

1 Contact Details

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2 Career

Current: Professor of Philosophy & Chair of Humanities, School of Arts & Communication, Florida Institute of Technology. (Associate Professor until Spring 2014; Assistant Professor until Spring 2007.)

Courses taught:

- COM 5355 *Special topic in technical and professional communication: Argumentation theory*
- HUM 3905 *Humanities junior seminar: Virtues*
- HUM 3585 *Special topic in philosophy: Philosophy of mathematics*
- HUM 3585 *Special topic in philosophy: Philosophy of science*
- HUM 3541 *Philosophy of law*
- HUM 3531 *Philosophy of science*
- HUM 3085 *Special topic in humanities: Recent issues in logic*
- HUM 2510 *Logic*
- HUM 2052 *Civilization II: Renaissance through modern*
- HUM 2051 *Civilization I: Ancient through medieval*

Previous: Lecturer in Philosophy, School of Philosophy, Psychology, & Language Sciences, University of Edinburgh.

Courses taught:

- *Mathematical logic & philosophy of mathematics* [Honours & Masters]
- *Philosophy of science* [Honours]
- *Philosophy 2A* [Second year metaphysics course]
- *Philosophy of science 1H* [First year]

3 Education

Ph.D. Logic & Metaphysics, University of St Andrews. Thesis: *Revising logic*, supervisor Stephen Read, examiners Peter Clark and David Miller. Graduated 2001.

M.Litt. Logic & Metaphysics, University of St Andrews. Thesis: *Gaps, gluts and paradoxes: A comparison of some deviant approaches to the paradoxes of self-reference*, supervisor Stephen Read. All requirements completed 1994.

B.A. (Hons.) Philosophy, Grey College, University of Durham. Thesis: *Some philosophical problems concerning infinity*, supervisor Barry Gower. Graduated 1993.

4 Publications

4.1 Books

Rhetoric: The art of persuasion (with Adina Arvatu). (Glastonbury: Wooden & New York, NY: Bloomsbury, 2015).

- Reprinted in *Trivium: The classical liberal arts of grammar, logic, & rhetoric*, John Martineau, ed. (New York, NY: Bloomsbury, 2016), pp. 233–91.

4.2 Edited Collections

Views from other domains. Section of *Handbook of the history and philosophy of mathematical practice*. (Cham: Springer, forthcoming).

- Contributors include: James Franklin; Mitch Reyes; Patrick Allo, Bart Van Kerkhove, & Jean Paul Van Bendegem.

Virtue theory of mathematical practices (with Colin Jakob Rittberg & Fenner Stanley Tanswell). *Synthese*, forthcoming.

- Contributors include: Line Edslev Andersen, Hanne Andersen, & Henrik Kragh Sørensen; Paul Ernest; John Heron; Laura Kotevska; James V. Martin; Rebecca Lea Morris; Deborah Kant & Deniz Sarikaya; Fenner Stanley Tanswell & Ian James Kidd.
- Available online at <https://t.co/AQkaEziJSe>.

Mathematical evidence and argument (with Christine Knipping & Maria Alessandra Mariotti). *ZDM mathematics education* 51(5), 2019, pp. 717–868.

- Contributors: Daniel Sommerhoff & Stefan Ufer; Leander Kempen & Rolf Biehler; Esther Brunner & Kurt Reusser; Anna Baccaglioni-Frank; Maria Alessandra Mariotti & Bettina Pedemonte; Samuele Antonini; David A. Reid & Estela A. Vallejo Vargas; Andrew Aberdein; Henrik Kragh Sørensen, Kristian Danielsen, & Line Edslev Andersen; Gregor Nickel; Colin Jakob Rittberg & Bart Van Kerkhove.
- Available online at <https://link.springer.com/journal/11858/51/5>.

Advances in experimental philosophy of logic and mathematics (with Matthew Inglis). (London: Bloomsbury, 2019).

- Contributors: Andrew Aberdein & Matthew Inglis; Benedikt Löwe & Bart Van Kerkhove; Helen De Cruz; Catarina Dutilh Novaes; Josephine Relaford-Doyle & Rafael Núñez; Keith Weber & Juan Pablo Mejía-Ramos; Robert Barnard & Joseph Ulatowski; Igor Douven; Moti Mizrahi; David Over & Nicole Cruz; Michael J. Shaffer & James Beebe.
- Reviewed by Mark Zelcer, *Philosophia* 48(3), 2020, pp. 1283–7.
- Available online at <https://philpapers.org/rec/ABEAIE>.

Virtues and arguments (with Daniel H. Cohen). *Topoi* 35(2), 2016, pp. 339–460.

- Contributors: David Godden; Juli K. Thorson; Sharon Bailin & Mark Battersby; Katharina Stevens; Iovan Drehe; Ian James Kidd; Jack M. C. Kwong; Andrew Aberdein; Andrew Ball; Scott F. Aikin & John P. Casey; José Ángel Gascón; Daniel H. Cohen & George Miller.
- Available online at <https://link.springer.com/journal/11245/volumes-and-issues/35-2>.

The argument of mathematics (with Ian J. Dove). (Dordrecht: Springer, 2013).

