

VITA
SCHOOL OF PUBLIC AND ENVIRONMENTAL AFFAIRS

NAME: **Lame** **Marc** **Louis**

EDUCATION:

1992	Ph.D.	Public Administration	Arizona State University
1981	M.S.	Entomology	Auburn University
1975	B.S.	Agriculture	The Ohio State University

Dissertation Title: A Study of the Diffusion of Integrated Pest Management in a Cotton Growing Community

ACADEMIC APPOINTMENTS

August 2012 **Director Masters of Science in Environmental Science (includes direction of the Dual MPA/MSES degree Programs)**

August 2010 **Associate Clinical Professor, IUBL, SPEA**

2004-2006 **Lecturer, IUBL, SPEA**

1994-2004 **Lecturer/Professional staff, IUBL, SPEA, Scheduling Officer, Dir. of Lilly Fellowship, Dir. Washington Leadership Program (fall 2001), Dir. Doctoral Student Services**

1991-1993 **Research Scientist, Arizona State University, Center for Environmental Studies Office of Hazards Studies.**

1981-1990 **Entomologist, University of Arizona, Cooperative Extension.**
 Responsible for the implementation of a pesticide reduction programs (Integrated Pest Management) for commercial agriculture. As a scientist, developed and demonstrated economically sound technologies designed to reduce chemical pesticide use in agricultural pest management. As an educator, conducted numerous seminars, guest lectures and served on graduate advisory committees, as well as, produced and hosted a local television program for the purposes of disseminating agricultural/environmental information.

OTHER APPOINTMENTS AND PROFESSIONAL CONSULTANTSHIPS:

2011-2013 Scholars in Global Citizenship Program in Vietnam, Director

2010-present **Federal Advisory Committee (FACA) - U.S. Environmental Protection Agency, Office of Pesticide Programs – Pesticide Programs Dialogue Committee**

2008-present **U.S. Health and Human Services (Centers for Disease Control) with the National Environmental Health Association – Serves as the national education coordinator for the development of the "Biology and Control of Insects and Rodents" workshop. This has become the NEHA-CERT Educational Series, a program that endeavors to provide environmental health professionals with convenient, affordable, and relevant continuing education.**

2007-2008 **Education Foundation of America Environmental Grant Project - Technical Reviewer for the Education Foundation of America Environmental Grant Project**

2007 **Ohio Department of Health - Analyzed a new children's environmental health regulation and conducted training for the Ohio Department of Health**

2006-2008 **U.S. Department of Agriculture - Advised on the promotion of the United States Department of Agriculture Pest Management Strategic Plan for implementing integrated pest management in**

schools. This Plan was completed and will be released nation-wide in January 2009. Served as an Advisor for the Integrated Pest Management Centers with the Western and North Central states.

- 2006-2008 **State of Indiana - Department of Health Services** - Participated in and instructed for the Indiana Joint Asthma Coalition with regard to the asthma risks associated with pests and pesticides
- 2006 **US Navy** - Environmental Award Nominations - judge the nominations for the Environmental Awards program this year. Pollution Prevention -Industrial Installation. There are five nominees in this category, two Marine Corps and three Navy.
- 2003-2004 **Indiana Army National Guard - Contractor** to develop and implement plans for the mandated implementation of IPM in all facilities
- 1996-present **USEPA, Office of Pesticide Programs – Sub-Contractor**
Developing policies, and many publications related to the implementation of IPM in schools and frequently present programs to/for the USEPA, state and tribal governments regarding how organizations might increase the adoption of IPM in schools and daycare facilities. Lead a US Environmental Protection Agency effort with the national coordination and implementation of Integrated Pest Management programs in schools (2008 focused on the - US Environmental Protection Agency Regions 5, 7, 8, 9 & 10). He has been the program manager for the initiation of school IPM programs in Arizona, Alabama, California, Indiana, Missouri, Nevada, Ohio, the Navajo Indiana Reservation, Utah and Washington, DC.
- 1990-1993 **Ombudsman for the Arizona Department of Environment Quality (ADEQ).** A senior administrative appointment to act as liaison to both the regulated public (industry, municipalities, and state and federal agencies) and environmental groups concerning their working relationships with ADEQ. Special assistant to the director as Tribal Liaison and educational outreach coordinator.

