

CONTACT INFORMATION	Department of Philosophy MC 0119 University of California, San Diego 9500 Gilman Drive, La Jolla, CA 92093-0119	+1 (858) 534 9281 eddykemingchen@ucsd.edu
WEBSITE	www.eddykemingchen.net	
SPECIALIZATION (AOS)	Philosophy of Physics; Philosophy of Science; Metaphysics.	
COMPETENCE (AOC)	Chinese Philosophy; Decision Theory; Formal Epistemology; Philosophy of Mathematics; Philosophy of Religion.	
EMPLOYMENT	Associate Professor (with tenure), Department of Philosophy, University of California, San Diego Assistant Professor, Department of Philosophy, University of California, San Diego	Jul 2023- Jul 2019-Jun 2023
OTHER AFFILIATIONS	Associate Editor, <i>Foundations of Physics</i> Fellow, John Bell Institute for the Foundations of Physics Affiliated Faculty, Chinese Studies Program, UC San Diego	Jul 2020-present Aug 2018-present Jan 2020-present
EDUCATION	<p>Rutgers University, New Brunswick</p> <p>Ph.D., Philosophy, May 2019</p> <ul style="list-style-type: none"> • Thesis: <i>Essays on the Metaphysics of Quantum Mechanics</i> • Committee: Barry Loewer (co-chair), David Albert (co-chair), Sheldon Goldstein (mathematics), Tim Maudlin (external), Jill North, Jonathan Schaffer, Ted Sider <p>M.Sc., Mathematics (Mathematical Physics), May 2019</p> <ul style="list-style-type: none"> • Thesis: <i>Quantum States in a Time-Asymmetric Universe</i> • Committee: Sheldon Goldstein (chair), Michael Kiessling, Joel Lebowitz, Roderich Tumulka <p>Graduate Certificate in Cognitive Science, Dec 2018</p> <ul style="list-style-type: none"> • Thesis: <i>Comparativism about Mental Qualities</i> • Advisor: Matthew Stone <p>Calvin College</p> <p>B.S., Mathematics (Major), Physics (Minor), May 2013</p> <p>B.A., Philosophy (Highest Honors), May 2013</p> <ul style="list-style-type: none"> • Thesis: <i>Singular Propositions, Truth-In/At, and Modality De Re/De Dicto</i> • Supervisors: Alvin Plantinga and Stephen Wykstra <p>National University of Singapore</p> <p>Enrolled in Mathematics and Physics Undergraduate Modules, 2009-2010</p>	
BOOK UNDER CONTRACT	1. <i>Laws of Physics</i> Cambridge University Press, under review	

ARTICLES

1. “The Preordained Quantum Universe”
Nature, 2023
2. “Strong Determinism”
Philosophers’ Imprint, forthcoming
3. “Fundamental Nomic Vagueness”
The Philosophical Review, 2022.
Selected by *The Philosopher’s Annual* as “one of the ten best articles in philosophy from 2022”
4. “From Time Asymmetry to Quantum Entanglement: The Humean Unification”
Noûs, 2020 [2022].
5. “Time’s Arrow and Self-Locating Probability”
Philosophy and Phenomenological Research, 2021 [2022]
6. “Uniform Probability Distribution over All Density Matrices” (with Roderich Tumulka)
Quantum Studies: Mathematics and Foundations, 2022
7. “Quantum Mechanics in a Time-Asymmetric Universe: On the Nature of the Initial Quantum State”
The British Journal for the Philosophy of Science, 2018 [2021]
Awarded the 2021 BJPS Popper Prize, as “the article judged to be the best published in that year’s volume of the Journal, as determined by the Editors-in-Chief and the BSPS Committee”
8. “Surreal Decisions” (with Daniel Rubio)
Philosophy and Phenomenological Research, 2018 [2020]
9. “Realism about the Wave Function”
Philosophy Compass, 2019
10. “Our Fundamental Physical Space: An Essay on the Metaphysics of the Wave Function”
The Journal of Philosophy, 2017
11. “Great Expectations: Introducing Surreal Decision Theory” (with Daniel Rubio) Wiebe van der Hoek, Wesley H. Holliday, Wen-fang Wang (eds.), *Proceedings of the 5th International Workshop on Logic, Rationality, and Interaction (LORI-V)*, Volume LNCS 9394, pp. 53–63. Springer-Verlag Berlin Heidelberg, 2015.