- Contributors: James Franklin; Erik C. W. Krabbe; Jesús Alcolea Banegas; Michel Dufour; Paola Cantù; Matthew Inglis & Juan Pablo Mejía-Ramos; Christine Knipping & David Reid; Jesse Alama & Reinhard Kahle; Lawrence H. Powers; Paul Bartha; Brendan Larvor; Richard L. Epstein; Ian J. Dove; Alison Pease, Alan Smaill, Simon Colton & John Lee; Patrick Allo, Bart Van Kerkhove & Jean Paul Van Bendegem; Andrew Aberdein.
- Reviewed by Viktor Bläsjo, & al., *Mathematical reviews* MR3157471, 2014; James Robert Brown & Kevin Kuhl, *Notre Dame philosophical reviews*, 2014, <http://ndpr.nd.edu/news/48625/>; David DeVidi, *Philosophia mathematica* 23(2), 2015, pp. 276–80; David Hitchcock, *Argumentation* 28(2), 2014, pp. 245–58.
- Available online at <http://link.springer.com/book/10.1007/978-94-007-6534-4/>.

Mathematical argumentation (with Ian J. Dove). *Foundations of science* 14(1–2), 2009, pp. 1–152.

- Contributors: Andrew Aberdein; Jody Azzouni; Edwin Coleman; Bart Van Kerkhove & Jean Paul Van Bendegem; David Sherry; Zenon Kulpa; Matthew Inglis & Juan Pablo Mejía-Ramos; Alison Pease, Alan Smaill, Simon Colton & John Lee; Ian J. Dove.
- Available online at <https://link.springer.com/journal/10699/volumes-and-issues/14-1>.

4.3 Journal Articles

Courageous arguments and deep disagreements. **Topoi**, forthcoming.

- Available online at <https://philpapers.org/archive/ABECA-3.pdf>.

Dialogue types, argumentation schemes, and mathematical practice: Douglas Walton and mathematics. **Journal of applied logics** **8(1)**, 2021, pp. 159–82.

- Available online at <https://arxiv.org/abs/2011.13845>.

Are aesthetic judgements purely aesthetic? Testing the social conformity account (with Matthew Inglis). **ZDM mathematics education** **52(6)**, 2020, pp. 1127–36.

- Available online at <https://doi.org/10.1007/s11858-020-01156-8>.

Using crowdsourced mathematics to understand mathematical practice (with Alison Pease, Ursula Martin, & Fenner Stanley Tanswell). **ZDM mathematics education** **52(6)**, 2020, pp. 1087–98.

- Available online at <https://doi.org/10.1007/s11858-020-01181-7>.

Evidence, proofs, and derivations. **ZDM mathematics education** **51(5)**, 2019, pp. 825–34.

- Available online at <https://arxiv.org/abs/1904.02593>.

Explanation in mathematical conversations: An empirical investigation (with Alison Pease & Ursula Martin). **Philosophical transactions of the Royal Society A** **377**, 2019, 20180159, 25 pp.

- Available online at <https://ora.ox.ac.uk/objects/uuid:51e2376a-1f02-43c8-a245-bd7d3e3bdb0a>.

Virtuous norms for visual arguers. **Argumentation** **32(1)**, 2018, pp. 1–23.

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Arguments with losers. **Florida philosophical review** **16(1)**, 2016, pp. 1–11.

- Available online at <https://fpr.cah.ucf.edu/article/arguments-with-losers/>.

Introduction: Virtues and arguments (with Daniel H. Cohen). **Topoi** **35(2)**, 2016, pp. 339–43.

The vices of argument. **Topoi** **35(2)**, 2016, pp. 413–22.

- Available online at <https://philpapers.org/rec/ABETVO>.

Editorial and Interview with Daniel Cohen. **The reasoner** **9(11)**, 2015, pp. 90; 90–3.

- Available online at <http://www.thereasoner.org/>.

Beauty is not simplicity: An analysis of mathematicians' proof appraisals (with Matthew Inglis). **Philosophia mathematica** **23(1)**, 2015, pp. 87–109.

- Available online at <https://repository.lboro.ac.uk/ndownloader/files/16980605/1>.

In defence of virtue: The legitimacy of agent-based argument appraisal. **Informal logic** **34(1)**, 2014, pp. 77–93.

- Available online at <https://doi.org/10.22329/il.v34i1.3938>.

Mathematical wit and mathematical cognition. **Topics in cognitive science** **5(2)**, 2013, pp. 231–50.

- Available online at <https://philpapers.org/rec/ABEMWA>.

Editorial and Interview with Stephen Read. **The reasoner** **5(12)**, 2011, pp. 204–205; 205–211.

- Interview reprinted in *Insolubles and consequences: Essays in honour of Stephen Read*, Catarina Dutilh Novaes & Ole Thomassen Hjortland, edd. (London: College Publications, 2012), pp. 1–10.

- Available online at <http://www.thereasoner.org/>.

Five theories of reasoning: Interconnections and applications to mathematics (with Alison Pease). **Logic and logical philosophy** **20(1–2)**, 2011, pp. 7–57.

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Virtue in argument. **Argumentation** **24(2)**, 2010, pp. 165–79.

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Mathematics and argumentation. Foundations of science **14**(1–2), 2009, pp. 1–8.