PROFESSIONAL SOCIETIES –

The Entomological Society of America
National Environmental Health Association

HONORS:

Recognition for "Outstanding contributions and Dedication in supporting the Control of Vectors and Public Health Pests"
CDC, National Center for Environmental Health, Div. of Emergency Environmental Health Services
National IPM Achievement Award - US Environmental Protection Agency and US Department of Agriculture's 5th National IPM Symposium
"Governor's Award for Excellence in Pollution Prevention"
USEPA Award of Recognition for the Regional and National Implementation of IPM in Schools
USEPA Partners for Environmental Stewardship Program Excellence Award for Pesticide Risk Reduction
Letter of commendation from the Deputy Administrator of the USEPA

TEACHING ASSIGNMENTS:

Public Management (Graduate),
Environmental Management (Graduate and Undergraduate),
Management Communication (Arts Administration and Undergraduate)
Insects and the Environment (Topics)
Capstone Seminar in Public and Environmental Management (Graduate).
Natural Resources Management and Policy (Graduate)

SERVICES:

University administrative service

SPEA scheduling officer - entails complying with the Office of the Registrar guidelines and due dates related to course offerings for four semesters. The scheduling officer is responsible for coordinating four program offices and five faculties with regard to course requirements-faculty assignments/semester

University committee service

2007-2008 Graduate Programs Scholarship Selection Committee
2007 -present IU Task Force on Campus Sustainability - Environmental Quality and Land Use Working Group

2002-present Washington Leadership Program Advisory Council
1997-present SPEA Scheduling Committee
1994-1996 SPEA Doctoral Admissions Committee

Student service -

Arranged and supervised paid environmental internships with IDEM, USEPA, the BIA, Bloomington Environmental Commission, non-profit and private sector firms for graduate and undergraduate students for the last ten years. Further, he has provided funding for graduate students as EPA contractors for the last three years and mentored a graduate student with the Campus Task Force on Sustainability. SPEA, Environmental Policy and Natural Resource Management and Environmental Management masters concentration advisor.

Public service

2001 Director, SPEA Washington Leadership Program, Washington, DC
2003-present The Indiana Department of Environmental Management's Asthma Advisory Council
2001-2011 Improving Kids Environment – Board Member
2000-present National Coordinator for USEPA School Integrated Pest Management implementation effort
2000-2005 Air Toxics Advisory Group, Indiana Department of Environmental Management,
2000 “Costs of Urban Sprawl in Monroe County”, Monroe County Commissioner Research Team, Member
2000 Technical Reviewer for HUD Home*A*Syst program
1999-2003 Advisor to the California IPM in Schools Alliance
1999-2005 Advisor to the Indiana Department of Environmental Management and Purdue University IPM in Children's Facilities Training Program
1998 Coordinator for USEPA's National IPM in Schools Workshop and Proceedings
1997-2005 Partners in Indiana's Environment (for the Indiana Dept. Of Environmental Management - Member
1996- 2001 State of Indiana's Pollution Prevention Board – Member
1995-1996 PESP (Pesticide Environmental Stewardship Program) grant principal – Implementing IPM in the Monroe County Community School Corporation
1992-93 The Governor of Arizona's Environmental Education Advisory Council - Chair
1992-93 Western Regional Environmental Education Council - Member
1992 U.S. Environmental Protection Agency/U.S. Department of Agriculture Institutional Constraints Resolution Team for the National Integrated Pest Management Forum
1991-93 Arizona State University, School of Agribusiness and Environmental Resources Advisory Council - Member
1991-93 Commission on the Arizona Environment Advisory Council - Member
1991-92 School Integrated Pest Management (USEPA grant) Steering Committee - Member
1991-92 Tax and Regulatory Committee of Arizona Strategic Planning for Economic Development (ASPED) - Member
1991-92 Agency Tribal Liaison to the Arizona Native American Communities
1990-93 Governor's Environmental Education Taskforce - Member
1990-93 Interagency Committee on Environmental Education - Vice-chair
1990-92 Interagency Coordinating Group on the Maryvale Cancer Cluster - Member
1990-93 Arizona Department of Real Estate, Committee on the Environment - Member

