

CIRICULUM VITAE

Michael B. Gratton
Mathematics
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EDUCATION

B.S. in Mathematics (with Distiction), Harvey Mudd College

HONORS AND AWARDS

Chavin Prize for Undergraduate Thesis Writing (2002)
Harvey Mudd College Freshman Writing Prize 1999
Dean's List S1999, F1999, S2000, F2000, S2001, F2001, S2002
Letter of Commendation in Chemistry 1998
Tarleton State Chemistry Research Award 1997

RESEARCH INTERESTS

Numerical Methods and Fluid Mechanics

PROFESSIONAL AFFILIATIONS

Society for Industrial and Applied Mathematics

ARTICLES AND LECTURES

Michael B. Gratton, The Effects of Torsion on Anomalous Dispersion in Helical Pipe Flow. Undergraduate thesis, Harvey Mudd College, 2002.
Michael B. Gratton. Mixing in Helical Pipes, American Physical Society / Division of Fluid Dynamics. San Diego, 2001.

WORK EXPERIENCE

Research Assistant in organic chemistry, Tarleton State University, 1997 (Full- Time)
REU Research in signal processing with wavelets, Texas A&M, 2000 (Full- Time)
HMC Bridge Program Mentor, Harvey Mudd College, 2000 (Part-Time, 30 hours per week)
Research Assistant in fluid mixing, Harvey Mudd College, 2001 & 2002 (Full- Time)

REFERENCES

Professor Andrew J. Bernoff, Harvey Mudd College, ajb@math.hmc.edu, (909) 621-8687
Professor L. G. de Pillis, Harvey Mudd College, depillis@hmc.edu, (909) 621-8975
Professor Weiqing Gu, Harvey Mudd College, gu@hmc.edu, (909) 621-8929
Professor Francis Narcowich, Texas A&M University, fnarc@math.tamu.edu, (979) 845-7369
Dean Guy Gerbick, Harvey Mudd College, ggerbick@hmc.edu, (909) 621-8301