

DR SEBASTIAN SEQUOIAH-GRAYSON
BA (Hons) MPhil (USyd) BPhil DPhil (Oxon)

Senior Lecturer in Epistemics, School of Computer Science and Engineering,
University of New South Wales, Building K17, UNSW Sydney, NSW 2052,
Australia.

Email: s.sequoiahgrayson@unsw.edu.au

Homepage: logicalrockpools.com

Positions

2023-present: Elected Academic Board Member - Engineering Faculty Board, UNSW.

2023-present: Panel Member of the Human research Advisory Panel H: Science and Engineering, UNSW.

2023-present: Science Outreach Officer - UNSW AI Institute.

2023-present: Co-Lead, Teaching for Equity & Diversity Community of Practice (TED CoP), UNSW.

2023-present: Affiliate - ARC Centre of Excellence for Automated Decision-Making and Society (ADM+S).

2022-present: Student Representative Committee Coordinator, *School of Computer Science and Engineering*, UNSW.

2022-present: Honorary Associate, Department of Philosophy, University of Sydney.

2014-2022: Lecturer and Tutor in Logic, Epistemology, and Metaphysics, Postgraduate Study Advisor, Department of Philosophy, University of Sydney.

2018-2022: Postgraduate Study Advisor, Department of Philosophy, University of Sydney.

2010-13: Postdoctoral Research Fellow, Formal Epistemology Project, Department of Theoretical Philosophy - Faculty of Philosophy, University of Groningen, The Netherlands.

2008-10: Postdoctoral Research Fellow, Formal Epistemology Project, Centre for Logic, University of Leuven, Belgium.

2007-08: Lecturer in Philosophy, St Anne's College, University of Oxford, United Kingdom.

2008: Visiting Research Fellow, Tilburg Centre for Logic and Philosophy of Science, Tilburg University, Netherlands.

2008-12: Senior Research Associate, IEG, Department of Computer Science, University of Oxford, United Kingdom.

Areas of academic specialisation

Epistemics, Ethics and Philosophy of Computing and Artificial Intelligence, Logic.

Areas of academic competence

Formal Epistemology, Ethics of Technology, Philosophical Logic, Philosophy of Language, Philosophy of Mathematics, Philosophy of Science, Epistemology, Metaphysics, Philosophy of Mind, Philosophy of Psychology and Neuroscience, Frege.

Education

2008: D.Phil. in Philosophy, Balliol College, Faculty of Philosophy, University of Oxford, United Kingdom.

Thesis: Information and Logical Equivalence.

Supervisors: Prof. Timothy Williamson and Prof. Luciano Floridi.

Examiners: Prof. dr. Johan van Benthem (external) and Dr Volker Halbach (internal).

2005: B.Phil. in Philosophy Balliol College, Faculty of Philosophy, University of Oxford, United Kingdom. (Two-year graduate degree, assessed on 6 papers (5,000 words each) and 30,000-word thesis.)

Thesis: Information and Logical Equivalence.

Supervisors: Prof. Timothy Williamson and Prof. Luciano Floridi.

2004: M.Phil. in Philosophy Department of Philosophy, University of Sydney, Australia.

Thesis: Two-Dimensional Semantics and Doxastic Reports.

Supervisors: Prof. David Braddon-Mitchell and Dr. Michael McDermott.

2003: BA (Hons) in Philosophy (University Medal - 1st in University and First Class Honours), Department of Philosophy, University of Sydney, Australia.

Thesis: Epistemic Space and Intensional Semantics.

Supervisors: Prof. David Braddon-Mitchell and Dr. Michael McDermott.

Current and recent collaborative research projects

2024: The Ethics of AI Communication, with Emanuel Veibahn, - *Humboldt University of Berlin*, Visiting Fellow *School of Computer Science and Engineering*, UNSW.

2021: The Language and Ethics of Disinformation, with Emanuel Viebahn - *Humboldt University of Berlin*, Anderson Fellow at the *University of Sydney*.

2019-21: Substructural Approaches to Epistemic Logic, with Igor Sedlar - Institute of Computer Science, *Czech Academy of Sciences*.

2019-20: The Epistemology of Conspiracy Theories, collaborative project with the *University of Sydney* and the *University of Utrecht*.

