

STEVEN J. LORING

SUMMARY OF EXPERIENCE

- Over 25 years administering agriculturally-related research
- Over 12 years performing and administering ecological field research
- Over 44 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 through December 2019

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
- Experiment Station Section Excellence in Leadership Award (Western Region), 2020

COMMITTEES, BOARDS, COMMISSIONS, AND COUNCILS

National

- Communications and Marketing Committee (ESCAP/ECOP/AHS), 2018 – present; incoming chair, March 2018; chair, March 2019; outgoing chair, March 2020 to March 2021
- 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 (ESCAP 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, 2018-2020
- W2008/W3008/W4008 [Onion Disease Prevention] (Administrative Advisor), 2015 – present
- W3188/W4188 [Soil Physics] (Administrative Advisor), 2015 – present
- W2128/W3128/W4128 [Microirrigation] (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 [Curly Top Virus Disease Prevention] (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

- LEADS 2025 Goal 3 Committee: Amplify Extension and Outreach; Subcommittee A: Develop an iterative process to plan, implement, assess, and modify a reporting system that will document Extension and outreach impacts across the NMSU system, 2019 – present
- 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 – 2020
- 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 – 2020
- 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 – 2018
- 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 – 2020
- 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). *Annls. 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.