

**MARINA PAOLA BANCHETTI**

**CURRICULUM VITAE**

(Updated: 6/1/2022)

Department of Philosophy  
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**EDUCATION**

**Ph.D.** Philosophy (1991)  
University of Miami

**Dissertation:** “Edmund Husserl: Intentionality and Meaning”

**Master of Arts** Philosophy (1990)  
University of Miami

**Bachelor of Arts** English, Philosophy (1985)  
Minors: History, Chemistry  
University of Miami

**MAJOR FIELDS**

- Phenomenology
- Philosophy of Science
- Philosophy of Language
- Philosophy of Mind
  
- **Philosophical Orientation:** Analytico-Phenomenological

## **LANGUAGES**

- Italian (Native/bilingual speaking, reading, and writing proficiency)
- French (Native/bilingual speaking, reading, and writing proficiency)
- Spanish (Native/bilingual speaking, reading, and writing proficiency)
- Portuguese (Full reading proficiency)

## **PROFESSIONAL EXPERIENCE**

2001- Present	Associate Professor Department of Philosophy Florida Atlantic University
1995- 2001	Assistant Professor Department of Philosophy Florida Atlantic University
1993- 1995	Visiting Assistant Professor Department of Philosophy Florida Atlantic University
Summer 1993	Adjunct Professor of Humanities Miami-Dade Community College
1992- 1993	Adjunct Professor of Philosophy Florida A&M University
1990- 1991	Instructor, Dept. of Philosophy University of Miami
1986- 1989	Teaching Assistant, Dept. of Philosophy University of Miami

## **ADMINISTRATIVE EXPERIENCE**

2017- 2019	Chair Department of Philosophy, Florida Atlantic University
2008- 2011	Associate Dean D. F. Schmidt College of Arts and Letters, Florida Atlantic University
2003- 2008	Chair Department of Philosophy, Florida Atlantic University

## RESEARCH AND SCHOLARSHIP

### COMPETITIVE RESEARCH GRANTS AND FELLOWSHIPS

**1995**

National Science Foundation: \$900 travel grant to present paper titled “Phenomenology of Science and the Problem of Induction” at the 10<sup>th</sup> International Congress of Logic, Methodology and Philosophy of Science, sponsored by the International Union of History and Philosophy of Science (Florence, Italy), August 19-25, 1995. [This competitive NSF grant was awarded through the Philosophy of Science Association based on a two-page abstract of the paper.]

### REFEREED PUBLICATIONS

#### Books

**2020**

*The Chemical Philosophy of Robert Boyle: Mechanicism, Chymical Atoms, and Emergence* (Oxford: Oxford University Press, 2020).

#### Co-Authored Books

**2022 – Forthcoming**

*From the Atom to Living Systems: A Chemical and Philosophical Journey into Modern and Contemporary Science*, with Giovanni Villani (under contract with Oxford University Press)

#### Co-Edited Books

**2006**

*Shifting the Geography of Reason: Science, Gender, and Religion*, edited and with an introduction by Marina Paola Banchetti-Robino and Clevis R. Headley (London: Cambridge Scholars Press); 2<sup>nd</sup> edition – paperback (London: Cambridge Scholars Press, 2008).

**1999**

*Philosophies of the Environment and Technology*, edited by Marina Paola Banchetti-Robino, Lester Embree and Don Marietta, with an introduction by Marina Paola Banchetti-Robino, in the series *Research in Philosophy and Technology*, Carl Mitcham (General editor), Vol. 18 (Stamford, CT: JAI Press, Inc.).

### **Edited Journals**

**2017**

Guest editor, *Foundations of Chemistry*, Special issue for the 20th annual symposium of the International Society for the Philosophy of Chemistry (Part II), Vol. 19, No. 3.

Guest editor, *Foundations of Chemistry*, Special issue for the 20th annual symposium of the International Society for the Philosophy of Chemistry (Part I), Vol. 19, No. 1.

### **Chapters, Articles, Encyclopedia Entries, and Reviews**

**2022**

“Robert Boyle and the Relational and Dispositional Nature of Chemical Properties”, *Foundations of Chemistry* (June). <https://link.springer.com/article/10.1007/s10698-022-09435-w>

“The Explanatory Significance of Negative-Empirical Concepts in Daniel Sennert’s Experimental Chymistry”, in *Proceedings of the 21<sup>st</sup> Conference of the International Society for the Philosophy of Chemistry*, edited by Jean-Pierre Llored, Synthese Library (Dordrecht: Springer) – Forthcoming.

“Phenomenological Epistemology and Nanotechnology: Scanning Tunneling Microscopy as Hermeneutic Technics”, in *Ethics and Chemistry: A Multidisciplinary Investigation*, edited by Jean-Pierre Llored (London: World Scientific Publishers) – Forthcoming.

**2021**

“L’Influenza del Vitalismo Rinascimentale sulla Spagiria Paracelsiana”, *Scienza e Filosofia*, Special Issue on Antimechanicism and Vitalism, edited by Vallori Rasini, No. 25 (2021), pp. 207-217. <http://www.scienzaefilosofia.com/2021/07/05/linfluenza-del-vitalismo-rinascimentale-sulla-spagirica-paracelsiana/>

**2020**

“The Limits of Classical Extensional Mereology for Quantum Chemistry”, *Philosophies*, Special Issue on Logic and Science, edited by Fabien Paillusson, Volume 5, Issue 16, pp. 1-16. <https://www.mdpi.com/2409-9287/5/3/16>

“The Changing Relation Between Atomicity and Elementarity From Lavoisier to Dalton”, in *What is a Chemical Element? A Collection of Essays by Chemists, Philosophers, Historians, and Educators*, edited by Elena Ghibaudi and Eric Scerri (Oxford: Oxford University Press, 2020), pp. 87-108.

“The Inadequacy of Husserlian Mereology for the Regional Ontology of Chemical Wholes”, in *Thomas Seeböhm on the Foundations of the Sciences: An Analysis and Critical Appraisal*, edited by Thomas Nenon, Series: Contributions to Phenomenology (Dordrecht: Springer), pp. 135-151.

