

Matthew Donald Beckman

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EDUCATION

Master of Science in Statistics

The University of Minnesota

Minneapolis, Minnesota

Expected Graduation: Spring 2008

Coursework & Software Experience:

- Multivariate statistics, categorical data analysis, nonparametric methods, bootstrap methodology, SAS programming, regression analysis, design of experiments, and survival analysis
- SAS, R, Minitab, Arc, and MacAnova software training and experience using Weka for data mining

Bachelor of Science in Mathematics

The Pennsylvania State University

University Park, Pennsylvania

Fall 2002 – Spring 2006

- Awarded High Distinction (top 4% of class) at time of graduation
- Cumulative grade point average 3.93
- Named to Dean's List all eight semesters attended

Teaching Certification

Pennsylvania Department of Education

Pennsylvania

Spring 2006

- Secondary Mathematics Education

PROFESSIONAL EXPERIENCE

Teaching Assistant

The University of Minnesota

Minneapolis, Minnesota

Fall 2006 – Present

- Supported 8 introductory statistical analysis to classes of 30 or more undergraduate students
- Offered private tutoring, development of quantitative reasoning skills, and motivation to students

Summer School Teacher

Corry Area School District

Corry, Pennsylvania

Summer 2006

- Instructed 20 low achieving high school students on basic concepts of mathematics
- Planned and executed original lessons and carried out assessments
- Bolstered skills and confidence necessary for students to enjoy success in mathematics

Intern – Statistical Sciences Group

Ecolab Research, Development, and Engineering

Eagan, Minnesota

June 2007 - Present

- Taught and developed training materials for full-day professional development workshops in basic statistics, data analysis, experimental design, measurement systems analysis, statistical process control, and robust design and specification analysis to classes of 16 employees at a time.
- Provided eclectic statistical support to associates in every division of Ecolab, including consulting services, data mining, designing experiments, data analysis, and sample size estimation

AWARDS & INTERESTS

Highest GPA of any varsity athlete at Penn State University

August 2005

Top 15% on Praxis mathematics content knowledge exam

January 2006

Recipient of the Eagle Scout Award

March 2001

American Statistical Association member

January 2007 – Present

National Council of Teachers of Mathematics member

January 2005 – Present

Penn State S&B senior honor society inductee

February 2006