

LORA MWANIKI-LYMAN

Areas of professional expertise include business and economic database development and management, reporting and analyzing economic and financial data, economic impact studies, U.S.-Mexico border economy, international trade, border infrastructure and cross-border flows.

EDUCATION

2002	M.S., Management in Finance, the University of Arizona
2002	M.S., Agricultural and Resource Economics, the University of Arizona
1996	B.S., Agricultural and Resource Economics, Egerton University, Kenya

EMPLOYMENT

2006 to present	Research Economist, Economic and Business Research Center, Eller College of Management, the University of Arizona
2004 - 2006	Senior Research Specialist, Office of Economic Development, The University of Arizona
2003 - 2004	Research Specialist, Office of Economic Development, The University of Arizona

TEACHING AND RESEARCH ASSISTANT EXPERIENCE

2001 - 2002	Graduate Research and Teaching Assistant, Finance Department, The University of Arizona
1999 - 2001	Graduate Research and Teaching Assistant, Agricultural and Resource Economics Department, The University of Arizona

OTHER EMPLOYMENT

1999 Internship	Intern, Finance Department, City of Tucson, Tucson, Arizona
1998	Sales Representative and Stores Manager, AMIRAN (Kenya) Ltd., Kenya
1997	Dissemination Officer and Personal Assistant to the Managing Director, Horticultural Center (Kenya) Ltd., Kenya
1995 Internship	Intern, Agricultural Finance Corporation, Nairobi, Kenya
1993 - 1996	Peer Counselor, Egerton University Health Care Project (EUHCP), a USAID funded Health Care Project, Egerton University, Kenya

RESEARCH CONTRIBUTIONS

- "Building Arizona's Future: Jobs, Innovation & Competitiveness, Uniqueness of Arizona (Chapter 11)," Background Report for the Ninety-Sixth Arizona Town Hall, April, 2010
- "Arizona's Economy" 2010, 2009, 2008 and 2007 quarterly newsletter historical tables, The University of Arizona Economic and Business Research Center
- "Arizona Economic Indicators Data Book," 2008 and 2007 Spring and Fall issues, The University of Arizona Economic and Business Research Center

- “Astronomy, Planetary and Space Sciences Research in Arizona, An Economic and Tax Revenue Impact Study,” Prepared for The Arizona Arts, Sciences and Technology Academy, Dr. Vera Pavlakovich-Kochi, Dr. Alberta H. Charney and Lora Mwaniki-Lyman, October 2007
- “The University of Arizona Economic and Tax Revenue Impact Fiscal Year 2004,” with Vera Pavlakovich-Kochi PhD., Alberta Charney PhD., and Sushila Umashanka PhD., The University of Arizona Office of Economic and Policy Analysis and Economics and Business Research Center, November 2005.
- “Arizona as a Border State – Competing in the Global Economy,” Eighty-sixth Arizona Town Hall Background Report prepared by the University of Arizona, June 2005.
- “Economic Indicators: Arizona-Sonora Region 2003, 2004” with Vera Pavlakovich-Kochi, Regional the University of Arizona Office of Economic Development, www.oed.Arizona.edu.
- “Arizona-Sonora Region’s Report Card 2003, 2004,” with Vera Pavlakovich-Kochi, The University of Arizona Office of Economic Development, www.oed.Arizona.edu.

RESEARCH ARTICLES

- “The Arizona-Sonora Border Region: A Review of Economic Integration along the Border,” with Dr. Alberta H. Charney for BBVA Compass, September 2009 and reprinted in Arizona’s Economy newsletter, January 2010, Winter Issue
- “Arizona Bankruptcies and Legislative Trends,” Arizona’s Economy newsletter, June 1, 2010, Summer Issue
- “Arizona’s 2009 Export Reflect Recessionary Environment,” with Ruth Christopherson, Arizona’s Economy newsletter, March 1, 2009, Spring Issue
- “Economic Recession and Trade through Arizona-Sonora Border Ports of Entry,” with Vera Pavlakovich Kochi, Ph.D., December 1, 2009.
- “U.S. Recession Affects Remittances to Mexico,” with Vera Pavlakovich-Koch, Ph.D., and Nguyen Ho. September, 2009.
- “Arizona Bankruptcies on the Rise,” Lora Mwaniki-Lyman, Arizona’s Economy newsletter, October 2008, Fall Issue
- “Arizona Exports by Metropolitan Statistical Areas,” with Valorie Hanni Rice, Arizona’s Economy newsletter, July 2008, Spring Issue
- “Arizona 8th in Mortgage Foreclosures,” Arizona’s Economy newsletter, October 2007, Fall Issue