CHAPTERS IN
EDITED VOLUMES

1. “Governing without a Fundamental Direction of Time: Minimal Primitivism about Laws of Nature” (with Sheldon Goldstein)
Yemima Ben-Menahem (ed.), *Rethinking the Concept of Law of Nature*, Springer, 2022
2. “The Past Hypothesis and the Nature of Physical Laws”
Barry Loewer, Eric Winsberg, and Brad Weslake (eds.), *Time’s Arrows and the Probability Structure of the World*, Harvard University Press, forthcoming
3. “The Wentaculus: Density Matrix Realism Meets the Arrow of Time”
Angelo Bassi, Sheldon Goldstein, Roderich Tumulka, and Nino Zanghì (eds.), *Physics and the Nature of Reality: Essays in Memory of Detlef Dürr*, Springer, forthcoming

4. “Bell’s Theorem, Quantum Probabilities, and Superdeterminism”
Eleanor Knox and Alastair Wilson (eds.) *The Routledge Companion to the Philosophy of Physics*, 2021
5. “The Cosmic Void”
Sara Bernstein and Tyron Goldschmidt (eds.), *Non-Being: New Essays on the Metaphysics of Non-Existence*, Oxford University Press, 2021.
6. “Time’s Arrow in a Quantum Universe: On the Status of Statistical Mechanical Probabilities”
Valia Allori (ed.), *Statistical Mechanics and Scientific Explanation: Determinism, Indeterminism and Laws of Nature*, World Scientific, 2020

BOOK REVIEW

1. Richard Healey, *The Quantum Revolution in Philosophy*
The Philosophical Review, 129 (2): 302-308, 2020.

UNDER REVIEW

1. “The Intrinsic Structure of Quantum Mechanics” [[arXiv:1810.06551](https://arxiv.org/abs/1810.06551)]
2. “Evil and the Quantum Multiverse” (with Daniel Rubio, R&R at *The Australasian Journal of Philosophy*)
3. “Algorithmic Randomness and Probabilistic Laws” [[arXiv:2303.01411](https://arxiv.org/abs/2303.01411)] (with Jeffrey A. Barrett)

PAPERS IN PREPARATION

1. “The Simplicity of Physical Laws”
2. “Density Matrix Realism”
3. “Decoherence, Branching, and the Born Rule in a Mixed-State Everettian Multiverse” (with Eugene Chua)
4. “Humean Typicality” (with Sheldon Goldstein, Dustin Lazarovici, and Isaac Wilhelm)
5. “Non-Humean Typicality” (with Isaac Wilhelm)
6. “Comparativism about Mental Qualities”
7. “Surreal Decision Theory for Infinite State Spaces” (with Daniel Rubio)
8. “A Hybrid Voluntarist Interpretation of Xunzi”

POPULAR WRITINGS

1. “The Wentaculus, Time’s Arrow, Laws and Vagueness”
Interview with Richard Marshall in the End Times Series at *3:16AM*
2. “The Quantum Wave Function Isn’t Real” (based on “Quantum Mechanics in a Time-Asymmetric Universe: On the Nature of the Initial Quantum State”)
The Institute of Art and Ideas (IAITV), April 29, 2022
3. “Welcome to the Fuzzy-Verse” (based on “Nomic Vagueness”)
Featured on the cover as “The Flaw at the Heart of Reality: Why precise mathematical laws can never fully explain the universe”
New Scientist, Issue 3298, Sep 5, 2020 [Penultimate] [Magazine]
4. (With Isaac Wilhelm) “From Ants to Quantum Non-Locality”
The Daily Ant, July 2017 [[Link](#)]

