

## STEVEN J. LORING

### SUMMARY OF EXPERIENCE

- Over 24 years administering agriculturally-related research
- Over 12 years performing and administering ecological field research
- Over 43 years writing, editing, and coordinating production of scientific and technical documentation
- Over 11 years teaching college biology courses

### RELEVANT SKILLS

- Administer off-campus research centers
- Administer academic departments
- Administer multistate research projects
- Coordinate accountability reporting for research and Extension
- Coordinate with federal agencies
- Facilitate and conduct strategic planning sessions
- Facilitate sustainability efforts across state-wide university system

### EDUCATION

- Ph.D. (Zoology), Michigan State University, 1983
- M.S. (Zoology), Michigan State University, 1979
- B.A. (Zoology), DePauw University, 1976

### EMPLOYMENT HISTORY

**Associate Director**, Agricultural Experiment Station, New Mexico State University, 2009 to present  
(Acting Director, May through July 2010)

**Assistant Director**, Agricultural Experiment Station, New Mexico State University, 2005 to 2009

**Administrative Analyst**, Agricultural Experiment Station, New Mexico State University, 1995 to 2005

- Oversee operations at all off-campus agricultural science centers
- Directly supervise Fabian Garcia Science Center and Leyendecker Plant Science Research Center
- Administer Chihuahuan Desert Rangeland Research Center
- Serve as administrative advisor for USDA-NIFA multi-state research projects
- Develop/maintain reporting/accountability database for college research and Extension projects
- Prepare and submit accountability reports for college research and Extension projects
- Facilitate strategic planning
- Serve as liaison between research and Extension groups
- Represent Agricultural Experiment Station and/or College of Agricultural, Consumer and Environmental Sciences at meetings
- Assist in proposal development
- Serve as managing editor for AES publication series

**Interim Department Head**, Agricultural and Extension Education, New Mexico State University, August 2018 to present

**Interim Department Head**, Fish, Wildlife and Conservation Ecology, New Mexico State University, July 2012 through December 2013

- Administered academic and research programs for department
- Provided leadership for strategic planning

**Shared Faculty**, USDA-Cooperative State Research, Education, and Extension Service, 2005 to 2006

- Assisted Animal Systems Group with strategic planning and performance self-studies

**Intergovernmental Personnel Agreement** with USDA-CSREES Planning and Accountability, 2004

- Facilitated three Portfolio Reviews for CSREES and wrote final reports

**USDA Hispanic Serving Institutions Fellow**, 1998

- Evaluated Government Performance and Results Act (GPRA) for Office of the Chief Financial Officer, USDA

**College Assistant Professor**, Biology Department, New Mexico State University, 1984 to 1995

- Taught introductory biology, zoology, and ecology to majors and nonmajors
- Oversaw introductory biology, zoology, ecology laboratories

**Technical Writer/Editor**, Physical Science Laboratory, New Mexico State University, 1987 to 1995

- Managed, coordinated, wrote, and edited technical reports, environmental impact statements, proposals, training manuals, user manuals, and documentation for electronic systems
- Consulted with scientists, engineers, and managers on writing contract documentation

**Postdoctoral Fellow**, Department of Biology, New Mexico State University, 1984 to 1987.

- Conducted research in ecosystem ecology and published results. Research included: role of wood rat (*Neotoma* spp.) nests on nutrient cycling of dead wood in arid ecosystems and their evolutionary role as refugia for soil microarthropods; role of microrrhizae, nematode, and microarthropod interactions in plant production and belowground root decomposition; effects of abiotic parameters and soil microarthropods on litter decomposition in arid ecosystems; modeling microarthropod population responses; and short-term population and chemical dynamics of desert ephemeral lakes (playas).
- Administered National Science Foundation grant research at New Mexico State University for off-site principal investigators

## HONORS

- Fabian Garcia Founders' Award of Excellence, College of Agricultural, Consumer and Environmental Sciences, 2009

## COMMITTEES, BOARDS, COMMISSIONS, AND COUNCILS

### National

- Communications and Marketing Committee (ESCOP/ECOP/AHS), 2018 – present; incoming chair, 2018; chair, 2019
- USDA AREERA POW Redesign Project – Institutional Profile Working Group, 2016 – 2017
- USDA-NIFA Plan of Work Panel of Experts (Western AES representative), 2015 – 2016
- National Impacts Database Steering Committee (ESCOP representative), 2014 – present; co-chair 2018 – present
- NIMSS Re-Design Committee (AES Directors' representative), 2014 – 2015
- NRSP-1 National Information Management and Support System (Western AES representative), 2011 – present; chair, October 2016 – present
- USDA-NIFA Plan of Work Streamlining Panel (co-chair), 2010

