

Andrew Eric Blechman

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Education:

Ph. D., Physics, The Johns Hopkins University (Expected 2006).
MA, Physics, The Johns Hopkins University (December, 2003).
BS, Physics, Magna Cum Laude, Highest Distinction, University of Rochester (May, 2001).
BA, Mathematics, Magna Cum Laude, High Distinction, University of Rochester (May, 2001).
NYS High School Regents Diploma, Ossining High School (June, 1997).

Employment:

Johns Hopkins University Department of Physics and Astronomy, High Energy Theory Group,
July, 2001-present.
University of Rochester High Energy Physics Group, November, 1998-May, 2001.
REU at University of Rochester (High-Energy Theory), Summer, 2000.
REU at Fermi National Accelerator Laboratory (High-Energy Experiment), Summer, 1999.
Teaching Assistant, Fall, 1998-present; see Teaching Experience.

Published Papers:

1. "Threshold Effects in Excited Charmed Baryon Decays" (with A. F. Falk, D. Pirjol and J. M. Yelton), *Phys. Rev.* **D67**, 074033 (2003) [arXiv:hep-ph/0302040].
2. "Heavy Quark Symmetry in Isosinglet Nonleptonic B Decays" (with S. Mantry and I. W. Stewart), *Phys. Lett.* **B608**, 77 (2005) [arXiv:hep-ph/0410312].
3. "Shining on an Orbifold", *Phys. Rev.* **D71**, 074033 (2005) [arXiv:hep-ph/0412017].

Conference Proceedings:

1. "Direct Measurement of Branching Ratio of $t \rightarrow Wb$ at the D0 Detector at Fermilab", *NCUR 2000 Proceedings* (2000).

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Honors:

2001-2002 Donald Kerr Sr. and Barbara Kerr Stanley Fellowship in Physics and Astronomy.
ΦBK (Phi Beta Kappa) National Honor Society.
Golden Key National Honor Society.
ΣΠΣ (Sigma Pi Sigma) National Physics Honor Society.
Dean's List, University of Rochester, 8/8 semesters.

Activities and Offices Held:

Graduate Curriculum Committee, The Johns Hopkins U. Physics Dept (2002-present).
Society of Physics Students, U. of Rochester, Treasurer (1999-2000), President (2000-01).
Undergraduate Curriculum Committee, U. of Rochester Physics Department (1999-2001).
Society of Undergraduate Mathematics Students, U. of Rochester, Webmaster (1998-99), Secretary (1999-2000), President (2000-01).
Member: American Physical Society, Division of Particles and Fields, Forum on Graduate Affairs.
Former Member: Mathematical Association of America and the Society of Physics Students.

Teaching Experience:

Teaching Assistant/Grader, Mathematics Department, University of Rochester:
Fall, 1998: Calculus II (MTH 142).
Spring, 1999: Multivariable Calculus (MTH 164).
Spring, 2000: History of Mathematics (MTH 300).
Spring, 2001: History of Mathematics II (MTH 302).
Teaching Assistant/Grader, Physics and Astronomy Department, University of Rochester:
Fall, 1999: Introduction to Electricity and Magnetism (PHY 122).
Spring, 2000: Modern Physics (PHY 123).
Fall, 2000: Honors Mechanics (PHY 141).
Spring, 2001: Electricity and Magnetism II (PHY 218).
Teaching Assistant/Grader, Physics and Astronomy Department, The Johns Hopkins University:
Fall, 2001-Spring, 2002: Physics for Biological Science Majors I/II (171.103/4).
Fall, 2002-Spring, 2003: Graduate Electromagnetic Theory I/II (171.603/4).
Fall, 2003-present: Introduction to Quantum Mechanics I/II (171.303/4).

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References:

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