COMMUNITY SERVICE:

2010-present USEPA's Pesticide Program Dialogue Committee, Member
2003-2012 Indiana Joint Asthma Coalition (IDEM & IDH), Member
1999-2011 Improving Kids Environment (Children's Advocacy Non-profit Organization), Board Member
1995-1999 City of Bloomington, Environmental Commission, Commissioner
1989-1991 Chair, Arizona Supreme Court Foster Care Review Board

PROFESSIONAL ACTIVITIES:

SCHOLARLY PRESENTATIONS: (i.e. colloquia, seminars, symposia, conferences)

2014 “The Basics of IPM”, Invited Webinar Speaker, USEPA, Oct. 10.
2013 “Integrated Pest Management for Veterinary Practices”, Invited Speaker, American Veterinary Medical Association, Chicago, IL. July 20.

- 2013 “Making Sure Your Efforts are for Naught: Tools for Sustaining School IPM Programs”
2014 National Conference On Urban Entomology, May 18, San Antonio, TX
- 2012 “Center for Disease Control and Prevention’s ‘Biology and Control of Vectors and Public Health Pests: *The Importance of Integrated Pest Management*’: A Curriculum for Environmental Public Health Specialists”. 2012 National Conference On Urban Entomology May 20 - 23, 2012, Atlanta, GA
- 2012 “Control of Rocky Mountain Spotted Fever and Other Tick-Borne Diseases Through Integrated Pest Management and Animal Control”- Chandler, Arizona February 13– 15, 2012
- 2011- present Three Day Seminars - Biology and Control of Vectors and Public Health Pests: The Importance of Integrated Pest Management taught in Tucson, Fargo, Sacramento, Richardson, Boston, Anchorage, Tahlequah, Atlanta, Denver
- 2010 Indiana Healthy Homes & Child Care Conference: “Common Pests in Childcare Settings and How to Control The IPM Way. Indianapolis, IN. November 3-4.
- 2010 Oklahoma State University Entomology Department – Seminar: “Demand-side versus Supply-side IPM.
- 2010 Community Forum on Bed Bugs: “Community Bed Bug Management”. Bloomington, IN. September 27.
- 2010 American Structural Pest Control Regulator Organization: School IPM Panel Session. Charleston, WV. August 30.
- 2010 National Tribal School IPM Training Program: “The How and Why of School IPM”. Phoenix, AZ. July 20-21.
- 2010 “Integrated Pest Management”, “Vectors and Climate Change” and “Pests of Housing and Lodging”, Insect and Rodent Control Workshop National Environmental Health Association. Alexandria, VA. May 11-13.
- 2010 “Integrated Pest Management”, “Vectors and Climate Change” and “Pests of Housing and Lodging”, Insect and Rodent Control Workshop National Environmental Health Association. New Orleans, LA. January 26-28.
- 2009 “Integrated Pest Management” and “Pests of Housing and Lodging”, Insect and Rodent Control Workshop National Environmental Health Association. Spirit Lake, Iowa. September 21-23, 2010.
- 2009 “The Metrics of IPM and How They Are Developed: pesticide applications and cost and complaint rates.” International Symposium on Integrated Pest Management. Portland, OR. March 26, 2009
- 2009 “Integrated Pest Management” and “Pests of Housing and Lodging”, Insect and Rodent Control Workshop National Environmental Health Association
- 2009 “Integrated Pest Management” and “Pests of Housing and Lodging”, Insect and Rodent Control Workshop National Environmental Health Association & US Indian Health Service. Gallup, NM. March 10, 2009
- 2008 “Integrated Pest Management in Schools”, American Federation of Teachers Annual Indoor Environmental Quality Training. Albany, NY. June 23, 2008
- 2008 “Integrated Pest Management in Childcare Facilities”, Indiana Department of Environmental Management 5-Star Childcare Training. Indianapolis, IN. July 26, 2008
- 2008 “Pollution Prevention Begins at Home - Integrated Pest Management”, Indiana Department of Environmental Management Pollution Prevention Information Session. Indianapolis, IN. March 27, 2008
- 2008 “Integrated Pest Management (IPM) in Homes, Schools and Early Child Education: What is it and Consumer Responsibilities”, Indiana Department of Health Services and Improving Kids Environment Annual "Lead Safe" Conference. Indianapolis, IN. November 6, 2008
- 2008 “Pest Control for Indiana Child Care Facilities”, Indiana Early Childhood Conference. Indianapolis, IN. April 25, 2008
- 2008 “Tips for the EHS Professional Implementing Integrated Pest Management”, Indiana Environmental Health Association 58th Annual Fall Educational Conference. Florence, IN. October 1, 2008