### Regional

- Executive Committee, Western Association of Agricultural Experiment Station Directors, 2015 – present; Meeting Structure Subcommittee, 2017; Secretary, 2018-2019
- W2008/W3008 (Administrative Advisor), 2015 – present
- W3188 (Administrative Advisor), 2015 – present
- W2128/W3128 (Administrative Advisor), 2010 – present
- Western Rural Development Center Board of Directors, 2012 – 2017; Nominations Subcommittee (chair), 2016 – 2017
- Colorado Plateau Cooperative Ecosystem Study Unit Executive Committee, 2010 – 2014
- Desert Southwest Cooperative Ecosystem Study Unit Executive Committee, 2010 – 2014
- WERA1007 (Administrative Advisor), 2009 – present
- Southwestern Biofuels Association Advisory Board, 2009 – 2010
- South Central Region Sun Grant Initiative Oversight Committee, 2007 – present
- *ad hoc* reviewer of seed grant proposals for the University of Nebraska-Lincoln, Institute of Agriculture and Natural Resources Strategic Investments Competitive Grants Program, 2010

### State

- New Mexico State Plan for Biofuels Leadership Task Force (workgroup co-chair), 2010
- New Mexico Mining Commission (*ex officio*), 2002 – present; backup 1995 – 2002
- New Mexico Coal Surface Mining Commission (*ex officio*), 2002 – present; backup 1995 – 2002
- USDA-NRCS State Technical Committee, 1995 – 2005
- New Mexico Soil and Water Conservation Commission (*ex officio*), 1995 – 2002

### University

- Community Engagement Council, 2016 – 2018
- Community Engagement Assessment Subcommittee (chair), 2016 – 2018
- NMSU Employee Council Strategic Planning Committee, 2016 – 2017
- HLC Accreditation Writing Team, Criterion 1: Mission, 2015 – 2017
- NMSU Space Committee, 2015 – present
- Digital Measures Steering Committee, 2014 – present
- Digital Measures College Liaison Workgroup, 2009 – 2014
- Intellectual Property and Commercialization Board, 2016 – present
- Intellectual Property Advisory Committee, 2014 – 2016
- Intellectual Property Vetting Committee, 2010 – 2014

- Sustainability Council (formerly Sustainability and Climate Change Task Force) (chair from August 2008 to July 2010); Outreach and Education Subcommittee (chair), 2007 – 2010
- Employee Council, 2010 – 2013; chair-elect, 2010; chair, 2011; past-chair, 2012
- Campus Planning Committee, 2010 – 2012
- International Relations Institute Working Group, 2009 – 2011
- Energy Task Force; Outreach Subcommittee (chair), 2004 – 2007
- ADVANCE Committee on the Status of Women in STEM (steering committee), 2001 – 2008; Visiting Professor Subcommittee (chair), 2005 – 2008
- Transportation Council, 2006 – 2007
- Information Sciences/Information Security Strategic Planning Committee, 2001 – 2003
- College of Health & Social Services Associate Dean Search Committee, 2001
- Strategic Directions Workgroup, 2000
- Strategic Planning Subcommittee on Administrative Support, 1996 – 1997

### College

- AES Associate Dean and Director Search Committee, 2019
- Awards Day Selection Committee, 2018 – present
- Sustainability Signature Program Committee (facilitator), 2017 – 2018
- Ad Hoc Committee for CES Program Impacts, 2017
- Advisory Team for the Future of Agricultural Research (co-chair), 2017 – present
- Academic Programs Associate Dean Search Committee, 2016
- Farmington ASC Assistant Professor Search Committee (chair), 2016
- Animal and Range Sciences Department Head Search Committee (chair), 2014 – 2015
- Tucumcari ASC Assistant Professor Search Committee (chair), 2013 – 2014
- Clovis ASC Superintendent Search Committee (chair), 2012
- College Liaison for Digital Measures, 2009 – present
- Common Performance Evaluation Committee, 2009 – 2012
- José Fernandez Memorial Chair Selection Committee (chair), 2009, 2013, 2016
- AES Assistant Director Search Committee (chair), 2008
- College Space Committee, 2006 – present
- Artesia ASC Superintendent Search Committee (chair), 2006
- NM Cooperative Extension Service Personnel Evaluation Revisions Committee, 2006
- Agricultural Experiment Station *ad hoc* Publications Committee, 2001
- Computer Committee, 1996 – 1997
- Jicarilla Apache Tribe Proposal Development Team, 1996
- Welfare to Work Proposal Team, 1996
- Strategic Planning Committee (facilitator), 1995 – 1996, 2000 – 2001

