

**Roderick A. Rose, M.S.**  
**Research Associate & Project Director**

**Profile**

Roderick A. Rose is a Research Associate and Project Director in the School of Social Work at the University of North Carolina at Chapel Hill. He has a background in economics and is skilled in advanced econometric methods. He specializes in research methods for intervention and human services evaluation, with areas of expertise and interest in missing data imputation and hierarchical linear modeling. His professional interests are in technology and education related to human services. Mr. Rose is also an adjunct instructor of economics at Campbell University.

**Personal Data**

Office Address: 301 Pittsboro St. CB 3550  
Chapel Hill, NC 27599

Phone (UNC): 919-962-8826  
Phone (personal): 919-493-1663

E-mail (UNC): rarose@email.unc.edu  
E-mail (personal): roseirco@hotmail.com

**Education**

M.S., Economics. Concentrations: Industrial Economics (Industrial Organization), Public Economics (Public Finance) and Economic History. University of North Carolina at Chapel Hill, August 2000.

B.S., Economics. (Minor: Mathematics). State University of New York at Albany, May 1996.

**Research Experience**

**Research Associate**, *various contracts and projects (see Recent Contracts, Grants and Other Project Experience, below)*

Jordan Institute for Families, School of Social Work, UNC-Chapel Hill, Chapel Hill, NC.  
June 2000 – present

**Research Assistant**, Technical Assistance to Work First

Jordan Institute for Families, School of Social Work, UNC-Chapel Hill, Chapel Hill, NC.  
October 1999 – May 2000

**Research Assistant**, Departmental Evaluation

Economics Dept., UNC-Chapel Hill, Chapel Hill, NC.

Jan 2000 – May 2000

**Research Associate**, *various contracts and projects*

Marist College Bureau of Economic Research, Marist College, Poughkeepsie, NY.  
January 1997 - July 1998

**Research Assistant**, *various contracts and projects*

Marist College Bureau of Economic Research, Marist College, Poughkeepsie, NY.  
July 1993 - January 1997

## **Recent Contracts, Grants and Other Project Experience**

**Project Director, SSP-IP**, *Evaluating the Effectiveness of the School Success Profile (SSP) Intervention Package on School-Level Performance*

Jordan Institute for Families, School of Social Work, UNC-Chapel Hill, Chapel Hill, NC.  
November 2003 to present

**Research Associate, School Success Profile (SSP)**. Grant writing; writing manuscripts for publication; studying psychometric properties of SSP; multivariate regression and hierarchical linear modeling of academic and behavioral outcomes data. (January 2003 – present).

**Research Associate, Making Choices Research Unit**. Analysis of students-within-classrooms data using HLM; methods of handling missing data. (October 2002 – present).

**Coordinator, School of Social Work Methods Interest Working Group**. Organizing group of interested faculty and staff for focusing on research methods related to ongoing research; presenting findings on missing data analysis; organizing meetings and maintaining group listserv. (February 2003 – present).

**Research Associate, Technical Assistance to Work First**. Grant writing; writing manuscripts for publication; studying end of grade testing results of children on Work First; event history modeling dropout rates of Work First children; reporting to NC Dept. of Social Services on Work First caseload; assisting in maintenance of *Work First, Work First Pilot Projects* and *Closing the Gap* websites. (June 2000 – January 2003).

**Analyst, Evaluating the Survey of Army Families IV, U.S. Army**. Reporting on family resiliency related to Army relocations, deployments, separations, housing, and leadership. (August 2001-January 2003).

## **Instructional Appointments**

**Independent Study Coordinator**, Labor Economics

Oct 2003 - Dec 2003

Campbell University, Morrisville, NC.

**Instructor**, Labor Economics  
July 2003 - Sept 2003  
Campbell University, Morrisville, NC.

**Teaching Assistant**, Principles of Economics (Econ-10)  
January 2000 - May 2000  
Economics Dept., UNC-Chapel Hill, Chapel Hill, NC.

**Teaching Assistant**, Principles of Economics (Econ-10)  
August 2000 - December, 2000  
Economics Dept., UNC-Chapel Hill, Chapel Hill, NC.