- 2008 “Integrated Pest Management: Insect and Rodent Control”, Monroe County Health Department Public Employee Seminar. Bloomington, IN. September 19, 2008
- 2008 “Integrated Pest Management” and “Pests of Housing and Lodging”, Insect and Rodent Control Workshop National Environmental Health Association Annual Meeting, Tucson, AZ. June 20, 2008
- 2008 “Integrated Pest Management” and “Pests of Housing and Lodging”, National Environmental Health Association Regional Insect and Rodent Workshop. Saginaw, MI. October 22, 2008
- 2008 “IPM in Schools: strategies to capitalize on this “surveillance to prevention” opportunity”, National Institute for Occupational Safety and Health Pesticide Database Conference. Phoenix, AZ. January 24, 2008
- 2008 “Assessment and Implementation of IPM in Schools: Practical Implementation”, National Urban Entomology Conference. Tulsa, OK. April 24, 2008
- 2008 “Integrated Pest Management: Insect and Rodent Control”, Ohio Environmental Health Association Annual conference. Sandusky, OH. November 13, 2008
- 2008 “Assessment and Implementation of Integrated Pest Management Schools: Practical Implementation”, The US EPA 2008 National Schools Working Group Meeting. Reno, NV. November 20, 2008
- 2007 “Beyond the Pest Management Strategic Plan”, Entomological Society of America, Annual meeting. Co-presenters - Drs. Dawn Gough (U of AZ) and Tom Green (IPM Institute of NA), Fudd Graham (Auburn U). San Diego, CA. December 12.
- 2007 “A Pest Management Strategic Plan for IPM in Schools”. Co-presenters - Tom Green, IPM Institute of North America; Dawn H. Gouge & Al Fournier, University of Arizona; Marc L. Lame, Indiana University; Gretchen Pettis, University of Georgia; Sherry Glick, U.S. Environmental Protection Agency; Rick Melnicoe & Linda Herbst. San Diego, CA. December 12.
- 2007 “Pollution Prevention Begins at Home - Integrated Pest Management”. Indiana Department of Environmental Management Pollution Prevention Information Session. Indianapolis, IN. March 20.
- 2007 “Integrated Pest Management (IPM) in Homes, Schools and Early Child Education: What is it and Consumer Responsibilities” - Indiana Department of Health Services and Improving Kids Environment Annual "Lead Safe" Conference. November 18.
- 2007 “Integrated Pest Management: Why it’s Important for Public Health” - National Environmental Health Association Annual Meeting. Atlantic City, NJ. June 15
- 2007 “Back to Rachel Carson: a retrospective of Silent Spring appropriate to pesticide use in the US today” – Border’s Science Café. Bloomington, IN. February 15.
- 2006 “Measuring the Impacts of Implementing IPM programs in Schools”. **US Environmental Protection Agency and US Department of Agriculture’s 5th National IPM Symposium** Paper Presentation –St. Louis, MO. April 5.
- 2006 “Delivering on a Promise: Demonstration Models for the Successful Implementation of School IPM at the State Level” Norm Leppla, Dawn Gouge, Faith Oi, Fudd Graham, Earl Wellen – co-presenters. **Environmental Protection Agency and US Department of Agriculture’s 5th National IPM Symposium** Paper Presentation –St. Louis, MO. April 4.
- 2006 “The continuum of implementing; IPM in child sensitive facilities: Moving from schools to child care facilities”. **Entomological Society of America, Annual meeting**. Indianapolis, IN. December 11.
- 2006 “Chemical Management in Schools - Reducing Pesticides in Schools”. - Jerry Jochim, John Carter co-presenters. Children's Health Month webcast series. Webcast. December 19
- 2006 “Integrated Pest Management for the Organic Gardener.” Indiana Organic Gardener Association’s Gardening Naturally Seminar. Indianapolis, IN. October 21.
- 2006 “The Successful Implementation of IPM in Schools: Responsibilities and Recommendations for the Pest Management Professional”. Missouri Pest Management Association Annual Meeting. St. Louis, MO. December 8.
- 2006 “Integrated Pest Management: Why it’s Important for Public Health”. National Environmental Health Association Annual Meeting - San Antonio, TX. June 23.
- 2006 “Impact of a Verifiable IPM Model for Pilot Schools in Florida”. The Florida School Health Association Orlando, FL. June 2.
- 2006 "Better Ways to Implement Pesticide Reduction Programs in Schools". The National Pesticide Forum. Washington, DC. May 20.
- 2006 "The Successful Implementation of IPM: What it takes and how to measure it". US EPA Western Regions Pesticide Conference Whitefish, MT. May 18

