# CURRICULUM VITAE

---

**Name**

Christopher G. Green

**Current Position Title**

Graduate Teaching Assistant

**Contact Information**

*Work:* Department of Statistics
Box 354322
University of Washington
Seattle, WA 98195
206.685.9639

*Home:* 11059 3rd Avenue NE
Seattle, WA 98125
206.440.8014

*E-Mail Address:* cggreen at u dot washington dot edu
*WWW:* http://www.stat.washington.edu/cggreen/

**Education**

Ph.D., Statistics, University of Washington, Seattle, WA, expected Fall 2008.
Dissertation Topic: Robust Statistical Methods, Factor Models, and Heavy-Tailed Distributions in Portfolio Management.
Advisor: R. Douglas Martin.
M.S., Mathematics, University of Washington, Seattle, WA, August 2001.
Thesis Topic: Connections Between Lanczos Iteration and Orthogonal Polynomials.
Advisor: Anne Greenbaum
B.S., Mathematics, summa cum laude, Washington University, St. Louis, MO, May 1999.

**Research Experience**

**Graduate Research Assistant, Computational Finance Program**
*Department of Statistics, University of Washington, Seattle, WA*
**Fall 2003-Spring 2005**

**Graduate Research Assistant, Image Processing Laboratory**
*Department of Radiology, University of Washington, Seattle, WA*
**June 2001-August 2002**

**Research Intern, SCAMP (interdisciplinary summer program)**
*Institute for Defense Analyses, Center for Computing Scieneces, Bowie, MD*
**Summer 1999**

**Research Intern, Director's Summer Program**
*Department of Defense, National Security Agency, Fort George G. Meade, MD*
**Summer 1998**

**Research Intern, Summer Research Experiences for Undergraduates (REU) Program**
*Department of Mathematics, University of Missouri, St. Louis, MO*
**Summer 1997**

**Teaching Experience**

**Teaching Assistant, Advanced Theory of Statistical Inference**
*Department of Statistics, University of Washington, Seattle, WA*
**Winter 2008-Spring 2008**

**Teaching Assistant, Probability and Statistics in Engineering and Science**
*Department of Statistics, University of Washington, Seattle, WA*
**Fall 2002-Summer 2003**

**Teaching Assistant, Numerical Analysis (Math 464-465-466)**

*Department of Mathematics, University of Washington, Seattle, WA*
**Fall 2000-Spring 2001**

**Teaching Assistant, Precalculus (Math 120)**

*Department of Mathematics, University of Washington, Seattle, WA*
**Fall 1999**

**Other Experience**

**Webmaster**

*Department of Statistics, University of Washington, Seattle, WA* — **Fall 2006-Fall 2008**

*Computational Finance Program, University of Washington, Seattle, WA* — **Fall 2004-Summer 2007**

*VIGRE Program, University of Washington, Seattle, WA* — **Fall 2005-Summer 2006**

**Computing Graduate Student Assistant**

*Department of Statistics, University of Washington, Seattle, WA* — **Spring 2006-Fall 2008**

**Book Production**

*Production Lead for* Introduction to Modern Portfolio Optimization with NUOPT, S-PLUS, and S+Bayes*, Bernd Scherer and Doug Martin* — **Winter 2005**

**Statistical Consulting**

*Department of Statistics, University of Washington, Seattle, WA* — **Summer 2004, Fall 2005**

**Professional Societies**

Student Member, Society for Industrial and Applied Mathematics (SIAM) 2003-present
Student Member, American Statistical Association (ASA), January 2006-present
Student Member, Institute for Mathematical Statistics (IMS), January 2006-present

**Leadership and Service**

Computing Graduate Student Assistant, Department of Statistics, University of Washington, Seattle, WA (Spring 2006-Fall 2008)

Student member of Departmental Computing Comittee, Department of Statistics, University of Washington, Seattle, WA (Spring 2006-Summer 2007)

Webmaster, Department of Statistics, University of Washington, Seattle, WA (Fall 2006-Fall 2008)

Webmaster, Computational Finance Program, University of Washington, Seattle, WA (Fall 2004-Summer 2007)

Webmaster, VIGRE Program, University of Washington, Seattle, WA (Fall 2005-Summer 2006)

Pi Mu Epsilon Mathematics Honor Society, Washington University, St. Louis, MO, 1996-1999 (Secretary, 1997-1998, Vice President 1998-1999).