Publications

- 202x:** Book proposal on the informativeness of deductive inference (*in preparation*).
- Revising for resubmission:** Article on analyticity and ontological neutrality in mathematics (*in preparation*).
- Revising for resubmission:** Article on free will (*in preparation*).
- 2024:** *Current and Future Issues in Computer Science: Futureshock* - Editor and contributing author, under contract with CRC Press - Taylor and Francis Group.
- 2024:** AI and Ethics, with Toby Walsh, in Sequoiah-Grayson (ed.) (2024) (*in preparation*).
- 2022:** Semantic Conceptions of Information, Stanford Encyclopedia of Philosophy. Stanford, CA: Metaphysics Research Lab, CSLI, Stanford University.
- 2021:** A Logic of Affordances, In I. Sedlar and M. Bilcha (Eds.), *Logica Yearbook 2020*, London: College Publications.
- 2020:** Negation on the neo-Australian plan, In I. Sedlar and M. Bilcha (Eds.), *Logica Yearbook 2019*, London: College Publications, pp. 131-146.
- 2018:** Logic and Information (with Maricarmen Martinez): *Stanford Encyclopedia of Philosophy* (<http://plato.stanford.edu/entries/logic-information/>).
- 2018:** Epistemic Relevance and Epistemic Actions, in K. Bimbo (ed.): *J. Michael Dunn on Information Based Logics*, Outstanding Contributions to Logic series, Springer Publications, 2016, pp. 133-146.
- 2013:** Epistemic Closure and Commuting Nonassociating Residuated Structures, *Synthese* 90(1): 113-128.
- 2013:** Formal Epistemology, the *Encyclopaedia of Philosophy and the Social Sciences*.
- 2011:** A Note on (In)Compatibility Relations, in Michael Pelis (ed.): *The Logica Yearbook 2010*, College Publications, London, 2011.
- 2010:** Lambek Calculi with 0 and Test-Failure in DPL, *Linguistic Analysis*, 36:1-4, 517-532.
- 2010:** Ajdukiewicz Functions and Basic Inference, in Michael Pelis and Vit Puncochar (eds.): *The Logica Yearbook 2009*, 259-272, College Publications, London, 2010, pp. 229-242.
- 2009:** Dynamic Negation and Negative Information, *Review of Symbolic Logic*, 2: 1, pp. 233-248.
- 2009:** A Positive Information Logic for Inferential Information, *Synthese*. 167: 2, pp. 409-431.
- 2009:** Mono-Agent Dynamics, in Xiangdong He, John Horty, and Eric Pacuit (Eds.): *Logic, Rationality, and Interaction: Second International Workshop, LORI 2009*, Chongqing, China, October 8-11, 2009, Proceedings, LNAI 5834, Springer-Verlag, Berlin Heidelberg, Germany, pp. 321-33.
- 2009:** Non-Commuting Residuation Models with Process Exclusion, in C. Drossos, P. Peppas, and C. Tsınakis (Eds.): *Proceedings of the 7 th Pan-Hellenic Symposium of Logic*, Patras University Press, pp. 79-84.

- 2009:** Negative Information and Informational Asymmetry, Jordi Vallverdu (ed.): ECAP09, *Proceedings of the 7th European Conference on Philosophy and Computing*, Universitat Autònoma de Barcelona, pp. 123-25.
- 2009:** A Procedural Interpretation of Split Negation, Michael Pelis (ed.): *The Logica Yearbook 2008*, College Publications, London, 2009, pp. 211-22.
- 2009:** Editor (with Luciano Floridi): The Philosophy of Information and Logic, special edition of *Synthese*, March 2009, section: *Knowledge, Rationality, and Action*.
- 2008:** The Scandal of Deduction, *Journal of Philosophical Logic*, 37: 1, pp. 67-94.
- 2008:** Metasemantic Information and the Scandal of Deduction, in Michael Pelis (ed.): *The Logica Yearbook 2007*, Filosofia, Prague, pp. 171-86.
- 2007:** The Metaphilosophy of Information, *Minds and Machines*, 17: 3, pp. 331-344.
- 2007:** Information Gain from Inference, in Xabier Arrazola and Jesus M. Larrazabal (eds.): *LogKCA-07: Proceedings of the First ILCLI International Workshop on Logic and Philosophy of Knowledge, Communication and Action*, The University of Basque Country Press, Donostia, pp. 351-360.
- 2006:** Information Flow and Impossible Situations, *Logique et Analyse*, 49: 196, pp. 371-398.

Reviews, columns, and short pieces etc.:

- 2012:** Review: Sommaruga G. (2009): Formal Theories of Information: From Shannon to Semantic Information Theory and General Concepts of Information, LNCS 5363, Berlin, Springer-Verlag, *Minds and Machines*, 22:35-40.
- 2011:** The Logical Approach to Formal Epistemology, *Qualia*.
- 2009:** In Man's Own Image, *Exposition*, Issue 1, Michaelmas 2009, University of Oxford, 28-31.
- 2009-10:** Formal Philosophy Report, weekly post to *LORIWEB*.
- 2009-10:** What's Hot in Formal Epistemology? Monthly column in *The Reasoner*.
- 2009:** Interview with Igor Douven, *The Reasoner*, May issue.
- 2009:** Editorial for *The Reasoner*, May issue.

Presentations

Invited:

- 2019:** Rules and Action, *SEGA Workshop*, University of Bayreuth, July 18-20.
- 2018:** Freedom, Compulsion, and Personhood, *Departmental Seminar*, Department of Philosophy, University of Sydney, August 29.
- 2013:** Dualising on Implicit and Explicit Knowledge II, *Prague Workshop on Non-Classical Epistemic Logics*, Department of Logic, Institute of Philosophy ASCR and Faculty of Arts, Charles University, Prague, Czech Republic, June 22-23.

