

Julian Charles Cole
Curriculum Vitae

Department of Philosophy
SUNY Buffalo State
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Employment

- Associate Professor, SUNY Buffalo State, 2014 – present
- Assistant Professor (Tenure-Track), SUNY Buffalo State, 2008 – 2014
- Assistant Professor (Tenure-Track), University of Texas-Pan American, 2006 – 2008
- Interim Assistant Chair, University of Texas-Pan American, Fall 2007
- Lecturer, The Ohio State University, 2005 – 2006

Education

- Ph.D., Philosophy, The Ohio State University, 2005
Dissertation: Practice-Dependent Realism and Mathematics
Committee: Stewart Shapiro (advisor), Neil Tennant, Robert Kraut
- Ph.D., Pure Mathematics, University of St. Andrews, 1999
Dissertation: Graph Directed Self-Conformal Multifractals
Committee: Lars Olsen (advisor), Kenneth Falconer
- B.Sc. (1st Class with Honours), Pure Mathematics, University of St. Andrews, 1995

Areas of Specialization

Philosophy of Mathematics, Social Ontology

Areas of Competence

Logic, Epistemology, Metaphysics, Philosophy of Mind, Philosophy of Language

Awards and Honors

- Discretionary Supplemental Pay, Excellence in Research, SUNY Buffalo State, 2015 – 2016
- Faculty Mentor, Undergraduate Travel Award, National Intercollegiate Ethics Bowl, SUNY Buffalo State, 2012 – 2013
- Discretionary Pay Increase, Excellence in Teaching and Research, SUNY Buffalo State, 2010 – 2011
- Faculty Mentor, Undergraduate Research Award, Intercollegiate Ethics Bowl, SUNY Buffalo State, 2009 – 2010
- Discretionary Pay Increase, Excellence in Teaching and Research, SUNY Buffalo State, 2009 – 2010
- Discretionary Pay Increase, Excellence in Teaching and Research, SUNY Buffalo State, 2008 – 2009
- Title V Faculty Development Award, Advanced Workshops on Cooperative Learning, University of Texas - Pan American, 2007 – 2008
- Title V Faculty Development Award, Workshops on Cooperative Learning and Learning Communities, University of Texas - Pan American, 2006 – 2007

- Presidential Fellowship, The Ohio State University, 2004 – 2005
- William H. Fink Essay Award, The Ohio State University, 2004
- Andrew Carnegie Scholarship, Graduate research at a Scottish university, 1995-1996
- Duncan Medal and Prize, University of St. Andrews, 1995
- Arthur Hinton Read Memorial Prize, University of St. Andrews, 1995
- Alexander Stewart Prize, University of St. Andrews, 1994
- Tullis Medal and Prize, University of St. Andrews, 1993
- Duncan Medal and Prize, University of St. Andrews, 1993

Articles, Encyclopedia Entries, and Book Chapters

- ‘Humanism about Abstract Objects’, in Bharath Sriraman (ed.) *Humanizing Mathematics and Its Philosophy: Essays Celebrating the 90th Birthday of Reuben Hersh*, Birkhäuser, Basel, Switzerland, 2017, pp. 151–165
- ‘Social Construction, Mathematics, and the Collective Imposition of Function onto Reality’, *Erkenntnis* **80(6)** (2015), pp. 1101–1124
- ‘An Abstract Status Function Account of Corporations’, *Philosophy of the Social Sciences* **44(1)** (2014), pp. 23–44
- ‘Towards an Institutional Account of the Objectivity, Necessity, and Atemporality of Mathematics’, *Philosophia Mathematica* **21(1)** (2013), pp. 9–36
- ‘Mathematical Structuralism Today’, *Philosophy Compass* **5(8)** (2010), pp. 689–699
- ‘Mathematical Platonism’, *Internet Encyclopedia of Philosophy*, first published March 13, 2010
- ‘Creativity, Freedom, and Authority: A New Perspective on the Metaphysics of Mathematics’, *Australasian Journal of Philosophy* **87(4)** (2009), pp. 589–608
- ‘Mathematical Domains: Social Constructs?’, in Bonnie Gold and Roger Simons (eds.) *Proof and Other Dilemmas: Mathematics and Philosophy*, Mathematics Association of America, Washington, D.C., 2008, pp. 109–128
- ‘Multifractal Variation Measures and Multifractal Density Theorems’, *Real Analysis Exchange* **28** (2003), pp. 501–514 (with Dr. Lars Olsen)
- ‘Relative Multifractal Analysis’, *Chaos, Solitons and Fractals* **11** (2000), pp. 2233–2250

