

Nicholas Werle

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Education

Brown University

2010, Providence, RI

A.B., *magna cum laude* with honors in Modern Critical Philosophy and Physics

GPA: 3.94

Honors thesis: “Einstein’s Big Break: The Archaeology of a Scientific Revolution”

Nominated to Sigma Xi scientific research society

Significant scientific coursework: General Relativity, Cosmology, Thermodynamics and Statistical Mechanics, Quantum Mechanics, Mathematical Methods for Physics, Honors Multivariable Calculus, Organic Chemistry, Neural Systems,

Significant humanities and social science coursework: Foundations of Political Economy, Money and Power in the International Political Economy, The History of Theory: The Case of Roland Barthes (graduate seminar), Althusser (graduate seminar), Foucault and his Interlocutors, Epistemology, Kant’s *Critique of Pure Reason*

Paul D. Schreiber High School

2006, Port Washington, NY

Academic Research Experience

The Journal of Philosophical Economics: Peer-reviewed economics article

In press, Spring 2011

“More Than the Sum of its Parts: A Keynesian Epistemology of Statistics” traces the origins of Keynes’ statistical methods to 19th-century statistical mechanics and thermodynamics to study the theoretical relationship between individual behavior and the performance of macroeconomic aggregates.

The Pembroke Center Research Seminar, Brown University: *Affiliated scholar*

2010 – 2011, Providence, RI

Participating in a faculty research seminar, “The Power and Mystery of Expertise.” Researching political economy with a focus on credit rating agencies and quantitative finance.

Critical Theory Project: *Founder*

2007 – 2010, Providence, RI

Organized a student group around a shared interest in 20th-century Continental philosophy. Secured institutional support for reading groups, political discussion forums, and a website.

Larsen Lab, University of Iowa Chemistry Department: *Summer researcher*

Summer 2005, Iowa City, IA

Designed and executed an independent research project in a university chemistry laboratory. Invented a novel template-free method of synthesizing nanocrystalline zeolites.

Research Awards: National Semifinalist, 2006 Intel Science Talent Search; National Semifinalist, 2005-2006 Siemens Westinghouse Science Competition; Entrant, 2006 Intel International Science and Engineering Fair.

Lincoln-Douglas Debate: *Nationally ranked competitor*

2003-2006, Port Washington, NY

Competed on the national high school debate circuit. Ranked in the top 50 high school students nationally.

Published Writing

3 Quarks Daily: *Monday Musings columnist*

2010 – present, www.3quarksdaily.com

Write a monthly column on economics, finance, and philosophy for a well-known online magazine.

College Hill Independent: *Science editor, food editor*

2009 – 2010, Providence, RI

Edited and wrote for a Brown/RISD weekly newspaper. Wrote about high-energy physics and the space program, and food.

The Catalyst: *Student-published journal article*

2009, Providence, RI

Published an article on Darwin, Heidegger, and natural history.

Brown Daily Herald: *Senior staff writer, op-ed columnist*

2007 – 2010, Providence, RI

Covered Brown University’s internationalization initiative in addition to reporting on campus, local, and metro stories. Assisted with production of the newspaper and its website. Wrote weekly opinion columns on intra-university politics.

Service

Special Victims Bureau, DNA Prosecutions Unit, Queens District Attorney: *Intern* Summer 2009, New York
Prepared sex crime and child abuse cases for trial, drafted legal memos for use in court, organized and vetted database of crime scene DNA evidence, worked with sex crime victims, and researched the impact of forensic television shows on juries' verdicts.

Brown University Independent Concentration Committee: *Student representative* 2009 – 2010, Providence, RI
Served as a student representative in the Dean of the College's Office to the curriculum committee overseeing Brown's signature independent concentration program.

Brown University Science Resource Center Design Focus Group: *Student representative* 2009, Providence, RI
Consulted with Dean of the College's office on how the design of a new science resource center might best serve student needs.

Meiklejohn Peer Advising Program: *Peer advisor* 2007 – 2010, Providence, RI
Advised groups of Brown University freshmen in collaboration with a faculty partner.

New York-Presbyterian Hospital Emergency Department: *Volunteer* Summer 2008, New York
Volunteered in a busy, urban trauma center. Functioned as an intermediary between medical team and patients and families. Served meals, transported patients, assisted nurses, visited patients, and worked with patients' advocates.

Employment

The Wheeler School, Aerie Program: *AP economics teacher* 2010 – 2011, Providence, RI
Taught introduction to economics, AP macroeconomics, and AP microeconomics courses, as well as physics courses for advanced students. Directed several science and engineering extracurricular programs for middle and high school students.

Brown University Writing Center: *Writing center associate* 2010 – 2011, Providence, RI
Edit undergraduate and graduate essays while tutoring students to improve their writing and research skills.

Brown University Curricular Resource Center: *Science tutor* 2008 – 2009, Providence, RI
Tutored undergraduate students in physics and organic chemistry.

Brewer Capri Marina: *Assistant dockmaster* Summers, 2004 – 2008, Port Washington, NY
Managed the dock staff of two high-end marinas with more than 300 boats up to 200 feet long. Responsible for docking luxury yachts, maintaining the marina, and assisting boat owners with nautical and personal needs.

Other Skills and Experiences

Computer Skills:

MATLAB, HTML, Adobe Creative Suite, Microsoft Office suite, Kaleidagraph

Athletics:

Hiking 240 miles from Yosemite Valley to Mount Whitney on the John Muir Trail Summer 2011
Hiked 750 miles from Pawling, New York to Mt. Katahdin, Maine on the Appalachian Trail Summer 2010
Competed in the Oyster Bay Triathlon August 2009
Certified SCUBA diver June 2006
Avid recreational runner and weight lifter
Intermediate yoga practitioner