PROJECTS

- *Forecasting Project Database Management*
Manage the daily upkeep of (upload, revise, manipulate and analyze) data and AREMOS databanks and prepare data for the economic forecast project, EBR publications and other projects. <http://www.ebr.eller.arizona.edu>
- *EBR Database Online, AUBER 2010 Award winning Database, 2008 to current.*
Managed, designed and coordinated the development of *EBR Database Online*. The SQL 2008 database generates one paged reports designed in SQL Server Reporting Services, a component of Microsoft Visual Studio 2010. The *EBR Database Online* report features include graphical representation of data with short analytical write-ups and data tables. In October 2010, the Database received an "Award of Excellence in Publications, Abstracts and Other Data Collections" from the Association of University Business and Economic Research (AUBER). http://www.ebr.eller.arizona.edu/datacenter/EBR_Database.aspx
- *Border Economy Program*
Co-director of the web based program that provides data, write-ups and research that inform policy-makers, entrepreneurs and the public on matters related to Arizona's economic relationships with Sonora and Mexico. Areas of special interest include trade, commodity flows, border infrastructure, tourism, border crossings, cross-border shopping, Mexican maquiladora sector, and trans-boundary industry clusters. http://www.ebr.eller.arizona.edu/arizona_border_region/
- *The State of Arizona Border Infrastructure Project, 2004-6.*
Designed, developed and managed the implementation of a web driven database application. BIP is a Strategic Initiative of the Arizona-Mexico Commission endorsed by former Governor Janet Napolitano in 2004. BIP provides information on Arizona's border infrastructure projects, their status, delivery process and funding mechanisms. Designed and published a brochure as a marketing piece for the BIP web site. <http://www.bip.arizona.edu>
- *Project Evaluation of the 2004 REU/ RET NSF funded summer program, May – Oct, 2004*
Supervised and managed the external evaluation of the University of Arizona Material Science Engineering Department 2004 REU/ RET NSF funded summer program of behalf ChangeLeaders Consulting and Research Group of Arizona Inc.

PROFESSIONAL PRESENTATIONS

- *Arizona-Sonora Border Economy: Interdependencies and Contributions to International Trade*, presented on October 8, 2010 to Greater Tucson Leadership Border Day Event and November 10, 2009 to Sunbelt World Trade Association (SWTA).
- *The State of Arizona Border Infrastructure Project* launch presentation, June 16, 2005 presented to the former Arizona Governor, Janet Napolitano, Arizona and Sonora government agencies and stakeholders at the Arizona-Mexico Commission plenary session hosted at the J.W. Marriott Star Pass Resort, Tucson, Arizona

- *Creating Composite Indexes using Principal Component Analysis,* presented on October 8, 2004 to students from ITESM Sonora, Mexico and the public at The Tucson Marriott University Park, Tucson, Arizona.

PROFESSIONAL AFFILIATES

2007 to present	Association of University Business and Economic Research (AUBER)
2007 – 2008	Appointed Professionals Advisory Council (APAC)
2004 – 2008	Arizona-Mexico Commission (AMC)

COMPUTER SKILLS

- *Microsoft Products:* SQL Server Reporting Services and SQL Server Integration Services components in Microsoft Visual Studio 2005 and 2010, SQL Server Management Studio 2005 and 2010, Visual Basics in Excel, Microsoft Office Word, Excel, Access, Visio, Project and PowerPoint®.
- *Desktop Publishing:* QuarkXPress, PageMaker, Adobe Illustrator, and Photoshop
- *Statistical Packages:* AREMOS, IMPLAN, TSP, SPSS®, SAS®/IML and SAS® regression procedures
- *Databases:* CRSP, COMPUSTAT, BLOOMBERG, EDGAR, Value Line, IMF database, WISER, BEA, INEGI, USITC, GlobalInsight Inc., and other Internet sources.

LANGUAGES

English (fluent), Kiswahili (native), Kiembu (native),

AWARDS

Graduate Assistantship, The University of Arizona, 1999–2002

ACTIVITIES

1999 – 2006	Field Hockey club member, The University of Arizona
1994	Junior World Cup, Spain - Kenya National Field Hockey Team Member
1990	All African Games, Zimbabwe - Kenya National Field Hockey Team Member
1990	Best Female Player - Kenya High Schools Field Hockey National Tournament
2001 – 2004	Ritmos Latinos Dance Group, The University of Arizona
1991 – 1996	Student Representative 1991 Agricultural Economics Class
1994	Student Representative, Project Management Committee (EUHCP)