GRANTS	1. Member of the “Life on the Edge” project, funded by a \$3 million grant from the John Templeton Foundation, Dec 2021-Jun 2024	
SELECTED HONORS AND AWARDS	<i>The Philosopher’s Annual</i> of 2022	2023
	The 2021 <i>BJPS</i> Popper Prize	2022
	University of California, San Diego	
	• Academic Senate Award for Summer Research	2021, 22, 23
	Rutgers University	
	• Harvey Waterman Medal of Excellence	2019
	• Presidential Fellowship for Doctoral Studies	2013, 14, 17
	• Mellon Fellowship for Summer Research	2017
	• SCP-Templeton Graduate Fellowship for Cross Training in Physics	2017-18
	• Book prize for the best presentation at the Sydney University Winter School on Physics and Philosophy of Time	2017
	• APA Graduate Student Travel Stipend	2016
	• Rutgers Graduate School Travel Stipend	2014, 15, 16
	• Summer Special Study Fellowship	2015, 16
	Calvin College	
	• Presidential Scholarship	2010-13
	• William Rinck Memorial Prize for Best Graduating Senior in Mathematics	2013
	• Van Der Woude Award in Science Division	2011, 12
	• Bouwsma Prize for Best Paper in Philosophy	2013
	• Bouwsma Award for Excellence in Philosophy	2011
	• Konyndyk Scholarship for Excellence in Philosophy	2011
	National University of Singapore	
	• SM2-GLC Undergraduate Full Scholarship, Ministry of Education, Singapore	2007-10
	• The University Scholars Program	2009-10
	• Valedictorian for SM2-GLC Scholarship Recipients	2009
VISITING FELLOWSHIPS	Australian National University	Jun-Jul 2017
	Research School of Social Sciences, Faculty Sponsor: Alan Hájek	
	University of Southern California	Mar-Apr 2017
	Department of Philosophy, Supervisor: David Wallace	
	University of Bristol	Sep 2016
	Department of Philosophy, Faculty Sponsor: Richard Pettigrew	
	University of Oxford	Jan-Apr 2012
	Undergraduate Visiting Student	
SELECTED PRESENTATIONS	Lecture Series on Laws of Nature	
	• Wuhan University (five lectures)	Sep 2023
	Algorithmic Randomness and Probabilistic Laws	
	• Lingnan University	Sep 2023
	• Peking University	Aug 2023
	• Foundations of Probability Seminar, NYC	Apr 2023

The Simplicity of Physical Laws

- Workshop on Laws of Nature, Syracuse University Jun 2023
- Pacific APA symposium presentation Apr 2023
- Colloquium, Simon Fraser University Mar 2023
- Harvard Foundations of Physics Seminar Dec 2022
- CalTech Philosophy of Physics Group Oct 2022
- University of Western Ontario Philosophy of Physics Group Oct 2022

Strong Determinism

- Colloquium, Chinese University of Hong Kong Sep 2023
- Humeanism Workshop, Johns Hopkins University Apr 2023
- Colloquium, University of British Columbia Mar 2023
- Colloquium, UCLA Mar 2023
- Tel Aviv Conference on the Many-Worlds Interpretation Oct 2022
- Colloquium, UC Riverside May 2022
- Colloquium, Logic and Philosophy of Science, UC Irvine May 2022
- CalTech Philosophy of Physics Group Apr 2022
- CLE Permanent Seminar in Metaphysics, University of Campinas Apr 2022
- UCSD Metaphysics Reading Group Apr 2022
- Quantum Foundations Seminar, Surrey University Oct 2021
- California Quantum Information Network Sep 2021

Governing without a Fundamental Direction of Time: Minimal Primitivism about Laws of Nature

- CLE Permanent Seminar in Metaphysics, University of Campinas Jul 2022
- Warsaw Spacetime Colloquium Jun 2022
- Philosophy of Time Association, Pacific APA (cancelled) Apr 2022
- Graduate Seminar in Philosophy of Science, UIUC Oct 2021
- Research Group in Metaphysics (*eidōs*) and the Geneva Symmetry Group Oct 2021
- Metro Area Philosophy of Science Group (MAPS) Oct 2021
- CalTech Philosophy of Physics Group Oct 2021
- Metaphysics Reading Group, Rutgers University Oct 2021

Nomic Vagueness

- Colloquium, The University of Hong Kong Sep 2023
- 27th Biennial Meeting of the Philosophy of Science Association Nov 2021
- Pontifical University of St. Thomas Aquinas, Italy Jan 2021
- Harvard Foundations of Physics Mini-Workshop July 2020
- CalTech philosophy of physics reading group May 2020
- Delta 13 Workshop on Logic May 2020
- University of Illinois, Chicago Feb 2020
- Foundations of Physics Conference, Columbia University Nov 2019
- Early Career Philosophy of Physics Workshop, CCNY May 2019

The Wentaculus: Density Matrix Realism Meets the Arrow of Time

- Lisbon-Warsaw Reading Group in the Philosophy of Physics Nov 2023
- Metro Area Philosophy of Science Group Apr 2023
- Graduate Seminar in Philosophy of Physics, Rutgers University Apr 2022
- Philosophy of Physics Research Seminars, University of Oxford Jan 2021
- Density Matrix Realism Workshop, University of Birmingham Nov 2020