**2019**

“Sull’inadeguatezza della mereologia formale husserliana per l’ontologia regionale degli insiemi chimici”, *Philosophy Kitchen: Rivista di Filosofia Contemporanea*, Vol. 7, No. 11 (September 2019), pp. 95-112. <http://philosophykitchen.com/2019/10/parti-insiemi-e-sistemi-il-concetto-di-emergenza-in-filosofia/>

“Mechanism and Chemistry in Early Modern Natural Philosophy”, in *Encyclopedia of Early Modern Philosophy and the Sciences*, Edited by Dana Jalobeanu and Charles T. Wolfe (Dordrecht: Springer) – This work is published both in print and online: [https://link.springer.com/referenceworkentry/10.1007/978-3-319-20791-9\\_145-1](https://link.springer.com/referenceworkentry/10.1007/978-3-319-20791-9_145-1)

Review of John Perry, *Dialogue on Consciousness: Minds, Brains, and Zombies* (Indianapolis: Hackett Publishing, 2018), *Teaching Philosophy*, Vol. 42, Issue 2 (June 2019), pp. 155-157.

“The Function of Microstructure in Boyle’s Chemical Philosophy: ‘Chymical Atoms’ and Structural Explanation”, *Foundations of Chemistry*, Volume 21, No. 1 (April 2019), pp. 51-59.

**2018**

“Il minimo, l’unità, e l’universo infinito nella cosmologia vitalistica di Giordano Bruno”, in *Platone nel pensiero moderno e contemporaneo*, Volume XV, edited by Andrea Muni (Milano: Limina Mentis, 2018), pp. 1-12.

**2017**

Guest editorial introduction, *Foundations of Chemistry*, Special issue for the 20th annual symposium of the International Society for the Philosophy of Chemistry (Part II), Vol. 19, No. 3.

Guest editorial introduction, *Foundations of Chemistry*, Vol. 19, No. 1, Special issue for the 20th annual symposium of the International Society for the Philosophy of Chemistry (Part I), Vol. 19, No. 1, pp. 3-4.

“Il neoplatonismo nell’ontologia chimica di Jan Baptista van Helmont”, in *Platone nel pensiero moderno e contemporaneo*, Volume X, edited by Andrea Muni (Milano: Limina Mentis).

**2016**

“Reality Without Reification: Philosophy of Chemistry’s Contribution to Philosophy of Mind”, with Jean-Pierre Noël Llored, in *Essays in the Philosophy of Chemistry*, edited by Grant Fisher and Eric Scerri (Oxford: Oxford University Press), pp. 83-110.

“Schutz’s Contribution to a Philosophical Dialogue at the Royaumont Conference in 1957” (Transcription of recorded lecture by Schutz in French and translation of transcription into English), *Schutzian Research* 8, pp. 13-15. (Transcription and translation solicited by editor)

**2015**

“Van Helmont’s Hybrid Ontology and Its Influence on the Chemical Interpretation of Spirit and Ferment”, *Foundations of Chemistry*, Vol. 18, 103-112.

**2014**

“From Corpuscles to Elements: Chemical Ontologies from Van Helmont to Lavoisier”, in *Philosophy of Chemistry: Growth of a New Discipline*, edited by Lee McIntyre and Eric Scerri, *Boston Studies in the Philosophy and History of Science*, Vol. 306 (Dordrecht: Springer), pp. 141-154.

**2013**

“The Relevance of Boyle’s Chemical Philosophy for Contemporary Philosophy of Chemistry”, in *Philosophy of Chemistry: Practices, Methodologies, and Concepts*, edited by Jean-Pierre Llored, with prefaces by Roald Hoffmann and Rom Harré and with an introduction by Jean-Pierre Llored (London: Cambridge Scholars Publishing, 2013), pp. 240-265.

**2012**

“The Ontological Function of First-order and Second-order Corpuscles in the Chemical Philosophy of Robert Boyle: The Redintegration of Potassium Nitrate”, *Foundations of Chemistry*, Vol. 14, No. 3 (2012), pp. 221-234.

**2011**

“Ontological Tensions in Sixteenth and Seventeenth Century Chemistry: Between Mechanism and Vitalism”, *Foundations of Chemistry*, Vol. 13, No. 3 (2011), pp. 173-186.

“*Black Orpheus* and Aesthetic Historicism: On Vico and Negritude”, *The Journal of French and Francophone Philosophy*, Vol. XIX, No. 2 (2011), pp. 121-135.

**2010**

“The Body in the Phenomenologies of Kojima and Aurobindo”, *The C.L.R. James Journal: A Review of Caribbean Ideas*, Vol 6, No. 1 (Fall 2010), pp. 5-16.

**2009**

“*Lebenswelt* and *Lebensform*: Husserl and Wittgenstein on the Possibility of Intercultural Communication”, *Arche*, Vol. XI, no. 11, pp. 57-71.

**2008**

“Hiroshi Kojima’s Phenomenological Ontology”, *Philosophy East and West*, Volume 58, No. 2, pp. 163-189.

Review of David Woodruff Smith, *Husserl* (New York, Routledge, 2007), *The Review of Metaphysics*, Vol. 61, No. 4, pp. 865-866

**2006**

“Introduction”, with Clevis R. Headley, to *Shifting the Geography of Reason: Science, Gender, and Religion* (London: Cambridge Scholars Press, pp. 45-56.

“Some Suggestions for the Development of a Phenomenological Africana Philosophy of Science”, in *Shifting the Geography of Reason: Science, Gender, and Religion* (London: Cambridge Scholars Press, pp. 45-56.

“The Microcosm/Macrocosm Analogy in Ibn Sîna and Husserl”, in *Islamic Philosophy and Occidental Phenomenology on the Perennial Issue of Microcosm and Macrocosm*, edited by Anna-Teresa Tymieniecka, *Islamic Philosophy and Occidental Phenomenology in Dialogue*, Volume 2 (Dordrecht, The Netherlands: Springer), pp. 25-39.

## 2005

“Frantz Fanon: Política y poética del sujeto poscolonial de Alejandro de Oto: Un Comentario”, *Caribbean Studies/Estudios del Caribe/Études de la Caraïbe*, Vol. 33, No. 2, pp. 227-232.

## 2004

"Ibn Sîna and Husserl on Intention and Intentionality," *Philosophy East and West*, Vol. 54, No. 1, pp. 71-82.