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- Also in *The uses of argument*, David Hitchcock & Daniel Farr, edd. (Hamilton, ON: OSSA, 2005), pp. 1–10.
- Available online at <http://arXiv.org/abs/math.HO/0504090>.

Regional maps of HOPOS activity and infrastructure: Scotland. Newsletter of HOPOS, The International Society for the History of Philosophy of Science **7**(2), 2003, pp. 6–16.

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4.4 Book Chapters

Was Aristotle a virtue argumentation theorist? In Essays on argumentation in antiquity, Joseph Bjelde, David Merry, & Christopher Roser, edd. (Cham: Springer, forthcoming).

Arrogance and deep disagreement. In Polarisation, arrogance, and dogmatism: Philosophical perspectives, Alessandra Tanesini & Michael P. Lynch, edd. (London: Routledge, 2020), pp. 39–52.

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Intellectual humility and argumentation. In The Routledge handbook of philosophy of humility, Mark Alfano, Michael P. Lynch, & Alessandra Tanesini, edd. (London: Routledge, 2020), pp. 325–34.

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Mathematical monsters. In Monsters, monstrosities, and the monstrous in culture and society, Diego Compagna & Stefanie Steinhart, edd. (Wilmington, DE: Vernon Press, 2019), pp. 391–412.

- Available online at <https://arxiv.org/abs/1904.09308>.

Introduction (with Matthew Inglis). In Advances in experimental philosophy of logic and mathematics, Andrew Aberdein & Matthew Inglis, edd. (London: Bloomsbury, 2019), pp. 1–13.

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Redefining revolutions. In The Kuhnian image of science: Time for a decisive transformation?, Moti Mizrahi, ed. (London: Rowman & Littlefield, 2018), pp. 133–54.

- Available online at <https://arxiv.org/abs/1810.07038>.

The parallel structure of mathematical reasoning. In The argument of mathematics, Andrew Aberdein & Ian J. Dove, edd. (Dordrecht: Springer, 2013), pp. 361–80.

- Abridged version in *Proceedings of the Symposium on Mathematical Practice and Cognition II: A symposium at the AISB/IACAP World Congress 2012*, Alison Pease & Brendan Larvor, edd. (Birmingham: Society for the Study of Artificial Intelligence and the Simulation of Behaviour, 2012), pp. 7–14.
- Reviewed by Robert S. D. Thomas, *Mathematical reviews* **MR3059484**, 2014.
- Available online at <http://homepages.inf.ed.ac.uk/apease/aisb12/1.pdf>.

The judo principle, philosophical method and the logic of jokes. In *Philosophy and The Hitchhiker's Guide to the Galaxy*, Nicholas Joll, ed. (Basingstoke: Palgrave Macmillan, 2012), pp. 213–35.

Observations on sick mathematics. In *Philosophical perspectives on mathematical practice*, Bart Van Kerkhove, Jonas De Vuyst, & Jean Paul Van Bendegem, edd. (London: College Publications, 2010), pp. 269–300.

- Available online at <https://philpapers.org/rec/ABEOOS>.

Strange bedfellows: The interpenetration of philosophy and pornography. In *Porn: How to think with kink*, Dave Monroe, ed. (Chichester: Wiley-Blackwell, 2010), pp. 22–34.

- Published in German as *Seltsame Bettgenossen: Die Interpenetration von Philosophie und Pornographie* in *Philosophie für Verdorbene: Essays über Pornografie*, Dave Monroe, ed., Heike Steffen, tr. (Berlin: Rogner & Bernhard, 2011), pp. 35–52.
- Published in French in *La philosophie du porno*, Dave Monroe, ed., Marc-Emmanuel Konigson, tr. (Champs-sur-Marne: Original, 2011).
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The philosophy of alternative logics (with Stephen Read). In *The development of modern logic*, Leila Haaparanta, ed. (Oxford: Oxford University Press, 2009), pp. 613–723.

- Reviewed by Klaus Robering, *Mathematical reviews MR2895617*, 2012.
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The informal logic of mathematical proof. In *Perspectives on mathematical practices: Bringing together philosophy of mathematics, sociology of mathematics, and mathematics education*, Bart Van Kerkhove & Jean Paul Van Bendegem, edd. (Dordrecht: Springer, 2007), pp. 135–51.

- Also in *18 unconventional essays on the nature of mathematics*, Reuben Hersh, ed. (New York: Springer, 2006), pp. 56–70.
- Reviewed by Jim Mackenzie, *Zentralblatt MATH 1170.01003*, 2007.
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Raising the tone: Definition, bullshit, and the definition of bullshit. In *Bullshit and philosophy*, Gary L. Reisch & George A. Hardcastle, edd. (Chicago: Open Court, 2006), pp. 151–69.

- Available online at <https://philpapers.org/rec/ABERTT>.

Balderdash and chicanery: Science and beyond. In *Buffy the Vampire Slayer and philosophy: Fear and trembling in Sunnydale*, James South, ed. (Chicago: Open Court, 2003), pp. 79–90.

- Published in Portuguese as *Palavrório e chicana: Ciência e além* in *Buffy a Caça-Vampiros e a filosofia: Medos e calafrios em Sunnydale*, James South, ed., Marcos Malvezzi Leal, tr. (São Paulo: Madras, 2004), pp. 87–97.