Boltzmannian Quantum Statistical Mechanics

- Black Forest Summer Conference on Foundations of Physics (Cancelled) Jul 2020

Varieties of Intrinsicity and the Hardest Road to Nominalism

- *Science Without Numbers*: 40 years later Nov 2020

- The Cosmic Void and Non-Fundamental Facts**
- “Defining Nothingness” Conference, HSE University Moscow Jan 2022
 - APA Symposium “Metaphysics Without Ontology” Feb 2020
- From Time Asymmetry to Quantum Entanglement: The Humean Unification**
- Humean Laws Workshop June 2020
- Time’s Arrow in a Quantum Universe**
- Mathematical Physics Seminar, University of Tübingen Mar 2019
 - University of California, San Diego Feb 2019
 - University of Wisconsin, Madison Jan 2019
 - Tsinghua University (commented by Shan Gao) Jan 2019
 - Wuhan University Jan 2019
 - HUST (commented by Wan Xiaolong) Jan 2019
 - Cornell University Feb 2018
 - University of Wisconsin, Milwaukee Feb 2018
 - Philosophy of Cosmology Session, German Physical Society, Munich Mar 2019
 - Philosophy of Science Association, Seattle Oct 2018
 - Summer School on Entropy, Split Jul 2018
 - Western Ontario Philosophy of Logic, Mathematics, and Physics Graduate Student Conference Jun 2018
 - Rotman Summer Institute in Philosophy of Cosmology Jun 2018
- Time’s Arrow Without Statistical Mechanical Probabilities**
- Philosophy of Time Association, Central APA, Denver Feb 2019
 - Rutgers Seminar on the Foundations of Probability Nov 2018
- Comparativism about the Mind: From Metaphysics of Quantities to the Nature of Mentality**
- Rutgers-Bochum Workshop in Philosophy & Cognitive Science Mar 2019
 - 24th World Congress of Philosophy, Beijing Aug 2018
- An Intrinsic Theory of Quantum Mechanics: Progress in Field’s Nominalistic Program**
- UC Irvine, Logic and Philosophy of Science (LPS) Apr 2017
 - Bristol Center for Science and Philosophy Sep 2016
 - Pacific APA symposium presentation Mar 2018
(commented by Thomas Barrett and Rhys Borchert)
 - 3rd Annual Meeting of the Society for the Metaphysics of Science (SMS), Oct 2017
(commented by David Glick)
 - 18th UK and European Conference on Foundations of Physics, London Jul 2016
 - 4th Black Forest Philosophy of Physics Summer School, Saig Jul 2016
- Our Fundamental Physical Space: An Essay on the Metaphysics of the Wavefunction**
- University of Illinois, Chicago Mar 2016
 - Central APA symposium presentation (commented by Nick Huggett) Mar 2016
 - 1st Annual Meeting of the Society for the Metaphysics of Science (SMS), Oct 2015
(commented by Vishnya Maudlin)
 - 3rd Black Forest Philosophy of Physics Summer School, Saig Jul 2015
- The Best Summary of the Quantum World: The Universal Wavefunction as a Humean Law**
- Tsinghua University Philosophy of Science Colloquium Dec 2015
 - 15th Congress of Logic, Methodology, and Philosophy of Science, Aug 2015
 - 2nd Black Forest Philosophy of Physics Summer School, Saig Jul 2014
 - Princeton Workshop on Technical Philosophy of Physics Mar 2014

Our Knowledge of the Past: Some Puzzles about Time’s Arrow and Self-Locating Probabilities

- 3rd Boulder Workshop in Formal Value Theory Mar 2018
 - The College of William and Mary Jan 2018
 - Wuhan University Dec 2017
 - CalTech, History and Philosophy of Science Series Apr 2017
 - University of Bristol Sep 2016
 - Sydney University Winter School on Physics and Philosophy of Time Jul 2017
- Winner of the book prize for the best presentation**
- Australasian Association of Philosophy (AAP) Annual Meeting, Jul 2017
 - Time and Causality in the Sciences Conference (TaCitS), Jun 2017
 - UC San Diego, Philosophy Apr 2017
 - UC Riverside Workshop on Epistemology and Philosophy of Mind Mar 2017

Space-Time Emergence: A Representational Theory

- Philosophy of Cosmology Workshop, CUNY Graduate Center May 2017

Great Expectations: Introducing Surreal Decision Theory (co-authored with Daniel Rubio)

- Peking University Dec 2015
- Princeton Workshop on Intrinsic Values Nov 2015
([Sanders Foundation Website Video Link](#))
- 5th International Congress on Logic, Rationality, and Interaction Oct 2015
- 15th Congress of Logic, Methodology, and Philosophy of Science Aug 2015
- Pittsburgh-CMU Graduate Conference in Philosophy Mar 2015

Pascal’s Wager Meets Surreal Numbers (co-authored with Daniel Rubio)

- Work-in-Progress reading group, Bristol University Sep 2016
- Xiamen University Philosophy Department May 2016

A Xunzian Puzzle about Meta-Ethics

- Skype lecture in Jing Hu’s seminar on Chinese Philosophy at Washington and Lee University Mar 2016

What is Analytic Philosophy?

