

Marcia L. Gumpertz

Education:

University of California, Berkeley	Philosophy	A.B. 1973
Oregon State University	Statistics	M.S. 1979
North Carolina State University	Statistics	Ph.D. 1989

Positions Held:

5/2009 - present: Interim Vice Provost for Diversity and Inclusion, NCSU, Raleigh, NC.
7/2006 - 5/2009: Assistant Vice Provost for Faculty and Staff Diversity, NCSU, Raleigh, NC.
8/2002 - 7/2006: Director of Undergraduate Programs in Statistics, NCSU, Raleigh, NC.
7/2000 - present: Professor, Department of Statistics, North Carolina State University
1/2000 - 7/2000: Visiting scientist, Div. Cancer Control and Prevention, National Cancer Inst.
1995 - 2000: Associate Professor, Department of Statistics, North Carolina State Univ.
1989 -1995: Assistant Professor, Department of Statistics, North Carolina State Univ.
1980 -1984: Scientist; Senior Scientist, Northrop Services Inc., Corvallis, OR.

Honors, Awards, National Offices and Service:

Guest Editor, Special Issue on Statistics for Wildfire Processes, *Environmental and Ecological Statistics*. 16:2, June 2009.

American Statistical Association Section on Statistics and the Environment Distinguished Achievement Award, 2008.

Past-President (2006-2008), President (2004-2006), Mu Sigma Rho National Statistics Honor Society

Member (2006-2008) *Journal of Agricultural, Biological, and Environmental Statistics* Management Committee

Fellow, American Statistical Association, 2006

NCSU Outstanding Academic Advising Administrator Award, 2004

Associate Editor *Forest Science* 2001-2003

Selected Grants:

Developing Diverse Departments (3-D) at NC State. NSF ADVANCE Program HRD-0820013. PI: M. Gumpertz; Co-PIs: M Wyr, M. Daub, L. Severin, D. Solomon. \$496,000. 8/2008-7/2011.

CSUMS: NC State University Computation for Undergraduates in Statistics Program (CUSP). NSF DMS-0703392. PI: S. Ghosh; Co-PIs: M. Gumpertz, S. Pantula, H. Zhang. \$483,000. 9/2008-8/2010.

Enhancing Transfer Students' Graduation Success in Computer Science, Engineering, Mathematics and Statistics. NSF CSEMS Program. PI: T. Mitchell; Co-PIs: J. Scroggs, J. Cohen, R. Keltie, C. Healy, M. Gumpertz. \$400,000. 9/2004 – 6/2008.

Selected Publications:

Gumpertz, M.L., Pickle, L.W., Miller, B.A., and B.S. Bell. 2006. Geographic patterns of advanced breast cancer in Los Angeles: associations with biological and sociodemographic factors. *Cancer Causes and Control*. **17**: 325-329.

Giesbrecht, F.G. and Gumpertz, M. L. 2004. *Planning, Construction, and Statistical Analysis of Comparative Experiments*. John Wiley and Sons, New York.

Gumpertz, M.L., Wu, C.-T., and Pye, J.M. 2000. Logistic regression for southern pine beetle outbreaks with spatial and temporal autocorrelation. *Forest Science*, **46**, 95-107.

Gumpertz, M.L., Graham, J.M., and Ristaino, J.B. 1997. Autologistic model of spatial pattern of Phytophthora epidemic in bell pepper: effects of soil variables on disease presence. *Journal of Agric., Biol., and Environ. Statistics*, **2**, 131-156.

Gumpertz, M.L. and Brownie, C. 1993. "Repeated measures in random block and split plot experiments." *Canadian Journal of Forest Research*. **23**, 625-639.

Synergistic Activities

Chair the following committees:

University Diversity Advisory Committee

African American Coordinators Committee

Office for Diversity and Inclusion representative to the following committees and task forces:

Task Force on Staff Diversity

Staff Senate Diversity Committee

Council on the Status of Women

Association of Women Faculty

Committee member:

Faculty Well-Being Advisory Committee

Community Brotherhood Dinner Committee

Common Reading Committee

O. Max Gardner Award Committee

Chancellor's African American Community Advisory Committee

Initiated and coordinate the NCSU Assistant Professors' Learning Community. This is an informal discussion group in which 8 to 12 assistant professors meet with 3 to 5 senior faculty members to discuss issues of importance for acclimating to faculty life and preparing for tenure. This program meets three times per semester and is sponsored jointly by the Office of Faculty Development and the Office for Diversity and Inclusion.

Graduate Advisors: S.G. Pantula, NCSU; J.R. Rawlings, Retired

PhD Dissertation Advisor: D.T. Butry, 2006, NIST; M.W. Mitchell, 2002, Metabolon; J.-P.Wu (formerly C.-T. Wu), 1998, Feng Chia University, Taiwan; J.E. Morgan, 1996, Glaxo-Smith-Kline; J.M. Graham, 1995, University of Montana.