**Awards and Honors**

Research Scholarship, NSF VIGRE program, Department of Statistics, University of Washington, Seattle, WA, Summer 2005-Spring 2006.

Research Scholarship, NSF VIGRE program, Department of Mathematics, University of Washington, Seattle, WA, Fall 1999-Spring 2000.

Dean's List, Washington University, St. Louis, MO, 1995-1997.

William Lowell Putnam Mathematical Competition, 1995-1998 (highest ranking: 272/2510, raw score: 21).

Member, Winning team, 1997 Missouri MAA Collegiate Mathematics Competition, Missouri Western State College, St. Joseph, MO.

Member, Winning team, 1996 Missouri MAA Collegiate Mathematics Competition, Southeast Missouri State College, Cape Girardeau, MO.

Theresa V. Eberenz Memorial Scholarship, Washington University, St. Louis, MO, 1997.

National Merit Scholar, 1995.

Bausch and Lomb Science Award, 1995.

**Invited Talks**

"Independent Components Analysis", Numerical Analysis Research Club (NARC) Seminar Lecture, University of Washington, Seattle, WA, March 2002.

"An Introduction to Ramsey Theory", Applied and Computational Mathematics Sciences (ACMS) Seminar Lecture, University of Washington, Seattle, WA, May 26, 2000.

"An Introduction to the RSA Method of Cryptography", Contributed Paper, 14th Annual Rose-Hulman Institute of Technology Conference on Undergraduate Mathematics, Rose-Hulman Institute of Technology, Terre Haute, IN, March 21-22, 1997.

## Publications, Peer-Reviewed

**Published or Accepted Journal Articles**

Keogh BP, Green C, Cordes D, Stanberry L, Robbins CA, Maravilla K, Emmi A. *Bold-fMRI Imaging of PTZ-induced Seizures in Rats*. Epilepsy Research **66** (1-3), Aug.-Sept. 2005, 75-90.

**Conference Proceedings**

Green CG, Nandy R, Cordes D. *Preprocessing of fMRI Data Adversely Affects the Results of ICA*. In Proceedings of the International Society for Magnetic Resonance in Medicine, 10th Scientific Meeting and Exhibition, Honolulu, Hawai'i, May 18-24, 2002.

**Book Chapters**

Green CG, Haughton V, Cordes D. "Independent Component Analysis and Functional Magnetic Resonance Imaging." In *Functional MRI : Basic Principles and Clinical Applications*, Scott Faro and Feroze B. Mohamed (editors), Springer-Verlag, 2006.

## Publications, Non-Peer-Reviewed

**Books**

Green CG. *The R Primer*. 2003. Available online from The R Primer Home Page (`http://www.stat.washington.edu/cggreen/rprimer/`).

**Conference Proceedings**

Keogh BP, Green C, Cordes D, Schwartzkroin P, Robbins CA, Tempel BL, Maravilla K, Emmi A. *Real Time fMRI of Seizure Initiation in a Rat Model of Status Epilepticus*. Proceedings of the American Epilepsy Society 56th Annual Meeting, Seattle, Washington, December 6-11, 2002.

Keogh BP, Emmi A, Cordes D, Green C, Maravilla K, Schwartzkroin P, Robbins CA, Tempel BL. *Real-Time fMRI of Pentylenetetrazol and Kainic Acid Induced Seizures in a Rat Model of Epilepsy*. Jackson Laboratories 4th Workshop on Mouse Molecular Genetics, Bar Harbor, Maine, June 5-8, 2002.

Green CG, Cordes D. *Processing Functional MRI Data with Principal Components Analysis Adversely Affects the Results of Independent Components Analysis*. In Neuroimage: Proceedings of the Seventh Annual Meeting of the Organization for Human Brain Mapping, Sendai, Japan, June 2-6, 2002.

| | |
|---|---|
| **Hobbies** | Powerlifting, Strongman. |