Critical Studies and Book Reviews

- Review of Gila Sher’s *Epistemic Friction: An Essay on Knowledge, Truth, and Logic*, *Philosophia Mathematica* (forthcoming)
- Review of Alan Weir’s *Truth Through Proof: A Formalist Foundation for Mathematics*, *Philosophy in Review* **32 (6)** (2012), pp. 529–532
- Review of Giovanni Sommaruga’s (ed.) *Foundational Theories of Classical and Constructive Mathematics*, *Studia Logica* **100 (5)** (2012), pp. 1047–1050
- A critical study of Gianluigi Oliveri’s *A Realist Philosophy of Mathematics*, *Philosophia Mathematica* **16(3)** (2008), pp. 409–420
- ‘Social Construction: The Neglected Option’, a critical analysis of Jody Azzouni’s *Defeating Existential Consequence: A Case for Nominalism*, *Notre Dame Journal of Formal Logic* **46(2)** (2005), pp. 235–247
- Review of David Corfield’s, *Towards a Philosophy of Real Mathematics*, *Math. Rev.* 2004f:00005

- Review of Mark Colyvan's, *The Indispensability of Mathematics*, *Mind* **112(446)** (2003), pp. 331–336 (with Prof. Stewart Shapiro)
- Review of Sunny Y. Auyang's, *Foundations of Complex-System Theories in Economics, Evolutionary Biology, and Statistical Physics*, *British Journal for the Philosophy of Science* **51** (2000), pp. 187–190

Presentations

- 'Numbers as Surrogate Subject Matters', Analytic Philosophy Conference on Number, Inter-University Center, Dubrovnik, Croatia, June 2017
- 'Necessity, Atemporality, and Representational Dependence', Logic and Metaphysics Workshop, CUNY Graduate Center, October 2016
- 'Can Social Constructs be Atemporal and Amodal?', Logic Colloquium, University of Melbourne, March 2016
- 'Institutions and Abstract Objects', Buffalo Logic Colloquium, University at Buffalo, March 2016
- 'Can Social Constructs be Atemporal and Amodal?', Philosophy Department Colloquium, University of Miami, November 2015
- 'Can Social Constructs be Atemporal and Amodal?', Buffalo Logic Colloquium, University at Buffalo, November 2014
- 'Institutionalizing *Ante Rem* Structuralism', Philosophy Department Colloquium, University of Hong Kong, February 2014
- 'Institutionalizing *Ante Rem* Structuralism', Buffalo Logic Colloquium, University at Buffalo, November 2013
- 'Social Construction, Mathematics, and the Collective Imposition of Function onto Reality', Regional Meeting of the American Catholic Philosophical Association, Niagara University, April 2013
- 'Mathematics as the Collective Imposition of Function onto Reality', Buffalo Logic Colloquium, University at Buffalo, November 2012
- 'On the Temporal and Modal Profile of Institutional Ontology', SUNY Buffalo State, December 2011
- 'Social Constructivism Concerning Mathematics', Philosophy Department Colloquium on Truth, Objectivity, and (Social) Construction, Stanford University, December 2011
- 'Towards an Institutional Account of the Objectivity, Necessity, and Atemporality of Mathematics', Buffalo Logic Colloquium, October 2011
- 'Comments on Fabrizio Cariani's "Mathematical Induction and Explanatory Value in Mathematics"', Central Division Meeting of the American Philosophical Association, Minneapolis, MN, March 2011
- 'Power without Power Relations: Conceptual Space for the Social Construction of Mathematics,' *Conversations In and Out of the Disciplines Series*, SUNY Buffalo State, March 2011
- 'Social Institutional Reality,' SUNY Buffalo State, November 2010
- 'Mathematical Structuralism Today,' Buffalo Logic Colloquium, University at Buffalo, October 2009
- 'Mathematical Platonism,' Buffalo Logic Colloquium, University at Buffalo, August 2009

- ‘Untainted Dependency: An Answer to the Epistemological Challenges,’ SUNY Buffalo State, November 2008
- ‘Untainted Dependency: An Answer to the Epistemological Challenges,’ Macalester College, October 2008
- ‘Creativity, Freedom, and Authority: A New Perspective on the Metaphysics of Mathematics,’ Buffalo Logic Colloquium, University at Buffalo, September 2008
- ‘There’s More Outside Plato’s Cave than Alice’s Wonderland,’ SUNY Buffalo State, February 2008
- ‘Ontology, Freedom, and Authority: A New Perspective on the Metaphysics of Mathematics,’ Seventh Annual Midwest Philosophy of Mathematics Workshop, University of Notre Dame, November 2006
- ‘*Bleak House* Regentrified,’ Department of History and Philosophy Symposium, University of Texas – Pan American, October 2006
- ‘Mathematics: Its Metaphysics and Epistemology,’ University of Texas - Pan American, April 2006
- ‘Mathematics: Its Metaphysics and Epistemology,’ The Logic Seminar, University of Melbourne, May 2005
- ‘Mathematics: Its Metaphysics and Epistemology,’ University of Adelaide, May 2005
- ‘Linguistic Priority, Metaphysical Dependence, and Mathematics,’ Fink Award Presentation, The Ohio State University, June 2004
- Commentary on Christopher Pincock’s ‘Mathematics Makes a Difference,’ Central Division Meeting of the American Philosophical Association, Chicago, IL, April 2004
- ‘Using an Old Epistemological Argument to Motivate a New Metaphysical Position,’ Fourth Annual Midwest Philosophy of Mathematics Workshop, University of Notre Dame, November 2003
- ‘Using an Old Epistemological Argument to Motivate a New Metaphysical Position,’ Arché Graduate Conference, University of St. Andrews, September 2003
- ‘Relative Multifractal Analysis,’ EU Summer School on Fractal Geometry, University of Cambridge, January 1999
- ‘Relative Multifractal Analysis,’ Fractal Geometry & Stochastics II, Griefswald, Germany, September 1998
- ‘Introduction to Multifractals,’ ‘Graph Directed Multifractals I,’ and ‘Graph Directed Multifractals II,’ St. Andrews Analysis Seminar, University of St. Andrews, November 1997

