

# PATTI WILGER HUNTER

## CURRICULUM VITAE

**Address:**

Department of Mathematics and Computer Science  
955 La Paz Rd.  
Santa Barbara, CA 93108

**Telephone:** (805) 565-6076**E-mail:** phunter@westmont.edu**Research Area:** History of Mathematics**Education:**

Ph.D. in Mathematics, 1997	University of Virginia
M.S. in Mathematics, 1990	University of Virginia
B.S. in Mathematics, Summa cum Laude, 1988,	Westmont College

**Employment History:****Fall 2010-present:** Professor of Mathematics, Westmont College**Fall 2003-2010:** Associate Professor of Mathematics, Westmont College.**Fall 2000-2003:** Assistant Professor of Mathematics, Westmont College.**Winter, 1998, Winter, 1999:** Instructor, Department of Mathematics, North Central College.**Spring and Summer, 1997:** Instructor, Department of Mathematics, University of Virginia.**Fall, 1992 to Spring, 1995 and Fall, 1988 to Spring, 1990:** Teaching Assistant, Department of Mathematics, University of Virginia.**Fall, 1990 to Spring, 1992:** Instructor, Department of Mathematics, Westmont College.**Professional Memberships:**

Mathematical Association of America  
Association of Christians in the Mathematical Sciences  
History of Science Society  
Canadian Society for the History and Philosophy of Mathematics

**Awards**

Teacher of the Year, Natural and Behavioral Sciences, 2006-07

**Publications:**

“Drawing the Boundaries: Mathematical Statistics in Twentieth-Century America,” *Historia Mathematica* 23 (1996): 7-30.

Articles on Max Mason, Artemis Martin, Jacob D. Tamarkin, and Dunham Jackson for *American National Biography* (New York: Oxford University Press, 1999).

“An Unofficial Community: American Mathematical Statisticians before 1935,” *Annals of Science* 56 (1999): 47-68.

Review of Deborah J. Bennett, *Randomness in Isis* 93 (1999): 345-46.

Review of Armand Borel, *Essays in the History of Lie Groups and Algebraic Groups* in *Isis* 93 (2002): 719.

“Connections, Context, and Community: Abraham Wald and the Sequential Probability Ratio Test,” *Mathematical Intelligencer* 26 (2004): 25-33.

“Foundations of Statistics in American Textbooks: Probability and Pedagogy in Historical Context,” in *From Calculus to Computers: Using the Last 200 Years of Mathematics History in the Classroom*, ed. Amy Shell-Gellasch and Richard Jardine (Washington, DC: Mathematical Association of America), 2005.

Review of Alain Desrosières, *The Politics of Large Numbers: A History of Statistical Reasoning* in *Mathematical Intelligencer* 28 (2006): 69.

Article on Abraham Wald in *Dictionary of American Economists*, Thoemmes Press, 2006.

Review of Theodore M. Porter, *Karl Pearson: The Scientific Life in a Statistical Age* in *Historia Mathematica* 34 (2) (2007), 23-236.

"Gertrude Cox in Egypt: A Case Study in Science Patronage and International Statistics Education during the Cold War." *Science in Context* 22 (1) (2009): 47-83.

### **Papers Presented:**

“Drawing the Boundaries: Mathematical Statistics in Twentieth-Century America”

- Biennial Conference of the Association of Christians in the Mathematical Sciences, May, 1995;
- Statistics Division Colloquium, University of Virginia, September, 1995;
- Special Session on the History of Mathematics, Annual Meeting of the American Mathematical Society, Orlando, FL, January, 1996.

“‘Hurling Equations at Hitler’: World War II and the American Mathematical Statistics Community”

- Department of Mathematics Colloquium, Swarthmore College, November, 1996;
- Department of Mathematics, Wheaton College, March, 1998;
- Mathematics Club Seminar, Department of Mathematics, North Central College, January, 1998.

“The Mathematics of Statistics: Foundations of Probability in American Textbooks, 1925-1946”

- Special Session on the History of Mathematics, Annual Meeting of the American Mathematical Society, San Diego, CA, January, 1997.

Invited commentator, Conference on “What Is the History of Mathematics? Who Is It For?”