4.5 Conference Proceedings

Inference and virtue and *Commentary* on Gascón, *Virtuous arguers: Responsible and reliable.* In *Argumentation and inference: Proceedings of the 2nd European Conference on Argumentation, Fribourg 2017*, Steve Oswald & Didier Maillat, edd. (London: College Publications, 2018), vol. 2, pp. 1–9; vol. 1, pp. 123–8.

Virtue argumentation and bias and *Commentary* on Patrick Bondy, *Bias in legitimate ad hominem arguments.* In *Argumentation, Objectivity and Bias: Proceedings of the 11th International Conference of the Ontario Society for the Study of Argumentation (OSSA), May 18–21, 2016*, Patrick Bondy & Laura Benacquista, edd. (Windsor, ON: OSSA, 2016).

- Available online at <http://scholar.uwindsor.ca/ossaarchive/OSSA11/papersandcommentaries/>.

Does studying logic improve logical reasoning? (with Nina Attridge & Matthew Inglis). In *Proceedings of the 40th Conference of the International Group for the Psychology of Mathematics Education*, Csaba Csikos, Attila Rausch & Judit Sztányi, edd. (Szeged: PME, 2016), vol. 2, pp. 27–34.

- Available online at <https://dspace.lboro.ac.uk/2134/21445>.

Diversity in proof appraisal (with Matthew Inglis). In *Mathematical cultures: The London meetings 2012–2014*, Brendan Larvor, ed. (Basel: Birkhäuser, 2016), pp. 163–79.

- Available online at <https://philpapers.org/rec/INGDIP>.

Commentary on Andrzej Kisiielewicz, A new approach to argumentation and reasoning based on mathematical practice. In *Argumentation and Reasoned Action: Proceedings of the First European Conference on Argumentation, Lisbon, 9–12 June 2015*, Dima Mohammed & Marcin Lewiński, edd. (London: College Publications, 2016), vol. 1, pp. 287–92.

Fallacy and argumentational vice; Commentary on Begoña Carrascal, The practice of arguing and the arguments: Examples from mathematics and Commentary on Michel Dufour, Argument and explanation in mathematics. In *Virtues of argumentation: Proceedings of the 10th International Conference of the Ontario Society for the Study of Argumentation (OSSA), May 22–25, 2013*, Dima Mohammed & Marcin Lewiński, edd. (Windsor, ON: OSSA, 2014).

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The dialectical tier of mathematical proof and Commentary on William Brooke, The formal failure and social success of logic. In *Argumentation: Cognition & community. Proceedings of the 9th International Conference of the Ontario Society for the Study of Argumentation (OSSA), May 18–21, 2011*, Frank Zenker, ed. (Windsor, ON: OSSA, 2011).

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Rationale of the mathematical joke. In *Proceedings of the International Symposium on Mathematical Practice and Cognition: A symposium at the AISB 2010 Convention*, Alison Pease, Markus Guhe, & Alan Smaill, edd. (Leicester: Society for the Study of Artificial Intelligence and the Simulation of Behaviour, 2010), pp. 1–6.

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4.6 Contributions to Reference Works

Argumentation theory; Arnauld, Antoine; Chrysippus; Euler diagrams; Inference, Rules of; Jevons, William S.; Logic, Quantum; Logique de Port Royal; Novum organum; Practical syllogism; Saccheri, Girolamo; Square of opposition and Syllogism. In *Key terms in logic*, Federica Russo & Jon Williamson, edd. (London: Continuum, 2010), pp. 6–7; 114; 119–120; 25; 38–40; 129; 60–1; 162–3; 165–6; 79; 146; 94–5; 96–8.

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4.7 Reviews

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4.8 Abstracts

Testing hypotheses about mathematical practice: Are aesthetic judgements in mathematics purely aesthetic? (with Matthew Inglis). *Florida scientist* **82(supp. 1)**, 2019, pp. 90–1.

Virtue epistemology of mathematical practices (with Colin Rittberg & Fenner Tanswell). *The reasoner* **12(10)**, 2018, pp. 79–80.

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The dual nature of proof. *Bulletin of symbolic logic* **24(1)**, 2018, p. 130.

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Definition and persuasion. *12th International Congress of Logic, Methodology and Philosophy of Science: Volume of abstracts*, Eva Álvarez, Roger Bosch, & Lorena Villamil, edd. (Oviedo: Universidad de Oviedo, 2003), p. 495.

Anomalies and the development of non-classical logic. *Collegium logicum: Annals of the Kurt Gödel Society* **4**, 2001, p. 43.

- Reprinted in *Bulletin of symbolic logic* **8(1)**, 2002, p. 123.
- Available online at <http://www.math.ucla.edu/~asl/bsl/0801/0801-006.ps>.

Recapture and progress in logic. *11th International Congress of Logic, Methodology and Philosophy of Science: Volume of abstracts*, Jacek Cachro & Katarzyna Kijania-Placek, edd. (Cracow: Jagiellonian University Press, 1999), p. 248.

How to be a deviant logician: A taxonomy of logical difference. *Bulletin of symbolic logic* **4(4)**, 1998, pp. 448–9.