- Department of Electrical Engineering, Wuhan University Jan 2016

Singular Propositions, Ontological Dependence, and the ‘Truth-in/-at’ Distinction

- Calvin College Philosophy Symposium Nov 2012

Quantum Modeling of Recollision Excitation and Non-Sequential Double Ionization of Helium

- Western Michigan Regional Undergraduate Science Research Conference Oct 2012
Van Andel Institute, Grand Rapids, Michigan
- Calvin College Physics Departmental Seminar Sep 2012

COMMENTS

Alan Hájek’s “The Revenge of Pascal, Petersburg, Pasadena, and Paul”

- Workshop on Cognitive Values, CU Boulder Mar 2017

Ned Hall’s “Causation and the Aim of Inquiry”

- Rutgers Philosophy Department Colloquium Feb 2016

Niels Martens’s “Comparativism about Mass and the Initial Variable Problem”

- Metaphysics of Quantities Conference, NYU May 2015

Thomas Senor's "Disagreement, Evidence, and Perception"

- Meiguo Metaphysics Mayhem, Peking University Jun 2012

TEACHING

Undergraduate Courses at University of California, San Diego

- PHIL 158 - Topics in Chinese Philosophy Fall 2020,21
- PHIL 120 - Symbolic Logic Fall 2020
- PHIL 130 - Metaphysics Spring 2020,21; Winter 2023
- PHIL 146 - Philosophy of Physics Fall 2019,21,23

Graduate Courses at University of California, San Diego

- PHIL 285 - Core Seminar in Philosophy of Science: Arrows of Time Spring 2020
- PHIL 245 - Core Seminar in Philosophy of Science: Laws of Nature Spring 2021
- PHIL 245 - Seminar in Philosophy of Science: Laws and Randomness Fall 2023

At Rutgers University, New Brunswick

- PHIL 319 - Philosophy of Mathematics Fall 2016
- PHIL 475 - Chinese Philosophy Spring 2016

Co-Chair (with Harry Crane and Dimitris Tsementzis) Fall 2016 - Spring 2018

- PHIL 603 - Graduate Seminar on the Foundations of Probability
- Joint Seminar of Philosophy and Statistics Depts., Rutgers University

Graduate Supervision:

- JiMin Kwon (UCSD), dissertation committee
- Joseph Martinez (UCSD), dissertation committee
- Eugene Chua (UCSD), third-year paper committee and dissertation committee
- Shelly Yiran Shi (UCSD), third-year paper committee
- Weixin Cai (UCSD), first-year advisor
- Weixin Cai (UCSD), 'Simplicity,' independent study, summer 2022
- Andy Sin (UCSD), 'Quantum Humeanism,' independent study, fall 2022
- Bosco Garcia (UCSD), first-year advisor

Undergraduate supervision:

- Cheng Chang (UCSD): Determinism, Triton Research and Experiential Learning Scholars (TRELS), fall 2021
- Greyson Sims (UCSD): Philosophy of Quantum Mechanics, independent study, fall 2020

SERVICE

Contributions to Academic Community

- Associate editor, *Foundations of Physics* Jul 2020-present
- Program committee, Philosophy of Science Association biennial meeting 2024
- Program committee, 21st European Conference on Foundations of Physics 2023
- Chair of the program committee, Society for the Metaphysics of Science 2022
- Program committee, Society for the Metaphysics of Science 2021
- Co-Organizer, conference "*Science Without Numbers, 40 Years Later*" Nov 2020
- Co-Organizer, UCSD Philosophy of Physics Reading Group 2020-present
- Co-Organizer, Rutgers-Columbia Workshop on Quantum Field Theories May 2018
- Organizer, Rutgers Workshop on Structural Realism May 2017
- Co-Organizer, Rutgers Workshop on Multiverse, Theodicy, and Fine-Tuning Jun 2016
- Organizer, Metro Area Philosophy of Science Lecture Series (MAPS) 2015-17
- Organizer, Rutgers Philosophy of Science Reading Group 2014-16
- Co-organizer, Rutgers Metaphysics Reading Group 2015-16
- Rutgers Philosophy Department Colloquium Committee 2014-16