## 2003

Review of Alan H. Goldman, *Practical Rules: When We Need Them and When We Don't*, (Cambridge University Press, 2001), *The Review of Metaphysics*, Vol. LVI, No. 4, Issue No. 224, pp. 879-880.

## 2002

“El análisis fenomenológico de la *Vox Significativa* y su relación al la intencionalidad constitutiva de los animales no humanos”, *Proceedings of the XXXII Husserl Circle Meeting* (Lima, Perú), July 11-14.

Review article on Hiroshi Kojima, *Monad and Thou: Phenomenological Ontology of Human Being*, (Athens: Ohio University Press, 2000), *Continental Philosophy Review* 35 (2002), pp. 455-460.

## 2000

“F.J.J. Buytendijk on Woman: A Phenomenological Critique,” in *Feminist Phenomenology*, edited by Linda Fisher and Lester Embree (The Hague: Kluwer Academic Publishers, 2000), pp. 83-101.

## 1999

“Introduction”, to *Philosophies of the Environment and Technology* (Stamford, CO: JAI Press, Inc., 1999), pp. 85-94.

“Hermeneutic Technics: The Case of Nuclear Reactors,” in *The Philosophies of Environment and Technology*, (Stamford, CO: JAI Press, Inc., 1999), pp. 85-94.



**1997**

“Husserl’s Theory of Language as Calculus Ratiocinator,” *Synthese* **112**, pp. 303-321.

“A Wittgensteinian Approach to Scientific Instrumentalism,” in *The Role of Pragmatics in Contemporary Philosophy: Contributions to the Austrian Ludwig Wittgenstein Society*, Vol. 5, edited by Paul Weingartner, Gerhard Schurz, and Georg Dorn (Kirchberg am Wechsel: Austrian Ludwig Wittgenstein Society), pp. 28-32.

Review article on Eugene Schlossberger, *The Ethical Engineer*, (Philadelphia: Temple University Press, 1993), *APA Newsletter on Teaching Philosophy*, a publication of the American Philosophical Association, Vol. 96, No. 2, pp. 119-120.

**1996**

“On the Use of Fictional Works in Engineering Ethics Courses,” *APA Newsletter on Teaching Philosophy*, a publication of the American Philosophical Association, Vol. 96, No. 1, pp. 105-107.

**1995**

“Phenomenology of Science and the Problem of Induction,” abstract of paper presented at the 10<sup>th</sup> International Congress of Logic, Methodology and Philosophy of Science, August 19-25, 1995, Florence, Italy, sponsored by the International Union of History and Philosophy of Science, in *Volume of Abstracts*, (Comune di Cesena, Italy: Centro di Epistemologia “F.Enriques”), p. 273.

**1993**

“Føllesdal on the Notion of the Noema: A Critique,” *Husserl Studies* **10**, pp. 81-95.

**1992**

“My Station and Its Duties,” *Idealistic Studies*, Vol. XXII, no. 1, pp. 11-27.

**PRE-PRINTS****2009**

“Ontological Tensions in 16<sup>th</sup> and 17<sup>th</sup> Century Chemistry: Between Mechanism and Vitalism”, preprint in the University of Pittsburgh Center for Philosophy of Science’s PhilSci Archive at <http://philsci-archive.pitt.edu/4877/>

## **TRANSLATIONS OF REFEREED WORKS**

### **2010**

Moreno, César, “Fashion”, in *Handbook of Phenomenological Aesthetics*, edited by Hans Reiner Sepp and Lester Embree, Series: *Contributions to Phenomenology* (Dordrecht: Springer), pp. 107-110. (Spanish to English – Translation solicited by editors)

Escoubas, Eliane, “Henri Maldiney (1912-)”, in *Handbook of Phenomenological Aesthetics*, edited by Hans Reiner Sepp and Lester Embree, Series: *Contributions to Phenomenology* (Dordrecht: Springer), pp.193-195. (French to English – Translation solicited by editors)

### **2005**

Headley, Clevis R., “La historia y la idea de la modernidad en *Modernity Disavowed*”, *New Caribbean Studies*, special issue of *Caribbean Studies/Estudios del Caribe/Études de la Caraïbe*, Vol. 33, No. 2 (July-December), pp. 199-207. (English to Spanish – Translation solicited by editors)

## **WORKS UNDER REVIEW**

“The Discovery of the Weak Neutral Current: A Case Study Against the Kuhnian Notion of Global Incommensurability”, under review by *Foundations of Chemistry*.

## **WORKS IN PROGRESS**

Book-length manuscript (co-authored) – *From Atoms to Living Systems: A Chemical and Philosophical Journey into Modern and Contemporary Science*, with Giovanni Villani, Researcher at the Institute of Chemistry of Organometallic Compounds, Italian National Research Council - (under contract with Oxford University Press) – Forthcoming in 2022.

“The Weinberg-Salam Model and the Renormalizability of Gauge Theories in Elementary Particle Physics: Against the Popperian Notion of Falsifiability as the Line of Demarcation”, for submission to *Studies in History and Philosophy of Science, Part A*.

“‘Wide’ Wholes vs. Organic Wholes: A Mereological Analysis and Critique of Corporate Personhood”, for submission to *The American Journal of Jurisprudence*.

“The Concept of ‘Rational Program’ in Nature from *Logoi Spermatikoi* to the Double Helix”, for submission to *Studies in History and Philosophy of Science, Part A*.

Book-length manuscript (single authored) – Working title: *The Birth of Science Out of the Spirit of Myth: A Re-Examination of the Crisis of the European Sciences* – Outline of manuscript complete, first drafts of Chapters 3 and 4 partially complete.

### **CONFERENCES ORGANIZED**

#### **2016**

Organizer, 20<sup>th</sup> annual symposium of the International Society for the Philosophy of Chemistry, Florida Atlantic University, August 1-4.

### **SPECIAL CONFERENCE SESSIONS ORGANIZED**

#### **2018**

Organizer, Special Cognate Society Session on “What is a Chemical Element?”, Philosophy of Science Association 2018, Biennial Meeting, Seattle, November 1-4.

### **INVITED LECTURES**

#### **2021**

“The Role of Negative-Empirical Concepts in Sennert and Boyle”, panel discussion , Princeton-Bucharest Seminar in Early Modern Philosophy (Princeton University), September 21.