- Available online at <http://www.math.ucla.edu/~asl/bsl/0404/0404-005.ps>.

5 Presentations

*Paper refereed; †Abstract refereed; §Invited; ¶Presented by coauthor(s) in my absence.

2021

§*Is there a cardinal virtue of argument? Interdisciplinary online speaker series on the ethics of argumentation*, December 2021.

§TBA. *Disagreements in mathematics online workshop*, May 2021.

§TBA. *Virtue, argumentation, and the law online roundtable*, Centre for Legal Theory, University of Edinburgh, January 2021.

†*Critical thinking dispositions as virtues of argument* and §*Commentary on Marion Vorms & Ulrike Hahn, In the space of reasonable doubt*. *3rd European Conference on Argumentation (ECA 2019)*, University of Groningen, June 2019.

†*Testing hypotheses about mathematical practice: Are aesthetic judgements in mathematics purely aesthetic?* (with Matthew Inglis). *Florida Academy of Sciences Annual Meeting (FAS 2019)*, Florida Institute of Technology, March 2019.

2020

§*Straight from the Book: Erdős and the aesthetics of proof*. *Canadian Society for History and Philosophy of Mathematics online colloquium*, December 2020.

2018

§*Virtues, arguments, and mathematical practice*. *Workshop on Virtue Epistemology of Mathematical Practices*, Vrije Universiteit Brussel, July 2018.

§*Virtue, vice, and deep disagreement*. Center for Logic and Philosophy of Science, Vrije Universiteit Brussel, July 2018.

†*Eudaimonistic argumentation*. *ISSA 2018: Ninth Conference of the International Society for the Study of Argumentation*, University of Amsterdam, July 2018.

†*Virtues, arguments, and mathematical practice*. *SPSP 2018: 7th biennial conference of the Society for the Philosophy of Science in Practice*, Ghent, June 2018.

§*Disagreement*. *Lifelong Scholar Society*, Florida Institute of Technology, Melbourne, FL, May 2018.

2019

**Eudaimonistic argumentation*. *Florida Philosophical Association Meeting*, University of Florida, Gainesville, FL, November 2019.

†*Populism and the virtues of argument*. *Populism and recovery of intellectual virtues workshop*, South Dakota State University, Brookings, SD, September 2019.

†*Virtues, arguments, and mathematical practice*. *16th International Congress on Logic, Methodology and Philosophy of Science and Technology*, Prague, August 2019.

†*Phylomemetics of a mathematical folk tale*. *Computability in Europe 2019: Computing with Foresight and Industry*, Durham University, July 2019.

2017

§*Redefining mathematical revolutions*. *Enabling Mathematical Cultures*, Oxford University, December 2017.

§Arrogance and deep disagreement. *Arrogance and Polarisation in Debate: Changing Attitudes in Public Discourse*, Cardiff University, November 2017.

†A virtuous resolution to deep disagreements? *Florida Philosophical Association Meeting*, College of Central Florida, Ocala, FL, November 2017.

†Courage as a virtue of argument. *Ninth European Congress of Analytic Philosophy (ECAP9)*, LMU Munich, August 2017.

§¶The role of explanation in mathematical research (with Alison Pease & Ursula Martin). *Workshop on computer-aided mathematical proof (CAMP)*, Isaac Newton Institute, Cambridge, July 2017.

†Inference and virtue and §Commentary on José Ángel Gascón, *Virtuous arguers: Responsible and reliable*. *2nd European Conference on Argumentation (ECA 2017)*, University of Fribourg, June 2017.

§The virtues of reason. *Lifelong Scholar Society*, Florida Institute of Technology, Melbourne, FL, May 2017.

§There's glory for you! Redefining revolutions. *Philosophy Department Colloquium*, University of Nevada, Las Vegas, March 2017.

§The dual nature of proof. *Special session on proofs in mathematical practice, North American Meeting of the Association for Symbolic Logic*, Boise State University, March 2017.

§Evidence, proofs, and derivations. *Symposium on mathematical evidence and argument*, Universität Bremen, March 2017.

2016

*¶Does studying logic improve logical reasoning? (with Nina Attridge & Matthew Inglis). *40th Conference of the International Group for the Psychology of Mathematics Education*, University of Szeged, Hungary, August 2016.

†Whedonian trolleyology. *7th Slayage Conference on the Whedonverses*, Kingston University, Kingston-upon-Thames, July 2016.

†Was Aristotle a virtue argumentation theorist? *Argumentation in Classical Antiquity: Dialectic, Rhetoric & Other Domains*, Humboldt-Universität zu Berlin, June 2016.

†Virtue argumentation and bias and §Commentary on Patrick Bondy, *Bias in legitimate ad hominem arguments*. *Argumentation, objectivity and bias: 11th International Conference of the Ontario Society for the Study of Argumentation*, University of Windsor, ON, May 2016.

†Occupy Mars: How to get everyone on board (with Moti Mizrahi). *Buzz Aldrin Space Institute (BASI) Workshop*, Florida Institute of Technology, January 2016.

2015

§Arguments with losers. Presidential address to *Florida Philosophical Association Meeting*, Flagler College, St. Augustine, FL, November 2015.

§Aristotle's Organon. *Ten Books that Shaped the World*, Evans Library, Florida Institute of Technology, October 2015.

