

Joshua Norton

American University of Beirut

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EDUCATION

University of Illinois at Chicago
Ph.D. Philosophy, 2015
Dissertation: *Quantum Ontology*
Supervised by Nick Huggett

University of Illinois at Chicago
M.S. Physics, 2014

University of California, San Diego
B.A. Mathematics, June 2006

EMPLOYMENT

American University of Beirut, Assistant Professor (2015-current)

AOS AOC

Philosophy of Science, Philosophy of Physics
Logic, Epistemology, Metaphysics

PUBLICATIONS

- (1) "Incubating a Future Metaphysics: Quantum Gravity," in *Synthese* (forthcoming),
Special issue: New Trends in the Metaphysics of Science
- (2) "Weak Discernibility and Relations Between Quanta," in *Philosophy of Science* (2015)
- (3) "Weak Discernibility for Quanta, The Right Way," in *British Journal for the Philosophy of Science* (2013), with Nick Huggett.

CURRENT PROJECTS

- (1) "The Hole Argument Against Everything"
- (2) "Loop Quantum Ontology: spin-networks and spacetime"
- (3) "No Time for the Hamiltonian Constraint"
- (4) "When Philosophy Met Physics," with Nick Huggett

PRESENTATIONS

- (1) "The Hole Argument Against Everything" at the second *Society for the Metaphysics of Science* conference, Geneva, Switzerland (September, 2016)
- (2) "No Time for the Hamiltonian Constraint," at the *International Association for the Philosophy of Time* conference, Winston-Salem, United States (July, 2016)
- (3) "Spin-networks as Real as Spacetime," at the *Fourth International Conference on the Nature and Ontology of Spacetime*, Varna, Bulgaria (May, 2016)

- (4) "Lessons in Metaphysics from Quantum Theories of Gravity," at the *New Trends in the Metaphysics of Science* conference, Sorbonne, Paris (December, 2015)
- (5) "The Hole Argument Against Everything," American University of Beirut, Beirut, Lebanon (May, 2015)
- (6) "The Hole Argument Against Everything," *Inter-University Centre*, Dubrovnik (April, 2015)
- (7) "No Time for Problems," at *Beyond Spacetime II*, UCSD (March, 2015)
- (8) "Weak Discernibility and Relations Between Quanta," at the *Philosophy of Science Association* (2014)

INVITED PRESENTATIONS

- (1) "Observing Out-of Space", at the *Aspects of Objectivity in Science* conference, Athens (September, 2017)
- (2) "Loop Quantum Ontology," at the *Interdisciplinary Workshop on the Mathematics and Philosophy of Physics*, NYU Abu Dhabi (May, 2017)
- (3) "Incubating a Future Metaphysics: Quantum Gravity" at *Space and Time After Quantum Gravity*, University of Geneva (September, 2016)
- (4) "Time in Quantum Gravity," presentation and panel discussion at the *International Association for the Philosophy of Time Conference*, Winston-Salem, United States (July, 2016)

HONORS

- (1) UIC, Philosophy Teaching Award (2015)
- (2) UIC, Dean's Scholar award (Dissertation fellowship 2014-2015)
- (3) UIC, Chancellor's award (Interdisciplinary project award 2015)
- (4) UIC, Chancellor's award (Interdisciplinary project award 2014)
- (5) UIC, Ruth Barcan Marcus award (Outstanding graduate performance 2013)
- (6) UIC, Provost award (Travel award, 2009)

PUBLIC ENGAGEMENT

- (1) "The Copernican Revolution", a lecture for the *University for Seniors* at AUB (Forthcoming, Fall 2017)
- (2) Interview on the nature of time in loop quantum gravity for the podcast *Big Questions* (June, 2017)
- (3) "Einstein's Hole Argument Against Everything," Faculty of Arts and Sciences research talk hosted by AUB (November, 2016)
- (4) "The Nature of Knowledge and Reason," public talk hosted by IDEAS, Beirut (March, 2016)
- (5) "No Time for the Hamiltonian Constraint," public talk hosted by AUB, CVSP (March, 2016)
- (6) "Science is a god of facts and myths," public talk host by AUB, Philosophy

(February 2016)

(7) Interview on the nature of time in modern theories of physics for *LAU Magazine & Alumni Bulletin* (Winter, 2015)

(8) "Time Travel," at the Vicious Circle, UIC (2013)

**SERVICE/
ACTIVITIES**

Advising: Fidaa Chehayeb, master's thesis in feminist epistemology of science: "Seeking Hermeneutical Justice in Social *Values*" (2016)

Service: AUB, Undergraduate Student Academic Affairs Committee

Referee: Foundations Of Physics

Referee: Philosophy Of Science

Referee: Ergo

Referee: The British Journal of Philosophy of Science

Referee: Synthese

**BOOK
REVIEWS**

(1) Rickles, Dean (ed.) *The Ashgate Companion to Contemporary Philosophy of Physics*, *Heythrop Journal* 52 (2):304-305 (2011)

**TEACHING
EXPERIENCE**

AUB, Metaphysics of Spacetime (Graduate).

AUB, Introduction to Philosophy

AUB, Intermediate Philosophy of Science

AUB, Environmental Ethics

AUB, Advanced Logic (Modal and Metalogic)

AUB, Introduction to Logic

AUB, Philosophy of Physics

UIC, Introduction to Logic

UIC, Introduction to Philosophy (Epistemology)

UIC, Introduction to Philosophy

UIC, Introduction to Philosophy of Science, (*co-instructed*)

UIC, Intermediate Philosophy of Science

UIC, Intermediate Logic

UIC, Ethics and the Law

**PROFESSIONAL
MEMBERSHIPS**

Philosophy of Science Association (2008-current)

American Philosophical Association (2013-current)

European Philosophy of Science Association (2017-current)

Pond: Philosophy of Science Around the Mediterranean (2017-current)