

Jennifer A. Wright

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Education M.S. in Mathematics, Option: Applied, Aug. 2007
B.S. in Mathematics, Option: Statistics, Dec. 2001
- California State University, Northridge (CSUN)
A.A Degree in General Science, Dec. 1997
- Santa Monica College (SMC)

Professional Activities

Moodle Administrator and Assistant, Prof. Shubin CSUN 5/2008 – Present
- Learning to use, implement, and manage online courses using Moodle.
- <http://www.carolshubin.com/moodle/>

Workshop Facilitator and Tutor, College of The Canyons, MESA program
- Ran math workshop and tutoring for students at COC. 9/2008 – 6/2009

Research Assistant, CSUN, Teachers for New Era (TNE) 10/2007 – 12/2008
-Assisting with data: inputting, analyzing, organizing and other computer tasks, as needed.

Excel Workshop by J. Wright, CSUN, 1 day 11/2007

Teaching Assistant, KIST, Kigali, Rwanda in Africa 01/2007 – 05/2007
-Teaching assistant to the Fulbright scholar in Rwanda, 6 month appointment.

Latex Workshop by J. Wright, CSUN, 3 days 11/2006

Teaching, CSUN, SI Leader for Learning Resource Center (LRC) 08/2006 – 12/2006
- Supplementary math instruction for Algebra students at CSUN.

GK-12 Fellow, NSF funded fellowship through CSUN 08/2005 – 07/2006
-Teaching basic Math and Algebra to 8th grade students in LAUSD & learning teaching techniques.

Mathematics Computer Lab Assistant, CSUN Math Dept. 01/2000 – 06/2005
- Assist students with computer related problems and lab management. &
08/2006 – 12/2006

Program Assistant, CSUN, NASA CSUN/JPL PAIR Program 01/2003 – 12/2005
- In charge of daily program operations: paperwork, student supervision, organization, etc.

Graduate Assistant, CSUN, San Fernando Observatory 07/2002 – 12/2004
- Recording sun images, analyzing images and other computer projects, as needed
(Mostly Summer and Winter)

Research Assistant, CSUN, NASA CSUN/JPL PAIR Program 08/2001 – 08/2002
- Analysis of 1-D electrophoresis gels with statistical models observing protein reactions.

PAIR Fellow, NASA CSUN / JPL PAIR Program Grant 6/2000 – 8/ 2001
- Analyzing and modeling - Proteins in 1-D electrophoresis gels (3 week course)
- The sun's energy output (3 week course)
- Earth's tectonic plate movement (3 week course)
- Attended seminars in Solar Physics and Geophysics through the year.

Publications

M. Larry Clevenson and Jennifer Wright. "Go For It: What to consider when making fourth down decisions," *Chance Magazine*, Vol. 22, No. 1: Winter 2008

MS Thesis Fourth Down Decisions in NFL Football: A Statistical Analysis, CSUN, Aug 2007
Advisor: Larry Clevenson

Presentations

Sigma Xi Symposium, CSUN, Spring 2003, "Mathematical Models to Determine Molecular Weight of Proteins"

Posters Cynthia Shepherd, Joanna Murakami, Jennifer Wright and Patrick Gass (CSUN Math Club), "Segmented Time," MathFest, Knoxville, TN., August 10-12, 2006.

Cynthia Shepherd, Joanna Murakami, Jennifer Wright and Patrick Gass (CSUN Math Club), "Segmented Time," Meeting of the Southern California-Nevada Section of the Mathematical Association of American (CS San Bernardino), April 9, 2006.

7th Annual Student Research and Creative Works Symposium (CSUN), "Comparison of Mathematical Models to Determine Molecular Weight of Proteins," November 2002.

NASA PAIR Summit Meeting, Leeburg, VA., "Comparison of Mathematical Models to Determine Molecular Weight of Proteins," Nov. 3-6, 2002.

Southern California Conference on Undergraduate Research (SCCUR) Caltech poster session, "Comparison of Mathematical Models to Determine Molecular Weight of Proteins," Nov. 2002.

6th Annual Student Research and Creative Works Symposium, "Comparison of Mathematical Models to Determine Molecular Weight of Proteins" November 2001

Awards 1st in undergraduate research poster, 6th Annual Research Symposium, CSUN, 2001

Organizations

CSUN Math Club: *President* 2004-2006, *Website Officer* 2002-2004, *Member* since 2000.
American Statistics Association, *Member* since 2000

Computer Skills

Experience with: IBM and Mac, Windows OS, MS Office programs, Internet, HTML with CSS, Flash, Quicken, Mathematica, Minitab, Latex/WinEdt and various other programs, as well as, minor repair and maintenance experience.