2013: Attitudes and Duals, *LiRA Seminar*, Institute for Logic, Language, and Computation (ILLC), Amsterdam, The Netherlands, May 14.

2013: Hume’s Principle and Ontological Neutrality: a neo–neo–Fregean Proposal, Munich Centre for Mathematical Philosophy, University of Munich, January 17.

2012: Dualising on Implicit and Explicit Knowledge, *Prague Workshop on Non–Classical Epistemic Logics*, Departments of Logic, Institute of Philosophy ASCR and Faculty of Arts, Charles University, Prague, Czech Republic, June 14–16.

2012: Epistemic Operations, *Fourth Workshop on the Philosophy of Information*, University of Hertfordshire, United Kingdom, May 10–11.

2012: Action-Typing, *Logic Group Seminar*, National Technical University of Athens, Greece, April 26.

2012: Metaphysical Safety: From Platonism to Noneism via Hume’s Principle, *Philosophy Colloquium*, University of Nevada Las Vegas, USA, March 23.

2011: Modelling Epistemic ActionsÉAgainÉ., *Roots of Deduction Workshop*, Department of Theoretical Philosophy, University of Groningen, The Netherlands, November 29–30.

2011: A Note on Epistemic Logic, *STUFF Seminar*, Department of Theoretical Philosophy, University of Groningen, The Netherlands, November 8.

2011: Unifying Relevant, Epistemic, and Justification Logics, *Prague Workshop in Epistemic Logics*, Departments of Logic, Institute of Philosophy ASCR, and Faculty of Arts, Charles University, Prague, Czech Republic, June 16–17.

2011: Incompatibility, *Brown Bag Seminar*, Faculty of Philosophy, University of Groningen, Netherlands, April 19.

2011: Epistemic Actions for Non-Ideal Agents, *20th Workshop on Games, Logic, Language, and Computation – Epistemic Actions for Non-Ideal Agents*, ILLC, Amsterdam, February 21.

2011: Modelling Epistemic Actions, *Substructural Logics, Dynamics, and Interaction* – special session of the Logic, Interaction, and Rationality seminar series, ILLC, Amsterdam, January 24.

2010: Structured Reasoning as Database Constraints, *Second International Workshop on the Philosophy of Information*, Anakara, Turkey, May 20–21.

2010: (In)Compatibility Relations, Operational Semantics, and Test-Failure, *DIP-Colloquium*, Institute for Logic, Language, and Computation (ILLC), University of Amsterdam, The Netherlands, March 12.

2010: Lexicons and Databases, Agents and Systems, *The Data Explosion Seminar Series*, Centrum Wiskunde and Informatica, Amsterdam Science Park, The Netherlands, March 11.

2010: Non-Stop Action: The Agent as a Database, *Internal Seminar*, Formal Epistemology Project, University of Leuven, Belgium, February 23.

2010: Epistemic Closure and Information Processing, *International Workshop on the Philosophy of Information and Computing Sciences*, Lorentz Centre, Leiden, The Netherlands, February 8–12.

2009: Negation and Process, *Philform*, IHPST, The Sorbonne, Paris 1, France, April 27.

2008: A Procedural Interpretation of Split Negation, *Logic Tea Colloquium*, Institute for Logic, Language, and Computation (ILLC), University of Amsterdam, The Netherlands, September 15.

2008: Inferential Information-Gain and Negative Information, *EPS-Research Seminar*, Tilburg Institute for Logic and Philosophy of Science, Tilburg University, The Netherlands, March 27.

2007: Revising Who's Logic? Reply to Hartry Field's Revising Our Logic: Keynote at the *11th Annual Oxford Philosophy Graduate Conference*, University of Oxford, November 10-11.

2007: A Positive Information Logic, PIL-07, *The First Workshop on the Philosophy of Information and Logic*, IEG, Faculty of Philosophy, University of Oxford, 3 - 4 November. 2005: Information Flow and Relevance Semantics, Research Seminar of the IEG, Computing Laboratory, University of Oxford.

2003: Two-Dimensional Semantics and Doxastic Reports, *Research Seminar* at the Faculty of Philosophy, University of Sydney.

2002: Two Notions of A-Priority, *3rd Annual Conference of the Russellian Philosophical Society*, University of Sydney.

Refereed:

2019: Negation on the neo-Australian Plan, *Logica 2019*, 33rd International Symposium, Hejnice Monastery, Czech Republic, June 24-28.

2013: Positive Introspection and Neo-Infinitism, *Logica 2013*, 26th International Symposium, Hejnice Monastery, Czech Republic, June 17-21.

2012: Epistemic Duals and Explicit Considerations, *Logica 2012*, 25th International Symposium, Hejnice Monastery, Czech Republic, June 18-22.

2011: Logical Hyperintensionality: From Consequences to Actions, *14th Congress of Logic, Methodology, and Philosophy of Science (CLMPS)*, Nancy, France, July 19-26.

