



Images (l/r): Book cover of "The Chemical Philosophy of Robert Boyle: Mechanicism, Chymical Atoms, and Emergence," Oxford University Press; Marina Banchetti, Associate Professor, Department of Philosophy.

## THE CHEMICAL PHILOSOPHY OF ROBERT BOYLE: MECHANICISM, CHYMICAL ATOMS, AND EMERGENCE

THE DEPARTMENT OF  
PHILOSOPHY IS PLEASED  
TO ANNOUNCE THAT  
EACH OF ITS FACULTY  
MEMBERS HAS A BOOK  
TO BE RELEASED OR  
UNDER CONTRACT TO BE  
COMPLETED THIS YEAR.

**This Summer, Oxford University Press will release Dr. Marina Banchetti's book *The Chemical Philosophy of Robert Boyle: Mechanicism, Chymical Atoms, and Emergence*.** Banchetti specializes in phenomenology, philosophy of mind and the history and philosophy of science with a current focus on the history and philosophy of chemistry. The book argues for a novel interpretation of Boyle's chemical philosophy, proposing that Boyle regarded chemical qualities as non-reducible dispositional and relational properties that emerge from, and supervene upon, the mechanistic structure of chemical atoms.

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# THE CHEMICAL PHILOSOPHY OF ROBERT BOYLE: MECHANICISM, CHYMICAL ATOMS, AND EMERGENCE



Banchetti's arguments are strengthened by a detailed mereological analysis of Boylean chemical atoms as chemically elementary entities, which establishes the theory of wholes and parts that is most consistent with an emergentist conception of chemical properties. More generally, Banchetti contextualizes Boyle's work within the framework of the 17th century mechanistic theory of matter. Banchetti interprets Boyle's experimental work as a scientific research programme, in the Lakatosian sense, to better explain the positive and negative heuristic functions of the mechanistic theory of matter within his chemical philosophy. ***"The Chemical Philosophy of Robert Boyle establishes the relevance of Boyle's chemical philosophy for contemporary thought by demonstrating that he anticipated many of the concerns that inform contemporary philosophy of chemistry,"*** said Banchetti.

## FORTHCOMING PUBLICATIONS DEPARTMENT OF PHILOSOPHY

**Dr. Simon Glynn**, who specializes in phenomenology, existentialism, hermeneutics and poststructuralism, and their application to the natural, human and social sciences, as well as political philosophy, has had his manuscript ***The Economic Logic of Late Capitalism and the Inevitable Triumph of Socialism*** accepted by Palgrave Macmillan. The work argues that the Great Recession was the consequence of a crisis of overproduction resulting from the increased exploitation of labor inherent in competitive capitalism, and therefore the harbinger of its ultimate demise.

**Dr. Carol Gould**, who has interests in ancient philosophy, the philosophy of psychiatry and the philosophy of literature, is under contract for her ***Aesthetics, Glamour and Persons*** with Bloomsbury Publishing which should be forthcoming in late 2020. The scholarship explores wide-ranging questions concerning the immense role aesthetics plays in the various dimensions of our lives.

**Dr. Clevis Headley** is finalizing his book ***Race, Philosophy and Being: Working Through the Contestability of Race and Philosophy***, which will be published by Lexington Books. Headley, who specializes in Africana philosophy, critical race theory, pragmatism, and analytic philosophy, is also currently co-editing ***George Yancy: A Critical Reader*** (Rowman & Littlefield) and is working on additional manuscripts on Afro-Caribbean philosophy.

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