

# Curriculum Vitae

Andrew John Norman

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## Degrees

- College of William and Mary  
Ph.D. in Physics, January 2004  
Advisors: John Kane, Morton Eckhause, Robert Welsh  
Dissertation Title: On the Decay of the Long-lived Neutral Kaon Into Two Muons and Two Electrons
- College of William and Mary  
M.S. in Physics May 1998  
Advisors: John Kane, Morton Eckhause, Robert Welsh
- College of William and Mary  
B.S. in Physics and Mathematics, May 1995  
Mathematics Advisor: Chi-Kwong Li  
Physics Advisors: John Kane, Morton Eckhause, Robert Welsh

## Fellowships

- Graduate Research Assistant (1997-2003) William and Mary High Energy Group

## Experience

- Brookhaven National Laboratory, AGS Experiment E935 (1997-Present)  
Brookhaven National Laboratory, AGS Experiment E871 (1994-1999)  
Tri Universities Nuclear Lab, N-D breakup (1996)  
Thomas Jefferson National Accelerator Facility, Hall A Dipole Mapping (1996)  
Thomas Jefferson National Accelerator Facility, Hall B (CLAS) E&M Calorimeter construction (1992-1993)

## Skills

- Programing C/C++, Perl, Fortran  
Monte Carlo modeling including CERNLIB/GEANT  
Computational methods including distributed and parallel algorithms  
UNIX system programing  
UNIX system administration and networking

**Appointments**

Laboratory Instructor – Introductory Physics (Mechanics) 2000  
Discussion Session Instructor – Introductory Physics (E&M) 1998  
Discussion Session Instructor – Introductory Physics for Life Sciences (Mechanics) 1998  
Laboratory Instructor – Introductory Astronomy Laboratory 1998  
Graduate Teaching Assistant – Modern Atomic Physics Laboratory 1997  
Graduate Teaching Assistant – Introductory Astronomy 1996  
Graduate Teaching Assistant – Introductory Physics for Engineers (Mechanics) Duke Univ. 1996  
Laboratory Instructor – Introductory Physics for Life Sciences (Mechanics) Duke Univ. 1995

**Honors**

High Honors in physics for Senior honors thesis “Measurement of the Mass of the Muon Type Neutrino” 1995  
Society of the Alumni Award (for outstanding achievement in the study of physics) – W&M 1995  
Golden Key National Honor Society, W&M 1994  
ΣΠΣ National Honor Society (Physics), W&M 1994  
Alpha Lambda Delta and Phi Eta Sigma National Honor Societies, W&M 1992