- 2003 “Processes for Implementing IPM in Schools”. University of Washington Cooperative Extension Workgroup on School IPM,
- 2003 “National Strategies for the Successful Implementation of IPM in Schools”. The USDA/USEPA National IPM Symposium
- 2003 “Diffusing IPM in Tribal Schools”. Intertribal Council of Arizona. Phoenix, AZ
- 2002 “Convincing the Community to Adopt Pest Management Innovations and Advice”, Texas Structural Pest Control Commission - USEPA Pesticide Regulator Education Program.
- 2002 Purdue University Department of Entomology, “Convincing the Community to Adopt Entomological Innovations and Advice”
- 2002 “Pests in Tribal Schools”. Intertribal Council of Arizona, Phoenix, AZ
- 2002 Workshop Organizer and Facilitator – USEPA Workshop on the National Implementation of IPM in Schools, Washington, DC.
- 2001 Report to the USEPA Office of Pesticide Programs and Office of Children’s Environmental Health for the Adoption of an Implementation Plan for IPM in Schools
- 2001 “Status and Recommendations for the National Implementation of IPM in Schools”. Western Regional USDA/USEPA Workshop for State Lead Agency Directors, San Diego, CA
- 2000 “Status and Recommendations for the National Implementation of IPM in Schools”. Eastern Regional USDA/USEPA Workshop for State Lead Agency Directors, San Juan, PR
- 2000 “Implementing Workable Programs for the Reduction of Pesticides in Tribal Schools”. USEPA’s Tribal Pesticide Program Council, Washington, DC
- 1999 Report on Proceedings of the National School IPM Workshop. Entomological Society of America, Atlanta, GA
- 1999 How to Diffusion IPM in Public Schools. USEPA Workshop on Actions to Take for Children’s Health. Chicago, IL
- 1999 Status and Suggestions for the Implementation of IPM in Schools. USEPA Pesticide Regulator Education Program. Detroit, MI
- 1999 Implementing IPM in Public Schools. USEPA National Workshop on IPM in Schools. Washington, D.C.
- 1997 Politics and Logistics in the Implementation of School IPM. Symposium: IPM in Public Schools. Entomological Society of America. Nashville, TN.
- 1997 Communication Skills for Creative Conflict Management. Symposium: Teaching Effective Communication for Public Management.
- 1995 Combining Policy, Economic, and Management Analyses for the Development of IPM Recommendations to Public Schools. Entomological Society of America. Las Vegas, NV.
- 1992 Analyzing Cotton Community Communication Networks To Aid In The Adoption Of Integrated Pest Management. Beltwide Cotton Insect Control Conference, Nashville, TN.
- 1989 Innovation Diffusion in the Agricultural Industry - Western Social Science Association, Albuquerque, NM. Panel Chair.
- 1989 An Integrated Pest Management Program for the Boll Weevil, *Anthonomus grandis*, in Central Arizona. Beltwide Cotton Insect Control Conference, Nashville, TN.
- 1988 Technology Transfer and the Diffusion of Interactive Electronic Technologies Among Scientists - Symposium on Science Communication: Environmental and Health Research, Annenberg School of Communications, University of Southern California, Los Angeles, CA.
- 1988 Diffusion of IPM in Arizona Cotton Growers. International Communications Association, New Orleans, LA.
- 1987 Computer Programs Used in Entomology. Panelist, National Cotton Pest Management Seminar, Charleston, SC.
- 1987 The Voluntary Area-wide Boll Weevil Control Program. Entomological Society of America, Boston, MA.
- 1987 Diffusion of IPM in Arizona Cotton Growers. Western States Communication Association, Santa Barbara, CA.
- 1986 Components Used in the Implementation of Area-Wide IPM Programs. Invited Speaker, Entomology Department, Auburn University, Auburn, AL.
- 1985 Components Used in the Implementation of Area-Wide IPM Programs. Invited Speaker, Entomology Department, Oklahoma State University, Stillwater, OK.