2011: Analyticity and Existence, *Logica 2011: 25th International Symposium*, Hejnice Monastery, Czech Republic, June 20-24.

2010: What is a Deduction? Integrating Logical, Psychological, and Philosophical Perspectives, [logic component], with Catarina Dutilh [philosophical component], and Andy Fugard and Niki Pfeifer [psychological component], *2010 meeting of the European Society for Philosophy and Psychology (ESPP)*, Essen, Germany, August.

2010: Non-symmetric (In)Compatibility Relations and Non-Commuting Types, *Logica 2010: 24th International Symposium*, Hejnice Monastery, Czech Republic, June 24-25.

2010: Permuting Nonassociating Lambek Calculi and Cognitive Grammars, *UNILOG III*, April 22-25, Lisbon, Portugal.

2010: Negation as Test-Failure in DPL and Negation as Process Exclusion in Categorical Grammar, *UNILOG III*, April 22-25, Lisbon, Portugal.

2009: Mono-Agent Dynamics, *LORI-II: The Second Workshop on Logic, Rationality, and Interaction*, Chongqing, China, October 8-11.

2009: Non-Commuting Residuation Models with Process Exclusion, *PLS7: The Seventh PanHellenic Logic Symposium*, Patras, Greece, July 15-19.

2009: Negative Information and Informational Asymmetry, *ECAP-09*, Barcelona, Spain, July 02-04.

2009: Ajdukiewicz Functions and Basic Inference, *Logica 2009: 23rd International Symposium*, Hejnice Monastery, Czech Republic, June 22-26.

2008: Negative Information and Split Negation, *Logica 2008: 22nd International Symposium*, Hejnice Monastery, Czech Republic, June 16-20.

2007: Information Gain from Inference, *LogKCA-07, International Workshop on Logic and Philosophy of Knowledge, Rationality, and Action*, Donostia San Sebastian, Spain, 28-30 November, 2007.

2007: Metasemantic Information and the Scandal of Deduction, *Logica 2007: 21st International Symposium*, Hejnice Monastery, Czech Republic, June 18-22.

2006: From Semantic Information to Psychological Information, *E-CAP 2006*, European Conference on Computing and Philosophy, Norwegian University of Science and Technology, Trondheim, Norway, June 22-24.

Teaching and Supervision

Teaching Awards:

Sixteen Commendations for Teaching at the *University of Sydney*.

Supervision:

- Phd supervision - Dr Shang Lu - Demarcation Problems for Meta-Theories - Completed 2022 - *University of Sydney*.
- Current honours thesis projects (1) Epistemics - (2) Ethics in Computing and Technology - (3) Sonification, Reverse-sonification, and Sonic Representation Design, UNSW. Five students in-progress, Eight students completed.

Subjects taught:

Ethics of computer Science - Philosophy of Science - Logic and Computation - Symbolic Logic - Non-Classical Logic - Logic and Proof - Logical Pluralism - Philosophy of Information - Formal Epistemology - Philosophy of Psychology and Neuroscience - Problems of Empiricism - Philosophy of Mind - Philosophy of Logic and Language - Philosophy of Mathematics - Epistemology - Metaphysics - Frege: Foundations of Arithmetic - History of Philosophy from Descartes to Kant - Frege, Russell, and Wittgenstein - Moral Psychology - Aesthetics - Ethics of Technology.

Details:

2023: Lecturer and Convenor, School of Computer Science and Engineering, University of New South Wales, *COMP4920/SENG4920 Professional Issues and Ethics. under way*

2023: Lecturer, School of Computer Science and Engineering, University of New South Wales, *COMP3511/COMP9511 Human Computer Interaction*. Student myExperience survey result - Teacher report **95.4%**.

2023: Lecturer and Convenor, School of Computer Science and Engineering, University of New South Wales, *COMP4920/SENG4920 Professional Issues and Ethics*. Student myExperience survey result - Course report **90.4%**, Teacher report **97.1%**.

2022: Lecturer and Convenor, School of Computer Science and Engineering, University of New South Wales, *COMP4920/SENG4920 Professional Issues and Ethics*. Student myExperience survey result - Course report **87.4%**, Teacher report **99.1%**.

2022: Tutor, School of Computer Science and Engineering, University of New South Wales, *COMP4920/SENG4920 Professional Issues and Ethics*. Student myExperience survey result **100%**.

2022: Tutor, School of Computer Science and Engineering, University of New South Wales, *COMP6441/COMP6841 Security Engineering*. Student myExperience survey result **100%**.

2021: Coordinator and co-lecturer (large cohort, 2200+ students), Department of Philosophy, University of Sydney, *Symbolic Logic*. Student survey result **4.36/5.00**.

2021: Lecturer and Coordinator, Department of Philosophy, University of Sydney, *Philosophy of Information*. Student survey result **4.81/5.00**.

2020: Lecturer and Coordinator (large cohort, 1100+ students), Department of Philosophy, University of Sydney, *Symbolic Logic*. Student survey result **4.72/5.00**.