†Diversity in proof appraisal (with Matthew Inglis). *15th Congress of Logic, Methodology and Philosophy of Science*, University of Helsinki, August 2015.

†Virtuous practical reasoning and §Commentary on Andrzej Kisielewicz, *A new approach to argumentation and reasoning based on mathematical practice*. *1st European Conference on Argumentation (ECA 2015)*, Universidade Nova de Lisboa, June 2015.

§Philosophy and The Hitchhiker's Guide to the Galaxy. *An Evening of Readings*, Evans Library, Florida Institute of Technology, February 2015.

2014

*Diversity in proof appraisal (with Matthew Inglis). *Buffalo Annual Experimental Philosophy Conference*, The University at Buffalo, September 2014.

†Small-scale arguments-that within large-scale arguments-about (with Alison Pease and Ursula Martin). *Workshop on Argument Mining: Perspectives from Information Extraction, Information Retrieval and Computational Linguistics*, University of Dundee, July 2014.

†Conclusive arguments. *ISSA 2014: Eighth Conference of the International Society for the Study of Argumentation*, University of Amsterdam, July 2014.

†Virtue argumentation theory (with Daniel H. Cohen). *Fifteenth Biennial Wake Forest University Argumentation Conference*, Winston-Salem, NC, April 2014.

§The personality of mathematical proofs (with Matthew Inglis). *Mathematical Sciences Departmental Colloquium*, Florida Institute of Technology, January 2014.

2013

§Reply to Steve Gimbel, *Heckler ethics*. *7th Annual Lighthearted Philosophers' Society Meeting*, Treasure Island, FL, October, 2013.

†Explanation and explication in mathematical practice (with Matthew Inglis). *Second International Meeting of the Association for the Philosophy of Mathematical Practice*, University of Illinois at Urbana-Champaign, October 2013.

†¶The personality of mathematical proofs (with Matthew Inglis). *Mathematical Cultures II*, De Morgan House, London, September 2013.

§The personality of mathematical proofs (with Matthew Inglis). *Comprehending Mathematical Proofs: A One-Day Workshop*, University of Loughborough, July 2013.

†The personality of mathematical proofs (with Matthew Inglis). *British Society for Research into Learning Mathematics Day Conference*, Sheffield Hallam University, June 2013.

§Types of dialogue in mathematics. *Workshop on argumentation in mathematics*, University of Groningen, May 2013.

†Fallacy and argumentational vice; §Commentary on Begoña Carrascal, *The practice of arguing and the arguments: Examples from mathematics*; and §Commentary on Michel Dufour, *Argument and explanation in mathematics*. *Virtues of argumentation: 10th International Conference of the Ontario Society for the Study of Argumentation*, University of Windsor, ON, May 2013.

§*The philosophy of mathematical practice as an approach to logic. Workshop on the historical and empirical approach to logic*, University of Windsor, ON, May 2013.

§*Arguing over mathematics: Mathematical practice and malpractice, CRRAR Talk*, University of Windsor, ON, May 2013.

†*An empirical investigation into explanation in mathematical conversations* (with Alison Pease). *Ethics and Explanation 2013*, University of Nottingham, January 2013.

§*Identifying communities of rigour. Mathematics Education Centre Research Workshop*, University of Loughborough, January 2013.

2012

§*An empirical investigation into explanation in mathematical conversations* (with Alison Pease). *Scottish Theorem Provers Meeting*, University of Edinburgh, December 2012.

§*Identifying communities of rigour: Argumentation schemes, communities of practice & dialogue types. DReaM Talk*, University of Edinburgh, November 2012.

§*Arguing over mathematics. Stephen Read Retirement Workshop*, University of St Andrews, November 2012.

§*Arguing over mathematics: Mathematical practice and malpractice. Computational Creativity Meeting*, University of Edinburgh, October 2012.

**The parallel structure of mathematical reasoning. Symposium on Mathematical Practice and Cognition II, AISB/IACAP World Congress 2012*, University of Birmingham, July 2012.

†*Mathematical monstrosity: Lovecraft's geometry, Borges's infinity, and beyond. 33rd Annual International Conference on the Fantastic in the Arts*, Orlando, FL, March, 2012.

2011

**The judo principle and the logic of jokes. 5th Annual Lighthearted Philosophers' Society Meeting*, Treasure Island, FL, October, 2011.

§*Explanation and argument in mathematical practice. Association for the Philosophy of Mathematical Practice Affiliated Symposium, 14th Congress of Logic, Methodology and Philosophy of Science*, Université de Nancy 2, July 2011.

†*Explanation and argument in mathematical practice. SPSP 2011: Third biennial conference of the Society for the Philosophy of Science in Practice*, University of Exeter, June 2011.

†*The dialectical tier of mathematical proof*; and §*Commentary on William Brooke, The formal failure and social success of logic. Argumentation: Cognition & Community*, University of Windsor, ON, May 2011.

2010

†*Francis Bacon, prerogative instances, and argumentation schemes. SILFS 2010: Italian Society for Logic and Philosophy of Science International Conference*, Convento di Sant'Agostino, Bergamo, December 2010.

**Are arguments for the censorship of pornography self-refuting? Florida Philosophical Association Meeting*, Daytona Beach, FL, November 2010.

