

# Matthew Owen

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## ACADEMIC POSITIONS

Elizabeth R. Koch Research Fellow for Tiny Blue Dot Consciousness Studies

Gonzaga University, Spokane, USA

Lead Advisor of Neuroscience (external): Christof Koch

Co-Advisor of Philosophy (internal): Brian Clayton

June 2018 – Present

Adjunct Philosophy Faculty, Humanities Department

Heritage University, Toppenish, Yakama Nation Reservation

August 2015 – May 2018

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## AREAS OF SPECIALIZATION

Philosophy of Mind

Philosophy of Neuroscience

Metaphysics

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## AREAS OF COMPETENCE

History of Philosophy (focus on Aristotle & Thomas Aquinas)

Philosophy of Religion

Analytic Theology

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## EDUCATION

PhD Philosophy                      University of Birmingham, UK (2018)

MA Philosophy                      Biola University, La Mirada CA (2014)

BA History                          University of Washington, Seattle WA (2007)

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## DOCTORAL DISSERTATION

Neo-Thomistichylomorphism applied to mental causation and neural correlates of consciousness

Examiners: Anna Marmodoro (University of Oxford/Durham University) & Henry Taylor (University of Birmingham)

Supervisors: Nikk Effingham & Jussi Suikkanen

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## JOURNAL ARTICLES & BOOK CHAPTERS

Owen & Guta (2019) Physically Sufficient Neural Mechanisms of Consciousness, *Frontiers in Systems Neuroscience*, 13 (24), 1-14.

Owen (2019) Exploring Common Ground Between the Integrated Information Theory of Consciousness and Aristotelian Metaphysics, *Journal of Consciousness Studies*, 26 (1-2), 163-187.

Owen (2019) Neural Correlates of Consciousness and the Nature of the Mind, in Mihretu Guta (ed.) *Consciousness and the Ontology of Properties*, Routledge, 241-260.

Owen (2018) Aristotelian Causation and Neural Correlates of Consciousness, *Topoi*, 38, 1-12.

Owen (2015) Physicalism's Epistemological Incompatibility With A Priori Knowledge, *Teorema: International Journal of Philosophy*, XXXIV/3, 123-139.

Owen & Dunne (2019) The Son of God and Trinitarian Identity Statements, *TheoLogica: An International Journal for Philosophy of Religion and Philosophical Theology*, 3 (1), 33-59.

#### EDITED JOURNAL ISSUES

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Owen & Sanders, editors (2019) Special Issue: The Son of God, *TheoLogica: An International Journal for Philosophy of Religion and Philosophical Theology*, 3 (1).

#### ADDITIONAL PUBLICATIONS

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Owen & Sanders (2019) Editorial Introduction: The Son of God, *TheoLogica*, 3 (1), 1-2.

Owen, Dusting Off Dualism? *Blog of the American Philosophical Association*. 3 Dec 2018.

Owen, Does Neuroscience Say Madonna is a Material Girl? *Blog of the American Philosophical Association*. 8 Nov 2017.

#### WORKS IN-PROGRESS

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Owen, Circumnavigating the Causal Pairing Problem via Hylomorphism and the Integrated Information Theory of Consciousness. Article under review for *Synthese* (minor revisions requested).

Owen, Modern Adam: The *Imago Dei* Reflected in Black Mirror. Chapter for volume edited by John Anthony Dunne for a theology and pop culture series. Proposal under review with Lexington Books: Rowan & Littlefield.

Owen, Empirically Discerning and Quantifying Irreducible Consciousness in Unresponsive Patients.

#### SELECTED CONFERENCE PRESENTATIONS

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##### Quantifying Irreducible Consciousness

The Science of Consciousness International Conference. Hosted by Collegium Helveticum (University of Zürich, ETH Zürich, Zürich University of the Arts). Interlaken, Switzerland. 28 June 2019.

Tyndale Fellowship Conference 2019: Theology & Science. Wolfson College, University of Cambridge, UK. 24 June 2019.

##### The Sufficiency of Neural Mechanisms of Consciousness (research poster)

Consciousness Research Network 2019 Annual Meeting. Okazaki, Japan. 23-25 Jan 2019.

Tiny Blue Dot Foundation Meeting, University of Wisconsin-Madison. 8 June 2019.

##### The Integrated Information Theory of Consciousness & Hylomorphism: Exploring Common Ground

Association for the Scientific Study of Consciousness 22<sup>nd</sup> Annual Conference. Jagiellonian University, Kraków, Poland. 27 June 2018.

Northwest Philosophy Conference 70<sup>th</sup> Annual Meeting. Bellevue College: 19 Nov 2018.

#### Neuroplasticity & Consciousness of Neural Correlates (research poster)

NeuroFutures 2016 Conference: Circuit Structure & Dynamics. Allen Institute for Brain Science, Seattle: June 20, 2016. Hosts institutions: Allen Institute, University of Washington, University of British Columbia, Oregon Health Sciences University, Northwest Neuroscience Network.

#### A Hylomorphic Solution to the Causal Pairing Problem

Society of Christian Philosophers - Pacific Meeting. Biola University: 1 Apr 2017.