2020: Lecturer and Coordinator, Department of Philosophy, University of Sydney, *Philosophy of Information*. Student survey result **4.57/5.00**.

2019: Lecturer and Coordinator, Department of Philosophy, University of Sydney, *Knowledge, Reason, and Action*. Student survey result unavailable.

2019: Lecturer and Coordinator (large cohort, 1300+ students), Department of Philosophy, University of Sydney, *Symbolic Logic*. Student survey result **4.60/5.00**.

2019: Lecturer and Coordinator, Department of Philosophy, University of Sydney, *Philosophy of Information*. Student survey result **4.56/5.00**.

2018: Lecturer and Coordinator, Department of Philosophy, University of Sydney, *Philosophy of Science*. Student survey result **4.25/5.00**.

2018: Lecturer and Coordinator (large cohort, 500+ students), Department of Philosophy, University of Sydney: *Symbolic Logic*. Student survey result **4.62/5.00**.

2018: Lecturer and Coordinator, Department of Philosophy, University of Sydney: *Knowledge, Reason, and Action*. Student survey result **4.00/5.00**.

2018: Tutor, Department of Philosophy, University of Sydney: *Logic and Computation*. Student survey result **4.71/5.00**.

2017: Lecturer, Coordinator, and Tutor, (large cohort, 500+ students) Department of Philosophy, University of Sydney: *Symbolic Logic*. Student Survey Result **4.90/5.00** (Lectures), **4.57/5.00** (Tutorials).

2017: Lecturer (large cohort, 300+ students), Department of Philosophy, University of Sydney: *Epistemology*.

2017: Tutor (large classes, 25 students apiece), Department of Philosophy, University of Sydney: *Logic and Proof*. Student survey result **4.82/5.00**.

2017: Lecturer (large cohort, 100+ students), Coordinator, and Tutor, Department of Philosophy, University of Sydney, *winter school: Symbolic Logic*. Student survey result **4.90/5.00** (Lectures).

2017: Lecturer, Coordinator, and Tutor, Department of Philosophy, University of Sydney: *Philosophy of Science*. Student survey result **5.00/5.00** (Lectures), **4.75/5.00** (Tutorials).

2017: Tutor (large classes, 25 students apiece), Department of Philosophy, University of Sydney: *Reality, Ethics, and Beauty*. Student survey result **4.64/5.00**.

2016: Lecturer, Coordinator, and Tutor, Department of Philosophy, University of Sydney: *Problems of Empiricism*. Student survey result **4.86/5.00** (Lectures), **4.89/5.00** (tutorials).

2016: Tutor (large classes, 25 students apiece), Department of Philosophy, University of Sydney: *Non-Classical Logic*. Student survey result **4.57/5.00**.

2016: Tutor (large classes, 25 students apiece), Department of Philosophy, University of Sydney: *Symbolic Logic*. Student survey result **4.81/5.00**.

2016: Lecturer (large cohort, 300+ students apiece), Department of Philosophy, University of Sydney: *Epistemology*. Student survey result **4.23/5.00**.

2016: Tutor (large classes, 25 students apiece), Department of Philosophy, University of Sydney: *Knowledge, Reason, and Action*. Student survey result **4.65/5.00**.

2016: Lecturer, Coordinator, and Tutor, Department of Philosophy, University of Sydney: *Symbolic Logic* (Winter School). Student survey result **4.89/5.00** (Lectures).

2016: Tutor (large classes, 25 students apiece), Department of Philosophy, University of Sydney: *Reality, Ethics, and Beauty*. Student survey result **4.80/5.00**.

2015: Lecturer and Coordinator (400+ students), Department of Philosophy, University of Sydney: *Symbolic Logic*. Student survey result **4.48/5.00**.

2015: Tutor (large classes, 25 students apiece), Department of Philosophy, University of Sydney: *Symbolic Logic*. Student survey result **4.80/5.00**.

2015: Tutor (large classes, 25 students apiece), Department of Philosophy, University of Sydney: *Moral Psychology*. Student survey result **4.42/5.00**.

2015: Tutor (large classes, 25 students apiece), Department of Philosophy, University of Sydney: *Reality, Ethics, and Beauty*. Student survey result **4.73/5.00**.

2014: Tutor (large classes, 25 students apiece), Department of Philosophy, University of Sydney: *Symbolic Logic*. Student survey result **4.75/5.00**.

2014: Tutor (large classes, 25 students apiece), Department of Philosophy, University of Sydney: *Reality, Ethics, and Beauty*. Student survey result **4.55/5.00**.

2012-13: Supervisor, Faculty of Philosophy, University of Groningen, Bachelor Thesis: *A Bayesian Approach to Paradigm Shifts – H. Siebe*.

2012-13: Supervisor, Faculty of Philosophy, University of Groningen, Bachelor Thesis: *About Advising Advice – Arthur Constandse*.

2012-13: Supervisor, Faculty of Philosophy, University of Groningen, Bachelor Thesis: *Structure and Success – Thomas Rijssenbeek*.

