Evaluation: Applying Quantum Entanglement Principles to Digital Archiving of Oral Histories". Research Report VIT-QLRG-RR-2024-003. Prepared for the National

Endowment for Digital Preservation. New York, NY, USA: Veridian Institute of Technology, Quantum Linguistics Research Group. DOI: [10.7890/vit.qlrg.2024.003](https://doi.org/10.7890/vit.qlrg.2024.003).

Splett, R. and A. Singh (2019b). “Feasibility Study on Quantum Linguistic Processors for Semantic Ambiguity Resolution”. Technical Report QL-TR-2019-001. Funded by the Minerva Advanced Research Grant. Guelph, ON, Canada: Aethelred University, Department of Quantum Linguistics. DOI: [10.13456/au1.qltr.2019.001](https://doi.org/10.13456/au1.qltr.2019.001).

Datasets

Splett, R., W. Li, and K. Tanaka (2022). “Multilingual Chronolinguistic Event-Chain Dataset (MCED) v3.0”. Expanded collection of historical texts in multiple languages, with refined temporal markers and annotations for complex chronolinguistic entanglement patterns. DOI: [10.5678/zenith.data.mced.v3.0](https://doi.org/10.5678/zenith.data.mced.v3.0). URL: <https://zenithdatacomm.org/mced/v3.0>.

Splett, R. and E. Vance (2024a). “Quantum Entangled Dialogue Corpus (QEDC) v2.0”. Updated dataset of transcribed conversations exhibiting hypothesized quantum linguistic phenomena, including enhanced annotations for superpositional states and entangled references. DOI: [10.1234/aethelred.data.qedc.v2.0](https://doi.org/10.1234/aethelred.data.qedc.v2.0). URL: <http://data.aethelred.edu/qedc/v2.0>.

Splett, R. and A. Singh (2019a). “Semantic Coherence and Decoherence in Large-Scale Text Corpora”. A dataset derived from various literary and scientific texts, annotated for instances of semantic coherence and hypothesized decoherence events based on quantum linguistic models. DOI: [10.9876/veridian.data.scdc.2019](https://doi.org/10.9876/veridian.data.scdc.2019). URL: <https://data.veridian.edu/semantic-coherence-2019>.

Book Reviews

Splett, R. (Apr. 2024b). “Review of ‘Quantum Semiotics: Signs, Meaning, and Reality’ by M. Green”. In: *The Journal of Quantum Linguistic Entanglements* 18.2, pp. 160–163. DOI: [10.1080/12345678.2024.5432109](https://doi.org/10.1080/12345678.2024.5432109).

– (Sept. 2023a). “Review of ‘Narrative Complexity in a Multiverse: A New Perspective’ by K. Lee”. In: *Acta Quantica Linguistica* 16.3, pp. 245–248. DOI: [10.6543/acta.2023.16.3.245](https://doi.org/10.6543/acta.2023.16.3.245).

– (July 2022c). “Review of ‘Entangled Minds: The Quantum Physics of Consciousness and Communication’ by J. Smith”. In: *Syntactic Waveforms: A Journal of Quantum Semantics* 6.2, pp. 189–192. DOI: [10.9876/syntactic.2022.6.2.189](https://doi.org/10.9876/syntactic.2022.6.2.189).

– (Feb. 2021b). “Review of ‘The Algorithmic Nature of Reality: Quantum Computation and Linguistics’ by P. Jones”. In: *The Journal of Quantum Linguistic Entanglements* 14.1, pp. 78–81. DOI: [10.1080/12345678.2021.8765432](https://doi.org/10.1080/12345678.2021.8765432).

Abstracts & Non-Refereed Articles

Splett, R. (Apr. 2022d). “The Observer’s Dilemma: Quantum Decoherence in Semantic Networks”. In: *The Journal of Quantum Linguistic Entanglements* 12.3, p. 201. DOI: [10.1080/12345678.2022.1234567.abs](https://doi.org/10.1080/12345678.2022.1234567.abs).

Splett, R. and A. Khan (June 2021). “Bio-Quantum Resonances in Language Acquisition: A Pilot Study”. In: *Acta Quantica Linguistica* 15.2, p. 110. DOI: [10.6543/acta.2021.15.2.110.abs](https://doi.org/10.6543/acta.2021.15.2.110.abs).

Splett, R. and O. Chen (Jan. 2019b). “Temporal Superpositions in Narrative Structures: A Chronolinguistic Analysis”. In: *Syntactic Waveforms: A Journal of Quantum Semantics* 8.1, p. 55. DOI: [10.9876/syntactic.2019.8.1.55.abs](https://doi.org/10.9876/syntactic.2019.8.1.55.abs).