**Teaching Assistant**, Principles of Economics (Econ-10)  
August 1999 - December 1999  
Economics Dept., UNC-Chapel Hill, Chapel Hill, NC.

**Instructor**, Exploring the Internet  
January 1999 – May 1999  
Computer Science Dept., Marist College, Poughkeepsie, NY.

## **Technical Skills**

Research/Analysis: Hierarchical linear modeling (or multilevel/variance components/random coefficients modeling), multivariate regression analysis, including OLS, (E)GLS, and logistic; survival (event history) analysis including Cox proportional hazards modeling; reliability, validity and test measurement analysis; structural equations and factor analysis; methods of imputing multivariate normal missing data.

Statistical analysis software: Base SAS in Windows and UNIX environments, SAS/STAT, SAS/IML, SAS web applications and ODS; SPSS; AMOS.

Other computing skills: Web publishing and programming including static HTML, JavaScript, Dynamic HTML, PHP3/MySQL, XHTML, Perl and CSS; various general applications including AIX Unix and Linux, Word, Excel, Access, and PowerPoint.

Other: A skilled and confident public speaker.

## **Honors**

Phi Beta Kappa Liberal Arts Honor Society, May 1996.

## Publications

Randolph, K., Orthner, D.K., Fraser, M. and Rose, R. (in press). High school dropout and maternal employment using time-varying variables in event history analysis. Journal of Family Issues.

Randolph, K., Rose, R., Orthner, D.K., and Fraser, M. (in press). Promoting school success among at risk youth. Journal of Poverty.

Randolph, K., Rose, R., Orthner, D.K., and Fraser, M. (in press). Examining the impact of changes in maternal employment on high school completion among low-income youth. Journal of Family and Economic Issues.

Orthner, D.K., and Rose, R. (2003). Deployment and separation experience among military families. Journal of Consumer and Family Sciences 95(1): 33-37.

Orthner, D.K., Cook, P., Rose, R. and Randolph, K. (2002). Welfare reform, poverty and children's performance in school: challenges for the school community. Children and Schools 24(2): 105-121.

## Conference Presentations

Rose, R. (2001). The basics of dynamic SAS/IntrNet applications (*Invited*). SUGI Conference 26 Proceedings. Long Beach, CA: SAS Users Group International.

Rose, R. (2000). Static SAS Web Publishing. SESUG 2K Conference Proceedings. Charlotte, NC: Southeast SAS Users Group.

Rose, R. (2000). Teaching SAS web publishing in a web environment (*Invited*). SESUG 2K Conference Proceedings. Charlotte, NC: Southeast SAS Users Group.

Rose, R. (2000). Teaching SAS web publishing in a web environment. SUGI Conference 25 Proceedings. Indianapolis, IN: SAS Users Group International. *Award-winning presentation (honorable mention in section)*.

## Research Reports

Orthner, D. & Rose, R. (2002). SAF IV Survey Report: ACS Programs and Adjustments among Army Non-military Spouses. Chapel Hill, NC: Jordan Institute for Families, School of Social Work, University of North Carolina at Chapel Hill.

Rose, R. (2002). Caseload Dynamics: A County-Level Entry Cohort Forecasting Model using Hierarchical Linear Modeling. Chapel Hill, NC: Jordan Institute for Families, School of Social Work, University of North Carolina at Chapel Hill.

Rose, R. (2002). Three Years Later: Employment Experiences of the Adults that Left Work First as the Result of the 24-Month Clock in August 1998. Chapel Hill, NC: Jordan Institute for Families, School of Social Work, University of North Carolina at Chapel Hill.

Orthner, D., Rose, R., & Flair, K. (2001). Educational Progress Among TANF Children: Longitudinal Research on School Age Children in Forsyth County. Chapel Hill, NC: Jordan Institute for Families, School of Social Work, University of North Carolina at Chapel Hill.

Orthner, D., Cook, P., Rose, R., & Randolph, K. (2001). Trends in Educational Outcomes for Children in Poverty 1992-93 to 1999-2000. Chapel Hill, NC: Jordan Institute for Families, School of Social Work, University of North Carolina at Chapel Hill.