

Curriculum Vitae

Name: C. Marc Bastuscheck

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EDUCATION:

5/80 PhD in Experimental Physics from Cornell University
9/70 MS in Physics from The Pennsylvania State University
6/69 BS in Physics from The Pennsylvania State University
68-69 Year of study abroad at the University of Leiden (Netherlands)

CAREER OVERVIEW:

After my PhD at Cornell University I took a postdoc position at New York University's Neuromagnetism Laboratory, then joined NYU's Robotics Lab as a Research Scientist. I later joined Arthur D. Little, a premier technology consulting firm (see "Additional Professional Experience" below). Since 2003 I have enjoyed teaching physics at Yeshiva University.

TEACHING EXPERIENCE:

2003 - present Yeshiva College, Yeshiva University
Teach Intermediate Mechanics, Environmental Physics (Lecture and Lab), Introductory and General Physics (labs, lectures and recitation), and Electronics. I oversee Physics labs: select adjunct faculty, schedule labs, update experiments, and maintain lab manuals for Environmental Physics, Physical Universe, Introduction to Physics I and II, and General Physics I and II (including Honors Lab). Research (has involved students): normal modes in electromagnetic cavities; surfaces of various materials using an Atomic Force Microscope, including investigations of liquid surfaces and the melting transition; high-speed video investigation of buckle phenomena in a thin plate.

1985-1989 Courant Institute, New York University
Taught one section of a multi-section, two-semester course in machine language in the Computer Science department. Revised the content annually to match changes in the operating system which formed the basis of the course.

1976 Physics Department, Cornell University
Taught recitation sections of introductory physics course.

1972 University of Maryland extension in Sinop, Turkey
Taught college-level introductory mathematics for several semesters. I developed lesson plans to cover the course material.

