

**Robert L. Steiner**  
Professor  
Applied Statistics Program  
Econ/ ASTAT/ IB  
New Mexico State University

**Education**

Ph.D. 1993 Statistics, Oklahoma State University  
M.A. 1987 Mathematics, University of Oklahoma  
B.S. 1984 Mathematics, East Central University, Ada, Oklahoma  
B.S. 1978 Pharmacy, University of Oklahoma

**Academic Positions and Previous Employment**

2005-present Professor, Applied Statistics, NMSU  
1999-2005 Associate Professor, Applied Statistics, NMSU  
1993-1999 Assistant Professor, Experimental Statistics, New Mexico State University  
1989-1993 Graduate Teaching Assistant, Oklahoma State University (Statistics)  
1984-1989 Graduate Teaching Assistant, University of Oklahoma (Mathematics)  
1982-1984 Mathematics Tutor, East Central University  
1978-1982 Hospital Pharmacist, Valley View Hospital, Ada, Oklahoma

**Research (selected peer reviewed publications, 2015 – 2019 )**

Yi Zhu, Lujan, P., Dura, S., Steiner, R.L., Zhang, J., Sanogo, S. Etiology of Alternaria Leaf Spot of Cotton in Southern New Mexico. *Plant disease*, vol. 103, No. 7 (July 2019).

Gurleen Kaur, Lujan, P., Sanogo, S., Steiner, R.L., Puppala, N. (2019). Assessing in vitro Efficacy to Control Sclerotinia Sclerotiorum in Peanut. *Archives of Phytopathology and Plant Protection*. Vol 52, issue 1-2.

Bundy, C. S., Taylor, M. E., McPherson, J. E., Steiner, R. L. (2018). Egg extraction methods for *Bagrada hilaris* (Heteroptera: Pentatomidae) with Notes on Ovipositional Preferences. *Journal of Entomological Science*., Vol. 54, No.1, pp. 19-29.

Zhu, Y., Lujan, P., Dura, S., Steiner, R. L., Sanogo, S., Zhang, J., et al. (2018). Evaluation of commercial Upland (*Gossypium hirsutum*) and Pima (*G. barbadense*) cotton cultivars, advanced breeding lines and glandless cotton for resistance to *Alternaria* leaf spot (*Alternaria alternata*) under field conditions. *Euphytica*, 214(8), 147.

## **Research – continued (selected peer reviewed publications , 2015 – 2019 )**

Sharma, P., Singh, A., Kahlon, C. S., Brar, A. S., Grover, K., Dia, M., Steiner, R. L. (2018). The Role of Cover Crops towards Sustainable Soil Health and Agriculture—A Review Paper. *Am J. Plant Sciences*, 9, 1935-1951.

Lauriault, L. M., Guldan, S. J., Popiel-Powers, F., Steiner, R. L., Martin, C. A., Heyduck, R., Falk, C. L., Petersen, M., May, T. (2018). Relay intercropping with cover crops improved autumn forage potential of sweet maize stover. *MDPI Agriculture*, 8(103), 12.

Baath, G., Shukla, M. K., Bosland, P., Steiner, R. L., Walker, S. (2017). Irrigation Water Salinity Influences at Various Growth Stages of Capsicum annum. *Agricult. Water Management.*, 179, 246-253.

Sharma, H., Shukla, M. K., Bosland, P., Steiner, R. L. (2017). Soil moisture sensor calibration, actual evapotranspiration and crop coefficients for deficit irrigated greenhouse chile. *J. Agricultural Water Management*, 179, 81-91.

Adkisson, R. V., Steiner, R. L. (2016). Matching Economic Development Policy to the Local Context: Must we ?. *Journal of Economic Issues*, 50(2), 620-629.

Goodman, L. E., Cibils, A. F., Steiner, R. L., Graham, J. D., McDaniel, K. C. (2015). Control of Silky Crazyweed (*Oxytropis sericea*) with Aminopyralid and Picloram on Native Rangeland. *Invasive Plant Science and Management*, 8, 401-408.

Barrick, B., Steiner, R., Picchioni, G., Ulery, A., Zhang, J. (2015). Salinity responses of selected introgression cotton grown in two soils. *Journal of Cotton Science*(19), 268-278.

## **Graduate Courses Taught (2015 – 2019)**

ASTAT 503	Introduction to SAS Programming (10 sections)
ASTAT 504	SAS applications in Experimental Design (10 sections)
ASTAT 566	Mathematical Statistics II (5 sections)
ASTAT 506	Experimental Design (5 sections)

## **Leadership and Administrative Activities**

**Program Director, Master of Science, Applied Statistics**, January 2008 - Present.

AST graduate coordinator: Recruit students, locate funding sources, aid in visa status, aid in enrollment of grad students.

### **Graduate Advising Activities**

a) Non-thesis AST masters defense advisor.

Advised 10 students from 2015 through 2019

Numbers for earlier years available

b) Graduate Dean's rep for defense committees.

Served as Graduate Dean's rep for 45 students from 2015 through 2019.

Numbers for earlier years available

c) Enrollment advisor for AST MS students.

Served as advisor for 18 students from 2015 – 2019.

Numbers for earlier years available

### **Honors, Awards, and Recognitions**

Excellence in Academic Advising, New Mexico State University, 2019

Roush Teaching Award, New Mexico State University, 2014

Graduate Teaching and Advising Award, Gamma Sigma Delta, NMSU, 2003

Outstanding Performance-Graduate Teaching Award, NMSU, College of Business, 1998

Carl Marshall Outstanding Ph.D. Student, 1993, Oklahoma State University

Harold Huneke Mathematics Teaching Award, 1989, University of Oklahoma

Baldwin Study and Travel Award, 1988, University of Oklahoma. A university-wide teaching award given to two graduate students per year.

## **Professional and Academic Organizations**

American Statistical Association, member

## **Statistical Consulting through the Applied Statistics Unit**

Provided statistical consulting services to NMSU faculty and graduate students from the following colleges: Agriculture, Business, Education, Engineering, Arts & Sciences.