- University of Chicago, May 1997.

“An Unofficial Community: American Mathematical Statisticians before 1935”

- Oberwolfach Tagung, History of Mathematics, Oberwolfach, Germany, October, 1998.

“Connections, Context, and Community: Abraham Wald and the Sequential Probability Ratio Test”

- Special Session on the History of Mathematics, Annual Meeting of the American Mathematical Society, Washington, DC, January, 2000.

“Statistics in the U.S. Comes of Age: A Case Study in American Influence Abroad”

- Special Session on the History of Mathematics, Western Section Meeting of the American Mathematical Society, San Francisco, CA, October, 2000;
- Conference for the Canadian Society of the History and Philosophy of Mathematics, Quebec City, Canada, May, 2001;
- History of Science Society Annual Meeting, Denver, CO, November 2001.

“Spreading the Gospel: Gertrude M. Cox and the ISI Education Committee”

- Special Session on the History of Mathematics, Annual Meeting of the American Mathematical Society, San Diego, CA, January 2002.

“From Vienna to New York: Abraham Wald’s Converging Communities”

- Special Session on the History of Mathematics, Annual Meeting of the American Mathematical Society, Phoenix, AZ, January 2004.

“Questions with a Wider Focus: Looking Beyond the Big Names--Three Examples from the History of American Statistics”

- University of Richmond Quest: “The History of Mathematics: How Do We Know What Questions to Ask?” International Conference, May 2004.

“Foundations of Statistics in American Textbooks: Probability and Pedagogy in Historical Context”

- History of Science Society Annual Meeting, Austin, TX, November 2004;
- Special Session on the History of Mathematics, Western Section Meeting of the American Mathematical Society, Santa Barbara, April 2005.

“The Emergence of the Field of Mathematical Statistics in the United States, 1900-1950”

- International Congress of the History of Science, Beijing, China. July 2005.

“‘Spreading the Gospel’: Gertrude M. Cox and the Promotion of University Statistics at Home and Abroad”

- Keynote speaker, Smokey Mountain Undergraduate Research Conference on the History of Mathematics, April 2008.

"Gertrude Cox in Africa: A Case Study in Science Patronage and International Statistics Education in the Cold War"

- History of Science Society Annual Meeting, Pittsburg, PA, November 2008.

Panelist, “Einstein: His Life and Universe,” Westmont Downtown, January 2009.

**Professional Activities:**

Editorial Associate, *Historia Mathematica*, July, 1995 – June, 1997.

Contributor, Abstracts Section, *Historia Mathematica*, 1993-1995, 2002-present.

Organizer of “Internationalization and Trans-national Communication in Mathematics: Influence on Context and Community,” paper session at History of Science Society Annual Meeting, Denver, CO, November 2001.

Referee for *The American Mathematical Monthly* (2 papers reviewed, June 2004, March 2005)

Reviewer for Houghton-Mifflin (1 textbook reviewed, August 2004)

Co-Organizer and Session Chair, Special Session on the History of Mathematics, AMS/MAA National Meetings, annually, 2005-2009.

Co-organizer of "Studies in the Internationalization of Mathematics: Goals, Strategies, and the Outcomes in Nineteenth and Twentieth Centuries," paper session at History of Science Society Annual Meeting, Pittsburgh, PA, November 2008

**Institutional Service (Westmont):**

Coordinator, Program for President's Scholars and Honors Students, 2001-2006.

Personnel Committee, 2002-03, 2010-2012.

Faculty Council, 2004-2006.

Faculty/staff search committees (resident directors – 2; women's basketball coach; English department)

Mentor for new faculty (Andrea Gurney).

Co-director, Westmont in Mexico, 2009.

Residence Hall Faculty Fellow.

**Community Service:**

Secretary, Parents Council, César Chávez Charter School, 2002-2003

President, Board of Directors, Las Barrancas Owners Association, 2002-2003

Teacher, Children's Ministry, Santa Barbara Community Church, 2002-2004, 2005-2006

Volunteer, Transition House 2003-2009.

Volunteer, Kids Club (outreach to children on Santa Barbara's east side): 2007-present.

Homegroup leader, Santa Barbara Community Church, 2001-present