“John Dalton: Reconciling Atomicity and Elementarity”, Seminar on the History and Philosophy of Physics, Laboratoire Sphère - Université de Paris Diderot (Paris, France), May 18.

Discussion of my book *The Chemical Philosophy of Robert Boyle: Mechanicism, Chymical Atoms, and Emergence*, Association for the Discussion of the History of Chemistry (University of Cambridge, U.K.), February 15.

#### **2020**

“La Relacionalidad de las Propiedades Químicas en la Filosofía de Robert Boyle”, Jornadas de Fundamentos de Química (Symposium on the Foundations of Chemistry), sponsored by the Facultad de Ciencias Exactas y Naturales (Department of Exact and Natural Sciences) and CONICET, Austral University and University of Buenos Aires (Argentina), December 15.

**2019**

“Early Modern Chemical Ontologies and the Shift from Vitalism to Mechanicism”, Special Symposium of the Joint Commission of the International Union of History and Philosophy of Science and Technology, 16<sup>th</sup> International Congress of Logic, Methodology and Philosophy of Science and Technology, Institute of Philosophy of the Czech Academy of Sciences (Prague, Czech Republic), August 5-10.

"Nanotechnology as Hermeneutic Technics: Phenomenological Epistemology and the Manipulation of Nanomaterials", 2019 Phenomenology Roundtable, Florida Atlantic University, May 24-25.

**2018**

“Robert Boyle and the Relational and Dispositional Nature of Chemical Properties”, Seminar on the History and Philosophy of Chemistry, Laboratoire Sphère - Université de Paris Diderot (Paris, France), March 7, 2:00-4:00 p.m.

**2001**

"Husserl's Theory of Language as Calculus Ratiocinator", 2001 Phenomenology Roundtable, Brown University, June 15-18.

**REFEREED CONFERENCE PRESENTATIONS****2021**

“Robert Boyle on the Dispositional and Relational Nature of Chemical Properties”, 24<sup>th</sup> annual symposium of the International Society for the Philosophy of Chemistry, University of Buenos Aires (Buenos Aires, Argentina), July 12-23.

**2019**

“Phenomenological Epistemology and Nanotechnology: Scanning Tunneling Microscopy as Hermeneutic Technics”, 23<sup>rd</sup> annual symposium of the International Society for the Philosophy of Chemistry, University of Torino (Torino, Italy), July 15-17.

**2018**

“The Changing Relation Between Atomicity and Elementarity: From Lavoisier to Dalton”, 22<sup>st</sup> annual symposium of the International Society for the Philosophy of Chemistry, University of Bristol (Bristol, England), July 16-18.

**2017**

“The Explanatory Significance of Negative-Empirical Concepts in Daniel Sennert’s Experimental Chymistry”, 21<sup>st</sup> annual symposium of the International Society for the Philosophy of Chemistry, Laboratoire Sphère - Université de Paris Diderot (Paris, France), July 3-6.

**2014**

“The Function of Microstructure in Boyle’s Chemical Philosophy: ‘Chymical Atoms’ and Structural Explanation”, Philosophy of Science Association/History of Science Society Biennial Meeting (Chicago, Illinois), November 6-9.

“Van Helmont’s Hybrid Ontology and Its Influence on the Chemical Interpretation of Spirit and Ferment”, International Society for the Philosophy of Chemistry 2014 (London School of Economics, London, England), July 7-July 9.

**2013**

“19<sup>th</sup> Century Atomism and the Empirical Nature of the Chemical Atom: Dalton Against Lavoisier”, International Society for the Philosophy of Chemistry 2013 (Universidad de la Republica, Montevideo, Uruguay), July 31-August 4.

**2012**

“Boyle on Essential and Extraessential Properties of Material Species: The Reduction to the Pristine State”, International Society for the Philosophy of Chemistry 2012 (Katholieke Universiteit Leuven, Belgium), August 7-10.

**2011**

“Is Peter’s Dog Barking Intentionally? A Husserlian Critique of the *Latratus Canis* in Abelard’s Zoosemiotic Theory”, International Conference on Zoosemiotics and Animal Representations (Tartu, Estonia), April 4-8. [Revised and expanded version of paper presented at the Husserl Circle Meeting in Lima (Perù) in July 2002.]

**2010**

“The Ontological Function of First-order and Second-order Corpuscles in the Chemical Philosophy of Robert Boyle: The Reintegration of Potassium Nitrate”, International Society for the Philosophy of Chemistry 2010 (University College, Oxford), August 8-11.

**2009**

“Ontological Tensions in 16<sup>th</sup> and 17<sup>th</sup> Century Chemistry: Between Mechanism and Vitalism”, International Society for the Philosophy of Chemistry Symposium 2009, co-sponsored by the University of Pennsylvania and the Chemical Heritage Foundation (Chemical Heritage Foundation, Philadelphia), August 13-15.

**2008**

“*Black Orpheus* and Aesthetic Historicism: On Vico and Négritude”, 5<sup>th</sup> Annual Meeting of the Caribbean Philosophical Association (Pointe-à-Pitre, Guadeloupe), June 4-6.

**2006**

“The Birth of Science Out of the Spirit of Myth: Husserl vs. Vico on the Galilean Mathematization of Nature”, 3<sup>rd</sup> Annual Meeting of the Caribbean Philosophical Association (Montréal, Canada), August 1-3.

**2005**

“The Body in the Phenomenologies of Kojima and Aurobindo”, 2<sup>nd</sup> Annual Meeting of the Caribbean Philosophical Association (San Juan, University of Puerto Rico), June 1-3.

“Alejandro de Oto’s *Fanon: A Commentary*”, 2<sup>nd</sup> Annual Meeting of the Caribbean Philosophical Association (San Juan, University of Puerto Rico), June 1-3.

**2004**

“The Microcosm/Macrocosm Analogy in Ibn Sina and Husserl”, 3<sup>rd</sup> World Congress of Phenomenology, sponsored by the World Institute for Advanced Phenomenological Research and Learning (Wadham College, Oxford), August 15-21.

“Some Suggestions for the Development of a Phenomenological Africana Philosophy of Science”, 1<sup>st</sup> Meeting of the Caribbean Philosophical Association (Cave Hill, Barbados), May 15-21.

**2002**

“Is Peter's Dog Barking Intentionally? A Husserlian Analysis of the *Latratus Canis* in Abelard's Semiotic Theory”, XXXII Husserl Circle Meeting (Lima, Perú), July 11-14.