2012: Lecturer, Faculty of Philosophy, University of Groningen, Undergraduate Lecture Series: *Philosophy of Science II*.

2012: Lecturer, Faculty of Philosophy, University of Groningen, Undergraduate Lecture: *Philosophy of Action (Wayward Causal Chains)*.

2011: Lecturer, Faculty of Philosophy, University of Groningen, Undergraduate Lecture Series: *Philosophy of Science II*.

2011: Lecturer, Faculty of Philosophy, University of Groningen, Undergraduate Lecture: *Philosophy of Action (Wayward Causal Chains)*.

2010: Coordinator, Centre for Logic and Analytical Philosophy, University of Leuven, Graduate Seminar: *Logical Pluralism*.

2009: Coordinator, Centre for Logic and Analytical Philosophy, University of Leuven, Graduate Seminar: *Formal Epistemology*.

2008: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Logic and Language*.

2008: Tutor, St Hugh's College, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Mathematics*.

2008: Tutor, Hertford College, University of Oxford, Individual (one-to-one) revision classes: *Philosophy of Mathematics*.

2008: Tutor, Hertford College, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Logic and Language*.

2008: Tutor, Lady Margaret Hall, University of Oxford, Individual (one-to-one) tutorials: *Frege, Russell, and Wittgenstein*.

2008: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Mind*.

2008: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Science*.

2008: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) revision classes: *Philosophy of Logic and Language*.

2008: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) revision classes: *Knowledge and Reality*.

2008: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) revision classes: *Philosophy of Science*.

2008: Tutor, St-Anne's College, University of Oxford, Large Classes: *General Philosophy*.

2008: Tutor, St Anne's College, University of Oxford, Small classes: *Elementary Logic*.

2008: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) tutorials: *Knowledge and Reality*.

2008: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) revision classes: *Philosophy of Science*.

2008: Tutor St Anne's College, University of Oxford, Individual (one-to-one) revision classes: *History of Philosophy from Descartes to Kant*.

2008: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) revision classes: *Knowledge and Reality*.

2007: Tutor, St Anne's College, University of Oxford, Large Classes: *Elementary Logic*.

2007: Tutor, Williams-Exeter Program at Oxford, Exeter College, University of Oxford, Individual (one-to-one) tutorials: *Frege, Russell, and Wittgenstein*.

2007: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) tutorials: *Knowledge and Reality*.

2007: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) tutorials: *History of Philosophy from Descartes to Kant*.

2007: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) tutorials: *Frege: Foundations of Arithmetic*.

2007: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Psychology and Neuroscience*.

2007: Tutor, Mansfield College, University of Oxford, Individual (one-to-one) tutorials: *Ethics of Technology*.

2007: Tutor, Brasenose College, University of Oxford, Individual (one-to-one) revision class: *Philosophy of Science, and Philosophy of Psychology and Neuroscience*.

2007: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) revision classes: *Philosophy of Science*.

2007: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) revision classes: *Philosophy of Psychology and Neuroscience*.

2007: Tutor, Mansfield College, University of Oxford, Individual (one-to-one) tutorials: Philosophy of Psychology and Neuroscience.

2007: Tutor, Mansfield College, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Science*.

2007: Tutor, Wycliffe Hall, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Psychology and Neuroscience*.

2007: Tutor, Wycliffe Hall, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Science*.

2006: Tutor: Greyfriars Hall, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Language*.

2006: Tutor, The Oxford Program for Undergraduate Studies (OPUS), Christ Church College, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Logic*.

2006: Tutor, The Oxford Program for Undergraduate Studies (OPUS), Christ Church College, University of Oxford, Individual (one-to-one) tutorials: *Modern Philosophy: From Frege to Kripke*.

2006: Tutor, St Hilda's College, University of Oxford, Individual (one-to-one) tutorials: *Frege, Russell, and Wittgenstein*.

2006: Tutor, Hertford College, University of Oxford, Individual (one-to-one) tutorials: *Frege: Foundations of Arithmetic*.

2006: Tutor, Brasenose College, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Psychology and Neuroscience*.

2006: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Science*.

2006: Tutor, St Anne's College, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Psychology and Neuroscience*.

2006: Tutor, Brasenose College, University of Oxford, Individual (one-to-one) tutorials: *Philosophy of Science*.

2005: Teaching Assistant, Hertford College, University of Oxford, Class of seven students: *Elementary Logic*.

2005: Teaching Assistant, Oriel College, University of Oxford, Two classes (one class of six students and one class of seven): *Elementary Logic*.

2003: Tutor, Department of Philosophy, University of Sydney, Undergraduate Departmental Classes: *Society, Knowledge, and Reason*.

Professional experience

2019-20: Panel Member for Academic Board/University Executive Thematic review 2020: The Quality of English Language Pathways and Support at the University of Sydney.

2019-20: Dalyell Academic Mentor for advanced students on the Dalyell Award Program, *University of Sydney*.

2018-20: Departmental representative for University Information/Open Days, *University of Sydney*.

2020: Program Committee member for *Logica 2020*.