PUBLICATIONS:

TEXTS:

Lame, M. L., 2004 "A Worm in the Teacher's Apple". Manuscript in publication.

Lame, M. L. 1997. "Matching Pesticide Use and the IPM Concept". Chapter in New Developments in Entomology. K. Bondari, ed. (Research Signpost, Trivandrum, India).

Lame, M. L. 1996. "Communicating in the Innovation Process". Chapter in Handbook of Administrative Communication. J. Garnett & A. Kouzmin, eds. (Marcel Dekker, NY).

Lame, M. L. 2008. "IPM Adoption Process". Chapter in SCHOOL IPM 2015: Reducing Pest Problems and Pesticide Hazards in Our Nation's Schools. D. Gouge & T. Green, eds. (USDA, Strategic Plan).

RESEARCH REPORTS:

Lame, M. L., 2008 "Assessment and Implementation of Integrated Pest Management Schools: Practical Implementation", Proceedings of the 2008 National Conference on Urban Entomology. Proceedings of the 2008 National Conference on Urban Entomology

Whitford, F., Sadof, C., Fournier, A., Gibb, T., Lame, M., Reicher, Z., Flory, B., Corrigan, B., Blessing, A. 2008. "The Use of Pesticides Within Urban Integrated Pest Management Programs: A Guide for the Pest Management Professional". Refereed

D. H. Gouge, M. L. Lame, and J. L. Snyder. 2006. "Use of an Implementation Model and Diffusion Process for Establishing Integrated Pest Management in Arizona Schools", American Entomologist 52:3. Refereed

Lame, M. L. 1992. Dissertation: Diffusion of Technological Innovations "A Study of the Diffusion of Integrated Pest Management in a Cotton Growing Community"

Lame, M. and L. Moore. 1989. An Integrated Pest Management Program for the Boll Weevil (*Anthonomus grandis*), in Central Arizona. Proceedings of the Beltwide Cotton Production Research Conference.

Farr, C. and M. Lame. 1987. Cultural Control of the Boll Weevil in Laveen, Arizona. Beltwide Cotton Proceedings of the Production Research Conference.

Lame, M. L. 1981. Imported Fire Ant Control Compounds. Insecticide and Acaricide Tests Vol. 6.

PROFESSIONAL PUBLICATIONS:

Gouge, D. and M. Lame. 2015 Environmental Health Professionals Work the Bugs Out - School Integrated Pest *Journal of Environmental Health*

Lame, M. 2014, Educating Our Environmental Management Professionals, *Journal of Environmental Management*

Lame, M. 2007. *The Reduction of Asthma Triggers with Integrated Pest Management (IPM)* - in the Montana Department of Agriculture Asthma Newsletter

Moore, L., Watson, T. F., Lame, M., Rethwisch, M., and Dick, G. 1988, 1989. Insect Pest Management for Alfalfa. CES Bull. 8822.

Moore, L., Watson, T. F., Lame, M., Rethwisch, M., and Dick, G. 1988. Insect Pest Management for Field Corn, Sorghum and Small Grains. CES Bull. 8821

Moore, L., Watson, T. F., Lame, M., Rethwisch, M., and Dick, G. 1988, 1989, 1990. Insect Pest Management for Cotton. CES Bull. 8820

Moore, L. and M. Lame. 1986. Insect Pest Management for Cotton. CES Bull. 3538

Moore, L. and M. Lame. 1984. Early Season Boll Weevil Control. CES Bull. 8428