“Phenomenology East and West: On the Horizon of Intersubjectivity”, 2002 Phenomenology Roundtable, Brown University, June 28-30.

"Kojima's *Monad and Thou* as a Model for Bridging the Gap Between Human Sameness and Animal Otherness", Symposium on Phenomenology as a Bridge Between East and West, sponsored by the Center for Advanced Research in Phenomenology (Delray Beach, Florida), May 6-8.

## 2001

"A Husserlian Critique of Ibn Sina's Account of Intention", Florida Philosophical Association, 47<sup>th</sup> Annual Meeting, Stetson University (DeLand, Florida), November 9-10.

## 2000

"Avicenna and Husserl on the Concept of Intentionality," 4<sup>th</sup> International Research Conference, Society for Asian and Comparative Philosophy (Columbia, Missouri), September 28-October 1.

## 1997

"A Wittgensteinian Approach to Scientific Instrumentalism," 20<sup>th</sup> International Wittgenstein Symposium, sponsored by the Austrian Ludwig Wittgenstein Society, (Kirchberg am Wechsel, Austria), August 10-16.

## 1996

"Hermeneutic Technics: The Case of Nuclear Reactors," Research Symposium on "The Philosophies of the Environment and Technology", Florida Atlantic University (Boca Raton, Florida), November 15-17.

## 1995

"Phenomenology of Science and the Problem of Induction," 10<sup>th</sup> International Congress of Logic, Methodology and Philosophy of Science, sponsored by the International Union of History and Philosophy of Science (Florence, Italy), August 19-25. (Sponsored by a travel grant from the National Science Foundation.)

## 1994

"Nietzsche and Postmodern Discourse," International Association for Philosophy and Literature, 18<sup>th</sup> Annual Conference, University of Alberta (Edmonton, Alberta, Canada), May 4-7.

"Johannes Daubert on Transcendental Reduction: A Critique," Husserl Circle, annual meeting, sponsored by the Center for Advanced Research in Phenomenology, Florida Atlantic University (Boca Raton, Florida), May 27-29.

## **NON-REFEREED PUBLICATIONS**

**2022**

“Beyond Cartesian Mechanicism: Robert Boyle’s Chemical Philosophy”, in *Jargonium: A Blog About Chemistry* (April 15), at <https://www.jargonium.com/post/beyond-cartesian-mechanicism-robert-boyle-s-chemical-philosophy>

**2004**

“The Moral Status of Homosexuality: A Philosophical Perspective”, in *Same-Sex Unions: A Symposium*, edited by Clevis Headley and Anthony Julian Tamburri, *Working Papers 2*, Center for Interdisciplinary Studies, Dorothy F. Schmidt College of Arts and Letters (Florida Atlantic University: Center for Interdisciplinary Studies, 2004), pp. 4-11.

## **NON-REFEREED SCHOLARLY PRESENTATIONS, CONFERENCE PARTICIPATION, AND PUBLIC LECTURES**

**2018**

“The Ethical and Environmental Implications of Manipulating Nanomaterials”, invited presentation to the Institute for Learning in Retirement (Boca Raton, Florida), October 15 (Presentation solicited by Dr. Ata Sarajedini, Board member of ILIR and Dean of the Charles E. Schmidt College of Science).

**2012**

“The Bill of Rights and the Declaration of the Rights of Man and of the Citizen: A Comparison and Contrast”, 2012 Constitution Day Commemoration Lectures, sponsored by the Jack Miller Forum, the Vice-President for Student Affairs, the New Student and Owl Family Programs, the Dorothy F. Schmidt College of Arts and Letters, the Department of Political Science, the Department of Philosophy, the Charles E. Schmidt College of Medicine, and the Dean of Undergraduate Studies (Florida Atlantic University), September 19.

“The Relevance of the Philosophy of Chemistry for the Philosophy of Mind”, presentation to the Florida Atlantic University Philosophy Club, March 29.



**2011**

“The Constitution and the Foundation of Natural Rights”, Symposium on “Sharing Knowledge: Perspectives on the Constitution”, sponsored by the Jack Miller Forum, the Vice-President for Student Affairs, the Dean of Students, the Dean of Undergraduate Studies, New Student and Owl Family Programs, and the Department of Political Science (Florida Atlantic University), September 14.

**2010**

“Locke, Natural Rights, and the Constitution”, Symposium on “Interdisciplinary Perspectives on the Constitution”, sponsored by the Dorothy F. Schmidt College of Arts and Letters, the Dean of Students, and the Student Union (Florida Atlantic University), September 17.

“The Influence of Renaissance Hermeticism on the Scientific Revolution”, Exhibition and Lecture Series on Renaissance Science, Magic, and Medicine (March 22- April 30, 2010), Exhibition and Lecture Series Sponsored by grants from the National Library of Medicine and the National Institutes of Health (Sybil and Marvin Weiner Special Collections, Wimberly Library, Florida Atlantic University, Boca Raton, Florida), March 23.

**2009**

Chaired session on the topic of “Origins”, Symposium on “Jewish Mysticism: New Insights and Scholarship”, sponsored by the Jewish Studies Program, Dorothy F. Schmidt College of Arts and Letters, February 15.

**2007**

“The Compatibility of Science and Religion”, Spring 2007 Colloquium Series, sponsored by the Dorothy F. Schmidt College of Arts and Letter Ph.D. in Comparative Studies Program

**2004**

“The Moral Status of Homosexuality: A Philosophical Perspective”, Symposium on “Same Sex Marriages/Civil Unions”, Sponsored by the Center for Interdisciplinary Studies, Dorothy F. Schmidt College of Arts and Letters, Florida Atlantic University (Boca Raton, Florida), January 25.

**2000**

Panelist, roundtable discussion on “Mary Daly: Her Philosophy and the Current Politics Around Her Legal Battle With Boston College,” National Women’s Studies Association, 21<sup>st</sup> Annual Conference, (Boston, Massachusetts), June 14-18.

### **1995**

“Giambattista Vico on the Origins of Language and Myth,” guest lecture, Department of Languages and Linguistics, Florida Atlantic University (Boca Raton, Florida), February 24.