2019-20: Philosophy Seminar Coordinator, *University of Sydney*.

2019: Panel Member for *Department of Philosophy Teaching Day*

2019: Program Committee member for *Logica 2019*.

2018: Program Committee member for *Logica 2018*.

2017: Referee for *Journal of Logic and Computation*.

2017: Program Committee member for *Logica 2017*.

2016: Referee for *Synthese*.

2016: Program Committee member for *Logica 2016*.

2015: Referee for *Notre Dame Journal of Formal Logic*.

2015: Program Committee member for *Logica 2015*.

2014: Referee for the *British Journal of Philosophy of Science*.

2014: Referee for the *Australasian Journal of Philosophy*.

2013: Program Committee member for *Logica 2013*.

2013: Member of Organising Committee for *GroLog* logic seminar series, Department of Theoretical Philosophy, University of Groningen, The Netherlands.

2012: External Examiner for PhD thesis in formal philosophy.

2012: Referee for *Journal of Philosophical Logic*.

2012: Session Chair for *Logica 2012*.

2012: Referee for submissions to *Philosophy and Computation*, Lund, Sweden, May 12-13.

2012: Referee of book proposal for *Palgrave Macmillan*.

2012: Referee for submission to proceedings of *ESSLLI 2010-2011*, Thomas Icard and Reinhard Muskens (eds.), Springer Publications.

2011: Interviewed for short film promoting the Faculty of Philosophy at the University of Groningen to the overseas market.

2011: Referee for the *Journal of Philosophical Logic*.

2011: Referee for *Studia Logica*.

2010: Program Committee Member, *LogKCA-10*, Donostia, San-Sebastian, November 35.

2010: Program Committee Member, *Amsterdam Graduate Philosophy Conference*, ILLC, Amsterdam, September 30 October 2.

2010: Referee for *European Summer School of Logic, Language, and Information* (ESSLLI).

2010: Referee for *Philosophical Psychology*.

2010: Referee for *Synthese*.

2010: Invited Participant in the *Philosophy of Information and Computing Sciences workshop*, Lorentz Centre, Leiden University, The Netherlands, February 812.

2009: Referee for *Review of Symbolic Logic*.

2009: Referee for *Synthese*.

2009: Session Chair for *Logica 2009*.

2009: Referee for *Erkenntnis*.

2009: Manuscript Referee for *Springer Publications*.

2008-11: Designer and Content Manager of the project website for the *Formal Epistemology Project* at the Centre for Logic, Institute of Philosophy, University of Leuven, Belgium: www.formalphilosophy.org.

2008-11: Organiser of the *Formal Philosophy Seminar* series, Centre for Logic, Institute of Philosophy, University of Leuven, Belgium.

2008-09: Organiser and Moderator of the *Oxford Logic Email List*: logic@maillist.ox.ac.uk.

2008: Referee for *Synthese*.

2008: Member of the Local Organising Committee for *Studia Logica Trends in Logic VI: Logic and the Foundations of Physics: Space, Time, and Quanta*, University Foundation, Brussels, December 1112, 2008.

2007-08: Stipendiary Lecturer, St Anne's College, University of Oxford. Full range of academic duties required for the running of philosophy at St Anne's, including but not limited to the following: Admissions and Interviews: Subject and tutor allocations: The setting and marking of collections: Personal Tutor for large section of the undergraduate body.

2007: Editor (with Luciano Floridi) of a *Knowledge, Rationality, and Action* (KRA) issue of *Synthese*, dedicated to the proceedings of the *First Workshop on the Philosophy of Information and Logic*, November 3 4, 2007, University of Oxford.

2007: Organizer of the *First Workshop on the Philosophy of Information and Logic*, November 3 4, 2007, University of Oxford.

2007: Designed and submitted successful funding proposal to the Faculty of Philosophy, University of Oxford for the *First Workshop on the Philosophy of Information and Logic*, November 3 4, 2007, University of Oxford. Funding secured: £1,770.00.

2007: Referee for the *11th Annual Oxford Philosophy Graduate Conference*, University of Oxford

2007-08: Appointed member of the *Philosophy User Group*, advisory panel to the *Radcliffe Infirmary Site Project Group*, overseeing the relocation of faculty units to the redeveloped Radcliffe Infirmary Site, Faculty of Philosophy, University of Oxford.

2007: Designed and submitted, with Ofra Magidor, a successful proposal for the introduction of regular yearly classes on *Formal Methods for Graduates* at the Faculty of Philosophy, University of Oxford.

2007: Referee for *Philosophical Papers*.

2007: Referee for *E-CAP 2007*, European Conference on Computing and Philosophy, University of Twente, Enschede, The Netherlands: Research track number 4, Philosophy of Information and Information Technology.

2007: Referee for *Traffic*.

2007: Collection Marking, Brasenose College, University of Oxford: Philosophy of Psychology and Neuroscience.

2007: Collection Marking, Brasenose College, University of Oxford: Philosophy of Science.