**Rationale of the mathematical joke. 4th Annual Lighthearted Philosophers' Society Meeting*, Treasure Island, FL, October, 2010.

**Are arguments for the censorship of pornography self-refuting? Joint Session of the Aristotelian Society and the Mind Association*, University College Dublin, July 2010.

†*Argumentation schemes and mathematical practice. ISSA 2010: Seventh Conference of the International Society for the Study of Argumentation*, University of Amsterdam, June 2010.

†*Francis Bacon, prerogative instances, and argumentation schemes. HOPOS 2010: International Society for the History of Philosophy of Science*, Central European University, Budapest, June 2010.

†*Epistemic luck and mathematical practice. From Practice to Results in Logic and Mathematics*, Université de Nancy 2, June 2010.

†*The apocalyptic bordello. SC4: The Slayage Conference on the Whedonverses*, Flagler College, St. Augustine, FL, June 2010.

§*Rationale of the mathematical joke. Symposium on Mathematical Practice and Cognition, AISB 2010*, De Montfort University, Leicester, March 2010.

2009

**Is mathematical reasoning just reasoning about mathematics? Florida Philosophical Association Meeting*, Gainesville, FL, November 2009.

**Strange bedfellows: The interpenetration of philosophy and pornography. 3rd Annual Lighthearted Philosophers' Society Meeting*, St. Petersburg, FL, October, 2009.

†*Communities of logical practice. Practice-based philosophy of logic and mathematics workshop*, University of Amsterdam, August 2009.

†*Arguing over mathematics. Two streams in the philosophy of mathematics: Rival conceptions of mathematical proof*, University of Hertfordshire, Hatfield, July 2009.

†*Argumentation schemes and communities of argumentational practice*; and §*Commentary on Menashe Schwed, A Wittgensteinian approach to rationality in argumentation. Argument Cultures: Ontario Society for the Study of Argumentation Conference*, University of Windsor, ON, June 2009.

2008

**Mathematical luck. Florida Philosophical Association Meeting*, Daytona Beach, FL, November 2008.

**A shaggy dog story. 2nd Annual Lighthearted Philosophers' Society Meeting*, St. Petersburg College, St. Petersburg, FL, October 2008.

†*Is mathematical reasoning just reasoning about mathematics? British Society for the Philosophy of Science Summer Conference*, University of St. Andrews, July 2008.

†Is mathematical reasoning just reasoning about mathematics? *PhiMSAMP-3: Is Mathematics Special?*, Universität Wien, May 2008.

§Mathematical fallacies and informal logic. *Philosophy Department Colloquium*, University of Nevada, Las Vegas, February 2008.

2007

*The virtues of argument. *Joint Session of the Aristotelian Society and the Mind Association*, University of Bristol, July 2007.

†Fallacies in mathematics. *British Society for Research into Learning Mathematics Day Conference*, Sheffield Hallam University, June 2007.

†Learning from our mistakes—but especially from our fallacies and howlers. *PMP 2007: Perspectives on Mathematical Practices*, Vrije Universiteit Brussel, March 2007.

†Blasphemy and pornography as speech acts. *Conference on Heresy, Blasphemy, and Freedom of Expression*, University of Central Florida, Orlando, FL, January 2007.

2006

*Managing informal mathematical knowledge: Techniques from informal logic. *MKM 2006: The 5th International Conference on Mathematical Knowledge Management*, Wokingham, UK, August 2006.

†Combining Toulmin layouts. *Association of Symbolic Logic European Meeting*, Radboud University, Nijmegen, July 2006.

†Virtue argumentation. *ISSA 2006: Sixth Conference of the International Society for the Study of Argumentation*, University of Amsterdam, June 2006.

†Companions and Socrates. *SC2: The Slayage Conference on the Whedonverses*, Gordon College, Barnesville, GA, May 2006.

2005

*Hybrid pluralism. *Florida Philosophical Association Meeting*, Cocoa Beach, FL, November 2005.

*Hybrid pluralism. *Joint Session of the Aristotelian Society and the Mind Association*, University of Manchester, July 2005.

†Insane troll logic: Popular culture as philosophical heuristic. *Bring Your Own Subtext: Social life, human experience and the works of Joss Whedon*, University of Huddersfield, June 2005.

†The uses of argument in mathematics. *19th International Symposium LOGICA 2005*, Hejnice Monastery, Czech Republic, June 2005.

†The uses of argument in mathematics; and §Reply to Daniel H. Cohen, *When arguments backfire*. *Ontario Society for the Study of Argumentation Conference*, McMaster University, May 2005.

2004

§Recent issues in logic. *Computer Sciences Seminar*, Florida Institute of Technology, October 2004.

†Insane troll logic: Popular culture as philosophical heuristic. *SC1: The Slayage Conference on Buffy the Vampire Slayer*, Nashville, TN, May 2004.

2003

†Definition and persuasion. *12th International Congress of Logic, Methodology and Philosophy of Science*, Universidad de Oviedo, August 2003.

§Mathematical argumentation: A pragma-dialectical approach. *Staff Research Symposium*, University of Edinburgh, March 2003.