### **1994**

“Coleridge’s Philosophy of Nature,” Arts, Humanities, and Social Science Seminar Lectures, Florida Atlantic University (Boca Raton, Florida), December 1.

### **1992**

“Natural Law vs. Legal Positivism,” guest lecture, Department of Political Science, Florida A&M University (Tallahassee, Florida).

## **TEACHING EXPERIENCE**

### **COMPETITIVE TEACHING GRANTS AND FELLOWSHIPS RECEIVED**

Women’s Studies Center at Florida Atlantic University: \$2000 fellowship to develop a course, for the Master’s Certificate in Women’s Studies, entitled “Women, Science, and Ecology”.

### **UNIVERSITY HONORS AND AWARDS**

2001-2002 Excellence in Undergraduate Teaching Award, Dorothy F. Schmidt College of Arts and Letters.

1998-99 TIP (Teaching Incentive Program) Award recipient, Dorothy F. Schmidt College of Arts and Letters.

1997-98 College Researcher of the Year, Assistant Professor category, Schmidt College of Arts and Letters (and Dorothy F. Schmidt College of Arts and Letters Nominee for 1997-98 University Researcher of the Year, Assistant Professor category).

## **AREAS OF TEACHING COMPETENCE**

- Phenomenology
- Philosophy of Science
- Philosophy of Language
- Philosophy of Mind
- Ethical Theory
- Applied and Professional Ethics (esp. Engineering Ethics)
- Logic (Informal, Syllogistic, Propositional, and Predicate [first-order symbolic])
- Epistemology
- History of Philosophy (Ancient to 20<sup>th</sup> Century)
- Social and Political Philosophy
- Aesthetics
- Metaphysics
- Existentialism
- Continental Philosophy
- Feminism

## **COURSES TAUGHT**

### **Florida Atlantic University**

#### **a. Graduate**

- Renaissance Thought and the Scientific Revolution
- Masterpieces in Human Thought

#### **b. Undergraduate**

- Medieval and Renaissance Philosophy
- Political Philosophy of the Enlightenment (Senior Seminar)
- Early Modern Philosophy
- Late Modern Philosophy
- Philosophy of Mind
- Philosophy of Science
- Phenomenology
- Existentialism
- Logic
- Symbolic Logic
- Engineering Ethics
- Literature and Philosophy of the French Enlightenment (Team-taught course)
- Practical Logic (Informal and Syllogistic)

## **Florida A&M University**

### **a. Undergraduate**

- Ethical Theory and Applied Ethics
- Logic (Informal, Syllogistic, and First-Order Symbolic)
- Aesthetics

## **University of Miami**

### **a. Undergraduate**

- Introduction to Philosophy
- Contemporary Moral Issues
- Logic (Informal, Syllogistic, and First-Order Symbolic)

## **COURSES DEVELOPED**

### **Florida Atlantic University**

#### **a. Graduate**

- Science and Culture
- Renaissance Thought and the ‘Scientific’ Revolution
- Masterpieces in Human Thought
- The Shaping of Public Knowledge in the Seventeenth and Eighteenth Centuries  
(Co-developed with Professor Ben Lowe, Department of History)
- Women, Science, and Ecology  
(Women’s Studies Masters Degree Program)

#### **b. Undergraduate**

- Medieval and Renaissance Philosophy
- Early Modern Philosophy
- Late Modern Philosophy
- Political Philosophy of the Enlightenment (Senior Seminar)
- Philosophy of Mind
- Philosophy of Science
- Existentialism
- Phenomenology
- Critical Thinking
- Logic
- Symbolic Logic
- Literature and Philosophy of the French Enlightenment  
(Co-developed with Professor Jeffrey Woodbury, Department of Languages and

- Linguistics)
- Engineering Ethics  
(Developed at the request of the Department of Mechanical Engineering)
  - Feminist Critical Theory (Women’s Studies Certificate Program)

### Florida A&M University

#### a. Undergraduate

- Ethical Theory and Applied Ethics  
(Business Ethics, Medical Ethics and Bioethical Issues, Environmental Ethics, Social Ethics, International Ethics)
- Aesthetics
- Logic (Informal, Syllogistic, and First-Order Symbolic)

### DISSERTATION COMMITTEES

2010-2016	<u>Chair</u>	<p><u>Title:</u> <i>A Whiteheadian Interpretation of the Zoharic Creation Story.</i></p> <p><u>Candidate:</u> Michael Gold, Ph.D. in Comparative Studies.</p> <p><u>Committee Members:</u> Frederick Greenspahn (LLCL), Kristen Lindbeck (LLCL), Hartley Lachter (Muhlenberg College), and Eitan Fishbane (Jewish Theological Seminary).</p>
2022	<u>Member</u>	<p><i>Habilitation a Diriger les Recherches</i></p> <p><u>Candidate:</u> Jean-Pierre Llored, Université d’Aix-Marseille</p> <p><u>Committee Chair:</u> Virginie Fonteneau (Université Paris Saclay), Olimpia Lombardi (Universidad de Buenos Aires), Justin Smith (Université de Paris), Hasok Chang (University of Cambridge), Jean Gabriel Ganascia (Université de Paris 6), Pascal Taranto (Université d’Aix-Marseille).</p>
2020-Present	<u>Member</u>	<p><u>Title:</u> <i>Approach and Avoidance in the Late Novels of Henry James</i></p> <p><u>Candidate:</u> Jamie Martin, Ph.D. in Comparative Studies.</p> <p><u>Committee Chair:</u> Andrew Furman (English).</p>
2015-2019	<u>Member</u>	<p><u>Title:</u> <i>The Zen/Budo of the Arts: Discovering Tranpersonal Influences and Insights Into Cultural Integration Through the Artistry of the Kata in Traditional Karate.</i></p> <p><u>Candidate:</u> James Frederic Bonomo, Ph.D. in Comparative Studies.</p> <p><u>Committee Chair:</u> James Cunningham (Music).</p>

- 2007-2011      Member      Title: *Empathy as a Function of the Sublime and Beautiful in a Wilderness Environment*  
Candidate: Robert Axberg, Ph.D. in Comparative Studies.  
Committee Chair: Carol Gould (Philosophy).
- 2007-2009      Member      Title: *The Philosophy of the Animal in 20<sup>th</sup> Century Literature.*  
Candidate: Jamie Johnson, Ph.D. in Comparative Studies.  
Committee Chair: Andrew Furman (English).