2006-07: Elected Chairperson of the *Graduate Joint Consultative Committee*, Faculty of Philosophy, University of Oxford.

2006-07: Committee Member of the *Jowett Philosophical Society*, Faculty of Philosophy, University of Oxford.

2006: Assisted with the organizing of tuition, Wycliffe Hall, University of Oxford.

2006: Session Chair, *10th Annual Oxford Philosophy Graduate Conference*, University of Oxford.

2006: Collection Marking, Brasenose College, University of Oxford: Philosophy of Psychology and Neuroscience.

2006: Collection Marking, Brasenose College, University of Oxford: Philosophy of Science.

2006: Collection Marking, St Anne's College, University of Oxford: Philosophy of Psychology and Neuroscience.

2006: Collection Marking, St Anne's College, University of Oxford: Philosophy of Science.

2006: Referee for the *10th Annual Oxford Philosophy Graduate Conference*, University of Oxford.

2005: Referee for the *9th Annual Oxford Philosophy Graduate Conference*, University of Oxford.

2003: Provided whole-text and chapter abstracts with keywords for the *Oxford Scholarship Online* project, Oxford University Press: <http://www.oxfordscho->

larship.com/oso/public/index.html, Text: Unger, P. (2002): Philosophical Relativity, Oxford University Press: <http://www.oxfordscholarship.com/oso/public/content/philosophy/019515553X/toc.html>.

2002: Collated the David Lewis David Armstrong correspondence for the Lewis Archives, Princeton University, University of Sydney.

2001: Honorary Life Member, *The Rusellian Philosophical Society*, University of Sydney.

2001: Vice President, *The Rusellian Philosophical Society*, University of Sydney.

Academic awards and scholarships

2018: FASS Research Incubator Award - Project: *Epistemic Actions*.

2008: Project Grant, *Domus Fund*, Balliol College, University of Oxford.

2007-08: *Wingate Scholarship*, The Harold Hyam Wingate Foundation.

2007: Project Grant, *Neil Bruce Travel Fund*, Balliol College, University of Oxford.

2007: *Herbertson Fund Project Grant*, Balliol College, University of Oxford.

2006: *Junior Research Associate*, IEG, Computing Laboratory, University of Oxford.

2006: *Fawkes Memorial Fund Project Grant*, Balliol College, University of Oxford.

2006: *Mouat Jones Fund Project Grant*, Balliol College, University of Oxford.

2003-06: *Clarendon Award*, University of Oxford.

2003-06: *Overseas Research Scholarship (ORS)*, University of Oxford.

2003-06: *Hannah Fullerton Scholarship*, University of Sydney.

2003-04: *Faculty of Arts Postgraduate Scholarship*, University of Sydney.

2003-04: *University of Sydney Postgraduate Award (UPA)*, University of Sydney.

2002: *University Medal*: 1st in University for degree, Philosophy, University of Sydney.

2002: *Andrew Donald Campbell Memorial Prize* (best IVth year paper in epistemology or metaphysics), University of Sydney.

2002: *University of Sydney Honours Scholarship*, University of Sydney.

2001: *Annual Logic Summer School Scholarship*, Automated Reasoning Group (ARG), Research School for Information Sciences and Engineering (RSISE), Australian National University.

2001: Entered on *Dean's List of Excellence in Academic Performance*, University of Sydney.

2001: *Lithgow Scholarship no IV for Philosophy III* (1st in University), University of Sydney.

2000: *G S Caird Scholarship for Philosophy II* (1st in University), University of Sydney.

2000: Inducted as life member of the *Golden Key National Honour Society*, University of Sydney.

Referees

Prof. Timothy Williamson, New College, Oxford, OX1 3BN, UK Oxford:
timothy.williamson@philosophy.ox.ac.uk

Prof. Luciano Floridi, St Cross College, OX1 3LZ, UK:
luciano.floridi@philosophy.ox.ac.uk

Prof. Aaron Quigley, CSIRO - Data61, Level 5/13 Garden St, Eveleigh NSW
2015, Australia:
aaron.quigley@data61.csiro.au

Prof. Bob Coecke, Cambridge Quantum Computing, Second Floor, Partnership
House, Carlisle Place, London, SW1P 1BX, UK:
bob.coecke@cambridgequantum.com

Prof. Richard Buckland, School of Computer Science and Engineering, Com-
puter Science Building (K17), Engineering Rd, UNSW Sydney, Kensington
NSW 2052, Australia.
richardb@unsw.edu.au

Prof. Moira Gatens Department of Philosophy, *University of Sydney*, Main
Quad, A14, Camperdown, 2006, Australia:
moira.gatens@sydney.edu.au

Prof. Igor Douven, French National Centre for Scientific Research — CNRS ·
Institut des Sciences humaines et sociales (INSHS), Paris France:
igor.douven@gmail.com

Prof. dr. Johan F. A. K. van Benthem, Institute for Logic, Language, and Com-
putation (ILLC), University of Amsterdam, Plantage Muidergracht 24, 1018 TV
Amsterdam, Netherlands:
johan@science.uva.nl