### OTHER ADMINISTRATIVE ASSIGNMENTS

- Interim Coordinator, New Mexico Agricultural Leadership Program, 2019
- Director of Chihuahuan Desert Rangeland Research Center, 2017 – present
- Acting Superintendent of Leyendecker/Fabian Garcia Research Centers, 2006 – 2009, 2016 – present
- Acting Superintendent of Mora Research Center, 2006 – 2007, June 2011 – September 2012
- Acting Superintendent of Farmington Agricultural Science Center, 2007

## **SELECTED INVITED PROFESSIONAL PRESENTATIONS AND PANELS**

- Capturing the Impact of Community Engagement in Activity Insight; Digital Measures User Group 2016: Making an Impact; 10 October 2016, Milwaukee, WI
- Documenting Community Engagement Impacts in Digital Measures; Teaching Academy Panel Discussion (moderator and presenter), 22 May 2016, Las Cruces, NM
- Department Head Academy: Making the Shift to Digital Measures; NMSU Teaching Academy, 18 July 2011, Las Cruces, NM
- A State's-Eye View of the Plan of Work and Annual Report of Accomplishments and Results; USDA-NIFA National Extension and Research Administrative Officers Conference, 22 May 2011, Anchorage, AK
- (1) New Mexico's State Plan for Biofuels Leadership: Economic Sustainability and Feedstock Transformation; (2) New Crops / New Challenges: Agriculture & Biofuels; Southwestern Biofuels Policy Summit, 13 April 2010, Albuquerque, NM (presentation and panel)
- Considerations for Developing New Mexico Oil-Seed Crops; Biofuels Leadership Meeting, 9 December 2009, Santa Fe, NM
- Trading Water for Oil: Considerations for Developing Southwestern Feedstocks; Re-Energizing America Conference, 31 August 2009, Las Cruces, NM (presentation and panel)
- Land-Grant System Accountability: Learning from the CSREES Portfolio Review Process; USDA-CSREES Administrative Officers Conference, 23 April 2007, Seattle, WA (presentation and panel); American Evaluation Association Conference, 2 November 2006, Portland, OR (presentation and panel) ; USDA-CSREES Administrative Officers Conference, 4 May 2006, Rapid City, SD
- The Year of Sustainability at NMSU; EPA Region 6 Roundtable, 7 April 2009, Las Cruces, NM

## **SELECTED ADDITIONAL COURSEWORK AND TRAINING**

- ESCOP/ACOP Leadership Development Training, Class 14, 2004–2005
- Putting the OMB Circulars to Work in Our Daily Lives, Research Administration Compliance Training (New Mexico State University), 2008
- Internal Control Fundamentals and Introduction to Fraud (New Mexico State University), 2005
- Basic Incident Command System IS 195 (Emergency Management Institute), 2005
- IS-700 National Incident Management System (NIMS): an Introduction (FEMA), 2005
- Principal Investigator Training Certificate (New Mexico State University), 2003
- Electronic Media Animal Care Conference, 2000
- Civil Rights in the Workplace (Giron-Gordon & Assoc./State of New Mexico), 1999
- Workshop on Strategic Planning (Denver Association of Nonprofit Organizations), 1995
- Workshop on Total Quality Facilitation (Digital Equipment Corporation), 1993
- Workshop on Total Quality Management (Milt Garrett, University of New Mexico), 1992
- Basic Supervision (Padgett-Thompson/Physical Science Laboratory), 1989
- Workshop on Project Management (Fred Pryor Seminars), 1997

- Project management courses (SkillPath), 1991, 1990
- Modified Performance Measurement System Course (Physical Science Laboratory), 1990
- Institutional Animal Care and Use Committee training (New Mexico State University), 2008, 2006, 2004, 2002, 2000, 1998
- Graduate course work in technical communication, New Mexico State University, 1987