### **MASTERS THESIS COMMITTEES**

- 2009-2011      Chair      Title: *The Influence of Plotinus on Marsilio Ficino's Doctrine of the Hierarchy of Being.*  
Candidate: Nora Ayala, Masters in Liberal Studies,  
Philosophy Concentration  
Committee Members: Carol Gould (Philosophy) and Clevis Headley (Philosophy)
- 2020              Member      Title: *Feminist Phenomenologies of Illness*  
Candidate: Emily O'Connell, M.A. in Women, Gender, and Sexuality Studies.  
Committee Chair: Nicole Morse (Women, Gender, and Sexuality Studies).
- 2007-2008      Member      Title: *The Philosophy of Magic.*  
Candidate: Mark Gobeo, Masters in Liberal Studies,  
Philosophy Concentration.  
Committee Chair: Carol Gould (Philosophy).
- 1997-1998      Member      Title: *La transformación de la historia y el lenguaje por Ana Lydia Vega: representación del puertorriqueño en sus cuentos.*  
Candidate: Aida E. Santiago, Masters in Spanish.  
Committee Chair: Mary Ann Gosser-Esquillín (LLCL).

### **HONORS THESIS ADVISING COMMITTEES:**

- 2019              Advisor      Title: *Plotinus vs. Iamblichus: In Defense of Theurgic Praxis Over Mystical Union.*  
Student: John Powell Barksdale IV.

- 2018      Advisor      Title: *The Moral Semiosphere: Locke's Philosophy of Liberal Semiotic Communities.*  
Student: Christopher Shepler.
- 2018      Member      Title: *Simone de Beauvoir: Ethics of Ambiguity.*  
Student: Ramani Rodriguez-Apple.  
Thesis Advisor: Clevis Headley.
- 2018      Member      Title: *A Critique of Robert Nozick's Entitlement Theory.*  
Student: Mykyta Storozhenko.  
Thesis Advisor: Clevis Headley.
- 2017      Advisor      Title: *A Spiritual Framework of Organic Oneness: The Eco-Theological Shift Towards a Collective Ecological Consciousness.*  
Student: Kjirsten Durand.

## **PROFESSIONAL AFFILIATIONS AND SERVICE**

### **SERVICE TO THE PROFESSION**

- 2020-Present      Associate Editor  
*Foundations of Chemistry* (Springer)  
(Sister journal of *Foundation of Physics*)
- 2019-Present      Advisory Board  
Society for Phenomenology and Philosophy of Science
- 2018-Present      Member, Diversity Committee  
Florida Philosophical Association
- 2018      Member, Scientific Committee  
International Society for the Philosophy of Chemistry 22<sup>st</sup> Annual Symposium  
University of Bristol (England)
- 2017-Present      Executive Committee, Member  
International Society for the Philosophy of Chemistry
- 2017-Present      Book Review Editor

*Foundations of Chemistry* (Springer)

- 2017 Member, Scientific Committee  
International Society for the Philosophy of Chemistry 21<sup>st</sup> Annual Symposium  
Laboratoire Sphère, Université de Paris Diderot (Paris, France)
- 2004-Present Chair, Committee on Translations  
Caribbean Philosophical Association

### **SPONSORED RESEARCH PROJECT PEER REVIEWS**

**2020**

Reviewed research grant application proposal for the Fonds National de la Recherche Scientifique (FNRS):

- Title of research project proposal: *Identique ou Distinct? Une Étude Historique-Philosophique-Scientifique du Concept d'Isotopie / Identical or Distinct? A Historical-Philosophical-Scientific Study of the Concept of Isotopy*
- Research project at the intersection of philosophy of science, history of science, and the exact and natural sciences
- Review of proposal solicited by the Fonds National de Recherche Scientifique (FNRS).

**2015**

Reviewed research grant application proposal for the Agence Nationale de la Recherche (ANR) and the Deutsche Forschungsgemeinschaft (DFG):

- Title of research project proposal: *Politique, éthique et économie des formes de vie / Lebensformen: Ethische, politische und ökonomische Perspektiven.*
- Joint Franco-German research project in the human and social sciences (philosophy, political science, sociology, history, anthropology, linguistics, economics, history of science, and history of medicine).
- Review of proposal solicited by the Agence Nationale de la Recherche (ANR) and the Deutsche Forschungsgemeinschaft (DFG).

### **FULL MANUSCRIPT PEER REVIEWS (SOLICITED BY PUBLISHERS)**

**2020**

Enke, Chris, *Seeking Scientific Certainty in the Midst of Change* (Oxford University Press).

**2006**



Bowen, Jack, *Ian's Great Amazing Philosophical Adventure* (Longman Publishing Company).

**2005**

Walter, Bruce, *Coffee and Philosophy* (Longman Publishing Company)

**2004**

Feist, Richard A., *Husserl and the Sciences: Selected Perspectives* (The University of Ottawa Press).

**2003**

Robert Boyd, *Critical Reasoning and Logic* (Prentice Hall Publishers).

**2002**

Engel, S. Morris, *The Study of Philosophy*, 5<sup>th</sup> Edition (Collegiate Press).

**BOOK PROPOSAL PEER REVIEWS (SOLICITED BY PUBLISHERS)**

**2020**

Grey, John and Head, Jonathan, *Introduction to Early Modern Philosophy: An Inclusive Approach* (Bloomsbury Academic Publishing).

**2018**

De Oto, Alejandro, Frantz Fanon: Politics and Poetics of the Postcolonial Subject [English translation of De Otos's *Frantz Fanon: Política y poética del sujeto poscolonial*], Rowman & Littlefield.

- Review of manuscript and of translation proposal for Series on Global Caribbean Thought.

**BOOK CHAPTER PEER REVIEWS**

**2018**

“Referring to Chemical Elements and Compounds: Colourless Airs in Late Eighteenth Century Chemical Practice”

- Chapter reviewed for Oxford University Press for a book on the nature of the philosophy of chemistry.

## **JOURNAL ESSAY PEER REVIEWS (SOLICITED BY EDITORS)**

### **2022**

“Robert Boyle and Natural Kinds”

- Journal of the American Philosophical Association (Cambridge University Press)

“Philosophical Grounds for Designing Invisible Molecules”

- Essay reviewed for *Foundations of Chemistry*.