68<sup>th</sup> Northwest Philosophy Conference. Gonzaga University: 15 Oct 2016.

#### A Reply to Kim's Causal Argument

SoCal Philosophy Conference. San Diego State University: 19 Oct 2013.

#### Physicalism's Epistemological Incompatibility with A Priori Knowledge

65<sup>th</sup> Northwest Philosophy Conference. Pacific University: 5 Oct 2013.

Embodied Reason Philosophy Conference. California Baptist University: 12 Apr 2014.

#### The Trinity & the Meaning of 'Is'

66<sup>th</sup> Northwest Philosophy Conference. Central Washington University: 8 Nov 2014.

Embodied Reason Philosophy Conference. California Baptist University: 12 Apr 2014.

Davenant Institute Convivium Irenicum West. Lake Chelan, Washington: 18 Aug 2017.

#### Environmental Ethics & Theism

Fifth International Conference on Contemporary Philosophy of Religion. University of Tehran, Iran: 24-25 Jan 2017. Presentation cancelled for personal reasons. Abstract published at: [philorconf.org/2017/](http://philorconf.org/2017/).

#### INVITED ACADEMIC PRESENTATIONS

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Quantifying Irreducible Consciousness: Coupling the Mind-Body Powers Model of Neural Correlates and the Integrated Information Theory. Lab talk at Center for Sleep and Consciousness, University of Wisconsin-Madison: 4 June 2019.

The Integrated Information Theory of Consciousness and Hylomorphism. Tiny Blue Dot Foundation Meeting, Medical University of South Carolina: 6 Apr 2018.

Neuroscience and the Human Mind. New Saint Andrews College. 3 May 2017.

Normative Systems of Ethics. Presentation for Heritage University Ethics Bowl team. February 2017.

An Analytic Remix of C.S. Lewis's Argument from Reason. Talbot Philosophical Society Orientation. Biola University: 26 Aug 2014.

#### SUMMER SCHOOLS & WORKSHOPS

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Neuroscience School of Advanced Studies. Advanced Course: Consciousness: From Theory to Practice. Coordinator: Giulio Tononi. Island of San Servolo, Venice, Italy. 30 June - 7 July 2018. My participation was graciously funded by the Tiny Blue Dot Foundation.

University of Oxford: Power Structuralism Project. (Neo-)Aristotelian approaches to the metaphysics of the mind Summer School & Conference. Director: Dr. Anna Marmodoro. Naples, Italy: 26 Sept - 2 Oct 2016.

Teaching with Learning in Mind: Practical Strategies for Increasing Student Success in Hispanic Serving Institutions. Yakima Valley College, Yakima, WA: 14 July 2017. Participation funded by ESCALA Educational Services.

#### UNERGRADUATE COURSES DEVELOPED & TAUGHT

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Philosophy 210: Logic & Critical Thinking, Heritage University. Fall 2015 (2 classes); Spring 2016 (1 class); Fall 2016 (2 classes); Spring 2017 (2 classes); Fall 2017 (2 classes); Spring 2018 (2 classes).

Environmental Science: 440 Environmental Ethics, Heritage University. Spring 2016 (1 class).

#### ACADEMIC ADMINISTRATION & SERVICE

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##### Compensation Committee

Heritage University, Fall 2016-Spring 2018.

##### Assistant Organizer

Fifth Annual California Metaphysics Conference, on Parthood. University of Southern California: 15-16 Jan 2016.

Fourth Annual California Metaphysics Conference, on the Relationship Between Logic and Metaphysics.

University of Southern California: 24 Jan 2015.

##### Session Chair

American Philosophical Association Pacific Division Eighty-Ninth Annual Meeting. Colloquium: Philosophy of Religion. Vancouver, British Columbia: 4 Apr 2015.

Society of Christian Philosophers – Pacific Meeting. Topic: analytic theology. Biola University: 31 Mar 2017.

Fifth Annual California Metaphysics Conference. University of Southern California: 16 Jan 2016.

Fourth Annual California Metaphysics Conference. University of Southern California: 24 Jan 2015.

65<sup>th</sup> Northwest Philosophy Conference. Pacific University: 5 Oct 2013.

3<sup>rd</sup> Center for Christian Thought Conference: Psychology and Spiritual Formation. Biola University: 9 May 2014.

Journal article referee for: *TheoLogica: An International Journal for Philosophy of Religion and Philosophical Theology*

#### ADDITIONAL EXPERIENCE

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Assistant Coach (Track and Field)—Biola University, Fall 2008-Spring 2010.

Served on Student-Athlete Leadership Team for Athletes-In-Action as a University of Washington Track & Field student-athlete. 2006-2007

#### ACADEMIC AFFILIATIONS

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Association for the Scientific Study of Consciousness, Member (since 2016)  
American Philosophical Association, Member (since 2013)

## REFERENCES

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Dr. Christof Koch  
President & Chief Scientific Officer  
*Allen Institute for Brain Science*

Prof. Anna Marmodoro  
Chair of Metaphysics  
*University of Durham*  
Official Fellow in Philosophy  
*University of Oxford*

Dr. Blake Slonecker  
Chair of Humanities Department  
Professor of History  
*Heritage University*