2002

†Mathematical argumentation: A pragma-dialectical approach. *PMP 2002: Perspectives on Mathematical Practices*, Vrije Universiteit Brussel, October 2002.

†Balderdash and chicanery. *Blood, Text and Fears*, UEA Norwich, October 2002.

†Deviance, logic and deviant logic. *Society for the Social History of Medicine Research Symposium*, University of Manchester, July 2002.

†Three grades of supernatural involvement. *Postmodernism and Spirituality Conference*, University of Central Lancashire, Preston, March 2002.

§Quantum logic. *Computer Science Seminar Series*, University of Liverpool, January 2002.

2001

†Anomalies and the development of logic. *British Logic Colloquium*, University of Manchester, September 2001.

*Post-classical logic? *24th International Wittgenstein Symposium*, Kirchberg, Austria, August 2001.

†Anomalies and the development of non-classical logic. *Association of Symbolic Logic European Meeting*, Technische Universität Wien, August 2001.

†Whatever happened to quantum logic? *British Society for the Philosophy of Science Summer Conference*, University of York, July 2001.

1999

†Recapture and progress in logic. *11th International Congress of Logic, Methodology & Philosophy of Science*, Jagiellonian University, Cracow, August 1999.

§Applying Lakatos to logic. *Programmes in Mathematics Conference*, University of Hertfordshire, July 1999.

1998

†How to be a deviant logician: A taxonomy of logical difference. *Association of Symbolic Logic Annual Meeting*, University of Toronto, May 1998.

1997

†Persuasive definition. *Ontario Society for the Study of Argumentation Conference*, Brock University, St Catharines, ON, May 1997.

6 Professional and Service Activities

6.1 Service to Profession

- I was President of the Florida Philosophical Association for 2015. As Vice President, I organized the programme for the Association's 2014 conference. I was also the site organizer for the Association's 2016 conference.
- I belong to the editorial boards of *Florida philosophical review* and *The reasoner*.
- I am a member of an expert panel on doctoral and postdoctoral research proposals at Research Foundation Flanders/Fonds Wetenschappelijk Onderzoek, Vlaanderen (FWO).
- I have been an ad hoc reviewer of grant proposals for the Austrian Science Fund (FWF), the International Centre for Mathematical Sciences (ICMS), the National Science Foundation (NSF), FWO (×2), and Vrije Universiteit Brussel (×2).
- I am an external content reviewer for the Law School Admission Council.
- I served on the programme committee for the 15th, 16th, 17th, 18th, and 19th annual workshops on Computational Models of Natural Argument (CMNA); the 2nd and 3rd European Conference on Argumentation (ECA); the 10th International Conference of the Ontario Society for the Study of Argumentation (OSSA); and the 6th and 7th Annual Lighthearted Philosophers' Society Meetings (LPS).
- I have reviewed manuscripts for journals, conferences, and publishers including *Argument & computation* (×2); *Argumentation* (×7); *Artificial intelligence & law*; *Australasian journal of logic*; *Axiomathes* (×2); Bloomsbury Academic; *British journal for the philosophy of science*; Cambridge University Press (×2); *Cognition*; College Publications; *Dialectica*; *Education sciences*; *Educational psychologist*; *Ergo*; *Erkenntnis* (×2); Florida Philosophical Association (×9); *Florida philosophical review*; *For the learning of mathematics*; *Foundations of science* (×19); *Informal logic* (×11); *Journal of Indian Council of Philosophical Research*; *Journal of logic, language and information*; *Journal of pragmatics*; *Logic and logical philosophy*; *Logique & analyse*; McGraw-Hill; Oxford University Press; *Philosophers' imprint* (×2); *Philosophia scientiae*; *Philosophies*; *Philosophy*

& rhetoric; *Philosophy & technology*; *Polish journal of philosophy*; Prentice Hall/Pearson Education; *Res philosophica*; *Research in mathematics education*; *Slayage: The journal of Whedon studies* (×7); Springer Verlag; *Synthese* (×9); *The philosophical quarterly* (×2); *The reasoner* (×41); *Theoria*; *Topics in cognitive science*; *Topoi* (×5); University Press of Kentucky; and *ZDM mathematics education* (×5).

- I belong to several professional organizations: Association for the Philosophy of Mathematical Practice (Member since 2009); Association for Symbolic Logic (Member since 1995); Florida Philosophical Association (Member since 2003, Vice President 2014, President 2015); and Whedon Studies Association (Member since 2009).
- I have chaired numerous sessions at national and international meetings.

6.2 Service to University

- University Promotions Committee, 2017; 2019.
- Faculty Library Committee, 2008–18.
- Research Council, 2007–12.

6.3 Service to College

- CoPLA Promotions Committee, 2015–.
- CoPLA Teaching Committee, 2019–.
- CoPLA Tenure Implementation Committee, 2019–.
- CoPLA Faculty Development Committee, 2014–19.
- CoPLA Annual Evaluations Committee, 2018.
- Thesis committee for Stephen Young, M.Sc. (Industrial/Organizational Psychology), 2011.

6.4 Service to Department

- Humanities Programme Chair, 2019–.
- Humanities Assessment Committee, 2010–.
- Humanities Search Committees, 2014–15; 2019.
- Humanities & Communication Web Committee, 2007–12.