### **2021**

“Some Philosophical Considerations About the Concept of Existence”

- Essay reviewed for *Mathematics*, Special Issue on ‘Mathematical Philosophy and Mathematical Logic’.

### **2020**

“Linking Science and Philosophy: A New Probabilistic Logic”

- Essay reviewed for *Philosophies*, special issue on ‘Science and Logic’.

“Nanomaterials and Intertheoretical Relations: Macro- and Nanochemistry as Emergent Levels”

- Essay reviewed for *Foundations of Science*.

“How to Investigate the Underpinnings of the Sciences? The Case of the Element Chlorine”

- Chapter reviewed for *Foundations of Chemistry*, special issue.

“Soul, Archeus, and Natural Law in Van Helmont’s Medical Naturalism”

- Essay reviewed for *HOPOS: The Journal of the International Society for the History of Philosophy of Science*.

### **2019**

“Chemistry and Measurement: Some Philosophical Issues”

- Essay reviewed for *Perspectives on Science*, special issue.

“Perspectivism and Affordances: A Contribution from the Philosophy of Sciences”

- Essay reviewed for *European Journal for Philosophy of Science*.

### **2017**

“Inductive Reasoning in the Context of Discovery: Analogy as an Experimental Stratagem in the History and Philosophy of Science”

- Essay reviewed for *Studies in History and Philosophy of Science*.

“Theory Comparison and Choice in Chemistry, 1766-1791”

- Essay reviewed for *Foundations of Chemistry*.

“Do Animals Have Technologies?”

- Essay reviewed for *Studia Phaenomenologica*.

“The Phenomenology of Intuition – A Critique of Bealer”

- Essay reviewed for *Florida Philosophical Review*.

## 2015

“Lived Experience of the Left: The Missing Element in Defining Handedness”

- Essay submission reviewed for the Florida Philosophical Association 2015 conference.

“Reality: A Subjective Empirical Illusion”

- Essay reviewed for *Florida Atlantic University Undergraduate Research Journal*.

## **MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

### **a. International**

- International Society for the Philosophy of Chemistry
- Philosophy of Science Association
- History of Science Society
- British Society for the Philosophy of Science
- Society for the History of Alchemy and Chemistry
- Society for Phenomenology and Existential Philosophy
- International Association for Philosophy and Literature
- Husserl Circle
- Society for Asian and Comparative Philosophy
- Phenomenology for East Asia Circle
- Caribbean Philosophical Association

### **b. National**

- American Philosophical Association

**c. Regional**

- Southern Society for Philosophy and Psychology

**d. State**

- Florida Philosophical Association

**SERVICE TO THE UNIVERSITY****UNIVERSITY SERVICE**

2018-Present	Discipline Coordinator, Philosophy Statewide Course Number System State University System of Florida
2018-Present	Philosophy and Religions Representative Common Prerequisite Committee State University System of Florida
2004-2005	Member - Committee on High School Dual Enrollment (with Henderson School)
1999-2000	Chair - Guidelines and Procedures Revisions Subcommittee University Undergraduate Programs Committee
1996-1999	Chair - Florida Atlantic University International Film Series Committee

**COLLEGE SERVICE**

2017-2018	Chair – DFS College of Arts and Letters Scholarship Committee
2017-2018	Member – DFS College of Arts and Letters Scholarship Committee
2008-2011	DFS College of Arts and Letters Dean’s Representative IRM Advisory Committee
2008-2011	DFS College of Arts and Letters Dean’s Representative Innovation and Entrepreneurship Committee

2008-2011	DFS College of Arts and Letters Dean's Representative Green Team Committee
2008-2011	DFS College of Arts and Letters Building Administrator
2008-2011	Dean's Office Representative, <i>ex officio</i> College Undergraduate Programs Committee
2008-2011	Dean's Office Representative Management Council
2008-2011	Dean's Office Representative Chairs' Forum
2008-2011	Dean's Office Representative, <i>ex officio</i> Research and Other Creative Activities Committee
2008-2011	Dean's Office Representative, <i>ex officio</i> Peace Studies Committee
2006-2007	Member – Search Committee Position: Dean of the Dorothy F. Schmidt College of Arts and Letters
2004-2007	College Representative Core Curriculum/General Education Task Force
2004-2006	Dean's Faculty Advisory Committee Dorothy F. Schmidt College of Arts and Letters
2003-2008	Member - Dean's Executive Committee Dorothy F. Schmidt College of Arts and Letters
2003-2008	College Representative, Discipline Committees on Common Prerequisites Division of Colleges and Universities Florida Board of Education
2003-2006	Member - Ph.D. in Comparative Studies Literatures, Literacies, and Linguistics Track
2001-2002	Member - Search Committee Position: 2001 Schmidt Eminent Scholar Chair in the Performing Arts
1997-2002	Chair – College Undergraduate Programs Committee Dorothy F. Schmidt College of Arts and Letters

1997-2002 College Representative - University Undergraduate Programs Committee

**DEPARTMENT SERVICE**

2016 Undergraduate Advisor (Spring 2016)  
Department of Philosophy

2015 Philosophy Department Representative  
DFS College Scholarship Committee

2013-Present Editor-in-Chief  
*Athene Noctua: Undergraduate Philosophy Journal*

2013-Present Faculty Advisor - Florida Beta Chapter  
Phi Sigma Tau (National Philosophy Honor Society)

2011-Present Philosophy Department Representative  
Undergraduate Programs Committee  
Dorothy F. Schmidt College of Arts and Letters

2013- 2014 Faculty Advisor - Florida Atlantic University Philosophy Club

2005-2006 Chair, Search Committee  
Position: Assistant Professor in Philosophy

2002-2008 Philosophy Department Representative  
College Graduate Programs Committee

2002-2008 Philosophy Department Representative  
College Undergraduate Programs Committee

1997-2008 Faculty Advisor - Florida Beta Chapter  
Phi Sigma Tau (National Philosophy Honor Society)

1997-2008 Faculty Advisor - Florida Atlantic University Philosophy Club

1998-2001 Chair – Curriculum Revision Committee  
Department of Philosophy (Revisions effective in Fall 2002)

1997 Junior Faculty Representative,  
Promotion and Tenure Subcommittee  
Department of Philosophy