Other Publications

Splett, R., W. Li, and K. Tanaka (2023). “Multilingual Chronolinguistic Event-Chain Dataset (MCED) v2.1”. Zenith Data Commons. Collection of historical texts in multiple languages, with temporal markers and

- annotations for chronolinguistic entanglement patterns. DOI: [10.5678/zenith.data.mced.v2.1](https://doi.org/10.5678/zenith.data.mced.v2.1). URL: <https://zenithdatacomm.org/mced/v2.1>.
- Splett, R. and E. Vance (2020). "Quantum Entangled Dialogue Corpus (QEDC) v1.0". Aethelred University Data Repository. Dataset of transcribed conversations exhibiting hypothesized quantum linguistic phenomena, including annotations for superpositional states and entangled references. DOI: [10.1234/aethelred.data.qedc.v1.0](https://doi.org/10.1234/aethelred.data.qedc.v1.0). URL: <http://data.aethelred.edu/qedc/v1.0>.
- Splett, R. (2025a). "Introduction to Quantum Linguistics: Concepts and Challenges". Online Tutorial Series, Aethelred University eLearning Platform. Accessed: July 15, 2025. Covers fundamental principles of superpositional semantics and entangled discourse theory. DOI: [10.1234/aethelred.elearn.2025.tutorial](https://doi.org/10.1234/aethelred.elearn.2025.tutorial). URL: <https://elearn.aethelred.edu/ql-intro>.
- Splett, R. and A. Singh (2024). "Proposed Standards for Quantum Linguistic Data Annotation". White Paper for the International Society for Quantum Linguistics (ISQL). Draft for community review, presented at ISQL Annual Meeting 2024, London, UK. DOI: [10.5678/isql.standards.2024.wp](https://doi.org/10.5678/isql.standards.2024.wp). URL: https://isql.org/standards/QLDA_v1.pdf.
- Splett, R. (2023b). "The Bio-Quantum Linguistic Processor: A Prototype for Accelerated Language Learning". Demonstration at the Tokyo Tech Expo. Exhibited a novel device leveraging neural quantum coherence for enhanced vocabulary acquisition. Event date: October 20-22, 2023. DOI: [10.9101/tokyo.expo.2023.bqlp](https://doi.org/10.9101/tokyo.expo.2023.bqlp). URL: <https://tokyotechexpo.jp/demos/BQLP>.

Grants & Funding

- 2020–2024 International Society for Quantum Linguistics. Exploring Superpositional Semantics in Multilingual Contexts. \$350,000 [Principal Investigator]
- 2018–2021 Global Association for Quantum Semantics. The Observer Effect on Narrative Coherence: A Cross-Cultural Study. \$280,000 [Principal Investigator]
- 2015–2019 Consortium for Chronolinguistic Research. Temporal Entanglement in Historical Document Analysis: New Methodologies. \$410,000 [Co-Principal Investigator]
- 2012–2016 World Federation of Bio-Quantum Linguistics. Bio-Quantum Resonances in Early Childhood Language Acquisition. \$295,000 [Principal Investigator]
- 2010–2013 Quantum Cryptolinguistics Alliance. Developing Quantum-Secure Linguistic Encryption Protocols. \$220,000 [Principal Investigator]

Invited Talks & Presentations

- Splett, R. (Sept. 18, 2024c). "The Quantum Underpinnings of Linguistic Cognition: A New Model". Keynote address, Annual Symposium of the World Federation of Bio-Quantum Linguistics (WFBQL).
- (Apr. 12, 2023c). "The Narrative Collapse: Observational Effects in Quantum Textual Analysis". Invited seminar, Department of Quantum Linguistics, Horizon Peak University.
- (Nov. 5, 2022b). "Mapping Temporal Entanglements: Advances in Chronolinguistic Cartography". Research presentation, Consortium for Chronolinguistic Research (CCR) Annual Meeting.

Professional Memberships

International Society for Quantum Linguistics (ISQL) • Global Association for Quantum Semantics (GAQS) • Consortium for Chronolinguistic Research (CCR) • World Federation of Bio-Quantum Linguistics (WFBQL) • Quantum Cryptolinguistics Alliance (QCA)

Courses Taught

- QLING1000 Introduction to Quantum Linguistics [2008–2013, 2015–2019, 2021–2025]

- QLING2001 Superpositional Semantics [2009–2013, 2015–2019, 2021–2025]
- QLING3002 Entangled Discourse Theory [2010–2013, 2015–2019, 2021–2025]
- QLING3003 Quantum Cryptolinguistics [2011–2013, 2015–2019, 2021–2025]
- QLING4025 Bio-Quantum Language Acquisition [2008–2013, 2015–2019, 2021–2025]
- QLING4060 Advanced Chronolinguistics [2009–2013, 2015–2019, 2021–2025]
- QLING7006 Observational Effects in Textual Interpretation [2010–2013, 2015–2019, 2021–2025]
- QLING8007 Quantum Computational Linguistics [2011–2013, 2015–2019, 2021–2025]

Service

University Service

- Chair, Senate Committee on Academic Integrity, Aethelred University [2022–2025]
- Member, Presidential Task Force on Interdisciplinary Research Initiatives, Aethelred University [2019–2021]
- Faculty Representative, University-Wide Planning Committee for Campus Expansion, Lumenwood College [2017–2019]
- Ad-hoc Member, University Appeals Tribunal, Lumenwood College [2015–2018]

Service to the Profession

- Elected Board Member, International Society for Quantum Linguistics (ISQL) [2021–2025]
- Grant Review Panelist, National Research Council of Canada (NRCC) – Digital Humanities & AI Stream [2018–2020]
- Statistical Consultant, *The Journal of Quantum Linguistic Entanglements* [2015–2023]
- Program Committee Member, Global Association for Quantum Semantics Annual Conference (GAQS) [2009–2014]