## REFEREED PUBLICATIONS

- MacKay, W.P., S.J. Loring, J.C. Zak, S.I. Silva, F.M. Fisher, and W.G. Whitford. 1994. Factors affecting loss in mass of creosotebush leaf-litter on the soil surface in the northern Chihuahuan desert. *Southwestern Naturalist* 39(1): 78-82.
- MacKay, W.P., S.J. Loring, T.M. Frost, and W.G. Whitford. 1990. Population dynamics of a playa community in the Chihuahuan desert. *Southwestern Naturalist* 35(4): 393-402.
- Walter, D.E., J.C. Moore, and S.J. Loring. 1989. *Symphylellina* sp. (Symphyla: Scolopendrellidae) predators of arthropods and nematodes in grassland soils. *Pedobiologia* 33(2): 113-116.
- Loring, S.J., D.C. Weems, and W.G. Whitford. 1988. Diversity of surface-active Collembola along a watershed in the northern Chihuahuan desert. *Amer. Midl. Nat.* 119: 21-30.
- MacKay, W.P., S. Silva, S.J. Loring, and W.G. Whitford. 1987. The role of subterranean termites in the decomposition of above ground creosote litter. *Sociobiology* 13(3): 235-239.
- Loring, S.J. and D.R. Duncan. 1985. Fungal and insect participation in red bullet stem galls of white oak. *Entomol. News* 96: 148-150.
- Loring, S.J. 1985. Gamma radiation effects on Collembola. *Environ. Entomol.* 14: 805-809.
- Snider, R.J. and S.J. Loring. 1984. Occurrence and external morphology of proprioceptors (oval organs) among North American Sminthurinae (Collembola: Sminthuridae). *Annl. Soc. r. zool. Belg.* 114: 35-42.
- Loring, S.J. 1984. *Pseudachorutes (Pseudachorutes) orientalis* (Collembola: Hypogastruridae), new species from New York. *Gr. Lakes Entomol.* 17: 121-123.
- Loring, S.J. 1984. *Janetschekbrya epiphyta*, new species from Peru (Collembola: Entomobryidae). *Rev. Ecol. Biol. Sol.* 21: 563-566.
- Loring, S.J. and R.J. Snider. 1983. *Sminthurus sagitta*, new species from New Mexico (Collembola: Sminthuridae). *Fla. Entomol.* 66: 185-191.
- Snider, R.J. and S.J. Loring. 1982. *Sminthurus incognitus*, new species from Florida (Collembola: Sminthuridae). *Fla. Entomol.* 65: 216-221.
- Loring, S.J. 1981. Response of *Hypogastrura nivicola* (Collembola: Hypogastruridae) to variable relative humidity. *Pedobiologia* 22: 167-171.
- Loring, S.J., R.J. Snider, and L.S. Robertson. 1981. The effects of three tillage practices on Collembola and Acarina populations. *Pedobiologia* 22: 172-184.
- Loring, S.J. 1980. Extension of range for two species of Symphyla (Symphyla, Scolopendrellidae). *Entomol. News* 91: 15-18.

## BOOK CHAPTERS

Loring, S.J., W.P. MacKay, and W.G. Whitford. 1988. Ecology of small desert playas. pp. 89-113. IN: John L. Thames and Charles D. Ziebell (eds.). *Small Water Impoundments in Semi-Arid Regions*. University of New Mexico Press, Albuquerque. 162 pp.

## ABSTRACTS

Zak, J., D. Freckman, and S. Loring. 1988. Microfloral-microfaunal interactions within the root region of a desert bunchgrass. *Bull. Ecol. Soc. Amer.* 69: 352 (abstr.).

Loring, S.J., W.G. Whitford, J.C. Zak, and W.P. MacKay. 1986. The influence of wood rats (*Neotoma* spp.) on chemical and physical parameters of Chihuahuan and Sonoran desert soils. *Bull. Ecol. Soc. Amer.* 68:353 (abstr.).

Bowser, C. J., MacKay, B., and Loring, S., 1985. Chemical evolution of waters in a playa in the Chihuahuan Desert, New Mexico: Transactions, American Geophysical Union (EOS), v66, p 909 (abstr.).

MacKay, W., S. Loring, D. Peterson, C. Bowser, and T. Frost. 1985. Problems in the study of ephemeral aquatic systems in deserts: playa formation events at the Jornada Long-Term Ecological Study Site. *Bull. Ecol. Soc. Amer.* 66: 101 (abstr.).

## TRADE OR MAGAZINE PUBLICATIONS

Loring, S.J., F. Lammers, C. J. Phene. 2018. Providing growers practical applications for microirrigation technologies. *Irrigation Today* (Irrigation Association), vol. 2, no. 3, pp. 34-35.

## EDITOR

Major contributor and content advisor (Etymology) for Loring, D.W. (Ed.) 2015. *INS Dictionary of Neuropsychology and Clinical Neurosciences*, Second Edition. Oxford University Press.

Section editor (Etymology) for Loring, D.W. (Ed.) 1999. *INS Dictionary of Neuropsychology*. Oxford University Press.