



## PARTNERSHIPS

NMSU's Turfgrass Extension and Research program has developed partnerships with the University of Padua in Italy, with stakeholders in the state, and with various national associations and agencies.

## INDUSTRY

- National Turfgrass Evaluation Program
- United States Golf Association
- Barenbrug Corp.
- Syngenta
- The Toro Co.
- Helena Chemicals

## SOUTHWEST TURFGRASS ASSOCIATION



**From left to right:** Matteo Serena, Ph.D., research assistant professor (internship at NMSU in 2007 and 2008); Mino Sportelli, student intern from University of Pisa; Gala Deepak, graduate student; Bernd Leinauer, Ph.D., Professor and Extension specialist; Kyle Flowers, undergraduate student; Elena Sevostianova, Ph.D., research associate; and Alfred Munoz, undergraduate student.

## MULTIDISCIPLINARY RESEARCH AND EXTENSION PROJECTS WITH SCIENTISTS FROM:

- University of California, Riverside
- University of Arkansas
- University of Padova and University of Pisa, Italy

The NMSU Extension Turfgrass Program in collaboration with the University of Padova in Italy is training students in turfgrass research as well as providing an overseas experience for students from Italy.

### **Bernd Leinauer, Ph.D.**

**Professor and Extension Turf Specialist**

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COLLEGE OF  
**AGRICULTURAL, CONSUMER  
AND ENVIRONMENTAL SCIENCES**

**TURFGRASS  
RESEARCH AND EXTENSION**

**COOPERATIVE EXTENSION SERVICE**



All About Discovery!<sup>™</sup>  
**New Mexico State University  
Extension Plant Sciences**



New Mexico State University's Turfgrass Research and Extension program offers educational seminars and conducts applied research programs to inform, educate, and assist the citizens and the turfgrass industry in New Mexico in learning about and applying strategies for the sustainable management of turfgrass areas, particularly in conserving potable water when irrigating turf and lawns.

## **CURRENT PROGRAMS**

### **EDUCATIONAL PRESENTATIONS**

- Annual Southwest Turfgrass Conference
- Master Gardener Training
- Ornamental and Turfgrass Workshops

- Regional, national, and international presentations

### **APPLIED RESEARCH**

- National variety trials to investigate turfgrasses' climatic adaptation and salinity tolerance
- Minimum irrigation requirement of turf areas in the Southwest
- Investigate the feasibility of subsurface irrigation systems for turfgrass water conservation
- Using treated effluent water to fertilize turfgrass areas
- Non-potable saline irrigation effects on soil and turfgrass quality
- Fertilization programs, soil surfactants, and plant growth regulators to minimize water use of turf

The College of Agricultural, Consumer and Environmental Sciences is an engine for economic and community development in New Mexico, improving the lives of New Mexicans through academic, research, and extension programs. New Mexico State University is an affirmative action/equal opportunity employer and educator. NMSU and the U.S. Department of Agriculture cooperating.

## **ACCOMPLISHMENTS AND IMPACTS**

- Three graduate students awarded first prize for presentations at National Agronomy Meetings
- Approximately \$2.5 million for turfgrass research and Extension programs
- Nearly \$1 million in unrestricted gifts
- Over 50 national and international invited presentations on turfgrass water conservation, including two keynote presentations
- Clientele are assisted in developing cost-effective and sustainable turf management programs
- 96% of the attendees at educational programs indicate training enriched their understanding of turf selection and maintenance to a great extent.
- 93% of the attendees believed the training provided worthwhile information