- Contributions to Diversity and University Service
- Organizer of the UCSD philosophy department colloquium series 2022-23
 - Reviewer for Summer COSMOS high school science program at UCSD Aug 2023
 - Guest lecture on Confucianism at Grossmont College Nov 2022
 - Instructor for the Graduate School Application Workshop, UCSD Summer Program for the Advancement of Women in Philosophy (SPAWP) Jul 2022
 - Advisory board, UCSD Summer Program for the Advancement of Women in Philosophy (SPAWP) 2021-22
 - Graduate admissions subcommittee in logic and philosophy of science 2020-22
 - Designer of a DEI version of a class on Chinese Philosophy Apr 2021
 - Designer and grader of graduate student logic exemption test Sep 2020
 - Reviewer, undergraduate honors thesis in philosophy of physics Apr 2020
 - Mock interviewer for job-market candidates 2020, 2021, 2022
 - Participation in the design and proposal of the Chinese philosophy class Nov 2019
 - Panelist, admissions committee, and advisory board, Summer Program for Women in Philosophy, UCSD 2019-21
 - Faculty speaker, Preparing Accomplished Transfers to the Humanities (PATH) Program, San Diego Community College District Dec 2019
 - Commentator-at-large, New York-China Epistemology Conference Oct 2018
 - Rutgers Philosophy Department Climate Committee 2016-17
 - Graduate Panelist, Rutgers Summer Institute for Diversity in Philosophy Jul 2017
 - Rapporteur, 3rd and 4th Rutgers Workshops on Chinese Philosophy 2016, 2017
 - Participant, Muslim-Jewish-Christian Interfaith Dialogue on Providence and Randomness May 2016
 - Discussion Leader, Rutgers University International TA Orientation Aug 2016

REFEREE

- *Australasian Journal of Philosophy* (×5)
- *British Journal for the Philosophy of Science* (×12)
- *Erkenntnis* (×6)
- *Ergo* (×3)
- *European Journal for Philosophy of Science* (×4)
- *Foundations of Physics*
- *Internet Encyclopedia of Philosophy*
- *Journal of the American Philosophical Association*
- *Journal for General Philosophy of Science* (×4)
- *Mind* (×3)
- *Noûs* (×2)
- *Pacific Philosophical Quarterly*
- *Philosophy and Phenomenological Research*
- *Philosophers' Imprint*
- *Philosophia Mathematica*
- *Philosophical Studies* (×5)
- *Philosophy of Science* (×7)
- *Philosophy of Physics*
- *Proceedings of the Italian Society for Logic and Philosophy of Science*
- *Scientific Reports*
- *Statistical Science*
- *Studies in History and Philosophy of Science Part A* (×2)
- *Studies in History and Philosophy of Science Part B: Studies in History and Philosophy of Modern Physics* (×5)
- *Synthese* (×12)
- *Theoria*
- *Theory of Science*

- *The Atlantic*
- Cambridge University Press
- Oxford University Press
- Springer
- Routledge
- Bloomsbury Academic
- National Science Foundation
- European Research Council

OTHER WORK
AND RESEARCH

- Editorial Assistant** Spring 2017
 For Ernest Sosa and Georgi Gardiner
Nôus, PPR, Philosophical Issues
- National Science Foundation (NSF) Research Fellowship** Summer 2012
 Topic: Theoretical Physics and Computer Modeling:
 Recollision Excitation and Non-Sequential Double Ionization of Helium
 Supervisor: Stan L. Haan
 Department of Physics,
 Calvin College
- Summer Research Fellowship** Summer 2011
 Topic: Mencius (Mengzi) and the Concept of Tian
 Supervisor: Kelly James Clark
 Department of Philosophy,
 Calvin College
- Undergraduate Research Assistant** 2008-2010
 Topic: Membrane Distillation for Water Purification with Reverse Osmosis
 Supervisor: Tai-Sheng Chung
 Chemical and Biomolecular Engineering,
 National University of Singapore
- Intern at *The New York Times*** Summer 2010
 Interviews, data analysis, and research on business, economics, culture,
 and the arts in China
 Supervisor: **David Barboza** (2013 Pulitzer Prize Winner)
The New York Times, Shanghai Bureau