Courses Taught

SUNY Buffalo State:

- PHI 101 Introduction to Philosophy
- PHI 103 Introduction to Logic
- PHI 107 Introduction to Mathematical Logic
- PHI 300 Ordinary Objects
- PHI 300 Social Institutional Reality
- PHI 300 Truth
- PHI 305 Philosophy of Language
- PHI 307 Symbolic Logic
- PHI 309 Knowledge and Justification

- PHI 312 Philosophy of Mind
- PHI 316 Freedom and the Self
- PHI 351 Ethics Bowl

University of Texas – Pan American:

- PHIL 1310 Introduction to Philosophy
- PHIL 1320 Introduction to Logic
- PHIL 3305 Philosophical Methods/Philosophy of Mathematics
- PHIL 3320 Symbolic Logic
- PHIL 4310 Contemporary Epistemology

The Ohio State University:

- PHIL 101 Introduction to Philosophy
- PHIL 130 Introduction to Ethics
- PHIL 150 Introduction to Logic and Critical Thinking
- PHIL 153 Statistical Reasoning in Science
- PHIL 250 Introduction to Symbolic Logic
- PHIL 650 Advanced Symbolic Logic (as TA)

University, Departmental, and Professional Service

- Editor, Philosophy of Mathematics, Internet Encyclopedia of Philosophy, 2017 – present
- Chair, Personnel Committee, Department of Philosophy, SUNY Buffalo State, 2017 – present
- School of Arts and Humanities' Curriculum Committee, SUNY Buffalo State, 2013 – present
- Chair, Curriculum Committee, Department of Philosophy, SUNY Buffalo State, 2013 – present
- By-Laws and Elections Committee, College Senate, SUNY Buffalo State, 2012 – present
- Intellectual Foundations Mathematics and Quantitative Reasoning Oversight and Assessment Committee, SUNY Buffalo State, 2010 – present
- Coordinator, Ethics Bowl Program, SUNY Buffalo State, 2009 – present
- Faculty Advisor on Graduate School in Philosophy, Department of Philosophy, SUNY Buffalo State, 2009 – present
- *Ad Hoc* Student Awards and Scholarship Committee, Department of Philosophy, SUNY Buffalo State, 2008 – present
- Teaching, Learning, and Technology Roundtable, School of Arts and Humanities, SUNY Buffalo State, 2009 – 2014
- Webmaster, Department of Philosophy, SUNY Buffalo State, 2008 – 2014 and 2016 – present
- Student Enrichment and Retention Committee, School of Arts and Humanities, SUNY Buffalo State, 2009 – 2010
- Curriculum Committee, Department of Philosophy and Humanities, SUNY Buffalo State, 2008 – 2009
- Webmaster, Philosophy Program, University of Texas - Pan American, 2007 – 2008
- Philosophy Search Committee, University of Texas - Pan American, 2007 – 2008
- Faculty Research Council, University of Texas - Pan American, 2006 – 2008
- Policy and Procedures Committee, Department of History and Philosophy, University of Texas - Pan American, Spring 2008

- Interim Assistant Chair, Department of History and Philosophy, University of Texas - Pan American, Fall 2007
- Library Committee, Department of History and Philosophy, University of Texas - Pan American, 2006 – 2007
- Graduate Student Ombudsman, Department of Philosophy, The Ohio State University, 2004 – 2005
- Curriculum Committee, Department of Philosophy, The Ohio State University, 2001 – 2002
- Graduate Student Representative, Department of Philosophy, The Ohio State University, 2000 – 2001
- Colloquia Committee, Department of Philosophy, The Ohio State University, 1999 – 2000

Professional Affiliations

- American Philosophical Association
- Association for Symbolic Logic
- Canadian Society for the History and Philosophy of Mathematics
- British Logic Colloquium
- Association for Practical and Professional Ethics

Other Professional Activities

- Served as anonymous referee for the following journals:
 - *Australasian Journal of Philosophy*,
 - *Erkenntnis*,
 - *Philosophia Mathematica*,
 - *Philosophical Quarterly*,
 - *Philosophy of Science*,
 - *Philosophy of the Social Sciences*,
 - *Synthese*,
 - *Theoria*, and
 - *Theory and Practice of Legislation*

References

Available upon Request