

CURRICULUM VITAE

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EDUCATION

Institution	Degree	Year of Completion	Major Areas of Study
University of California at Davis	PhD	1999	Epidemiology
University of California at Davis	Master of Preventive Veterinary Medicine	1993	Veterinary Public Health
School of Veterinary Medicine, Córdoba, Spain	VMD	1984	Animal Health

PROFESSIONAL EXPERIENCE

4/2010-Present **Migrant Health Specialist**, Centers for Disease Control and Prevention, Division of Global Migration and Quarantine, U.S-Mexico Unit, San Diego, California

Liaison, coordinator, planner and project lead for domestic migrant health activities for CDC's Division of Global Migration and Quarantine. Responsibilities include assisting federal and state agencies in the development of pilot surveillance projects targeting migrant communities. Establish appropriate linkages with state and local agencies, universities, migrant clinics and non-governmental organizations to implement public health interventions to improve the health of migrant communities in the U.S.

Enhance public health surveillance and monitoring of migrant populations: catalyzed the

addition of migration-related variables to several CDC surveillance systems (e.g., National Notifiable Diseases Surveillance System, Listeria Initiative, Zika surveillance). Collaborated with CDC and HHS programs to analyze previously unpublished data on health issues affecting migrant populations. Coauthor of CDC guidance on HIV surveillance of migrants.

Epidemiologic studies: Oversee and provide technical assistance to the design and implementation of household surveys and qualitative data collection targeting migrant populations (e.g., immunization coverage survey of Mexicans in Los Angeles County, immunization attitudes and practices among indigenous Mexican migrants in San Diego County). Participated in US-Mexico dengue outbreak investigation.

Enhance emergency communication with Limited English proficient populations (LEP): SME for migrant and LEP populations in international public health emergencies' preparedness and response (e.g., Ebola epidemic, Zika virus epidemic). Lead development and piloting of Joint Information Center action plan for LEP populations.

Enhance availability of culturally and linguistically available education and communication materials in Spanish: participated in testing, adaptation and development of infographics on diverse health issues (e.g., tuberculosis, unpasteurized cheeses, vector-borne diseases)

Technical assistance: provided technical assistance to CDC programs on migrant health issues. Participated in WHO/CDC/IOM technical working group to develop and pilot population mobility mapping strategies and tools for Ebola-affected West African countries.

Mentoring and supervision: provides mentorship and supervision to Counsel of State and Territorial Epidemiologist (CSTE) and Epidemiologic Intelligence Service (EIS) fellows. Supervise health communication team at US-Mexico Unit. Supervise graduate student interns.

11/2008-3/2010 **Leader of Monitoring and Evaluation Team, Mesoamerican Health Initiative, Public Health Institute, Oakland.**

Develop a Multi-country Monitoring and Evaluation Plan: Main responsibility in coordinating with the Mexican National Institute of Public Health and other key stakeholders from eight countries participating in the Mesoamerican Health Initiative (Mexico, Guatemala, Belize, Honduras, Panama, Costa Rica, Nicaragua and El Salvador) in the development of a regional monitoring and evaluation plan for the Initiative. Tasks include: assessment of health information systems in the region, selection of indicators for monitoring and design and implementation of an impact evaluation study.

8/1999-11/2008 **Senior Epidemiologist, California Office of Binational Border Health (COBBH), California Department of Public Health, San Diego, and Imperial County Health Department, El Centro, Imperial County.**

Enhance binational collaboration: Work with U.S and Mexico federal, state, and local government and non-government organizations to enhance collaboration to address health

issues of mutual concern. Participated in the creation of the California-Mexico Public Health Collaborative. Participated in the U.S.-Mexico Lead Work Group, to guide the implementation of action plans address lead exposures from ceramic ware, candy, and home remedies.

Provide technical support: Provide technical support to state, federal, and local agencies and nongovernmental organizations on border and migrant health issues. Responsibilities include responding to data and information requests and providing input to official documents and reports. Also participate in outbreak investigations and community needs assessments.

Monitor community health: Main responsibility for coordinating the preparation of five comprehensive reports for the California Legislators and other stakeholders on border and migrant health issues in California. Assisted the Pan American Health Organization (PAHO) in the development of environmental health indicators for the California-Baja California border region.

Implement epidemiologic studies: Design and conduct research relevant to the mission of COOBH.

Coordinate surveillance programs: State Coordinator for Border Infectious Disease Surveillance (BIDS) Project in California (1999-2006). Supervised staff in San Diego and Imperial Counties and collaborated with federal and other state BIDS Project partners to conduct infectious disease surveillance in hospitals and clinics in the U.S.-Mexico border region. Lead epidemiologist for the Surveillance Workgroup for border infectious disease emergency preparedness in California (2001-2003).

8/1998-8/1999 **Fellow**, California Epidemiologic Investigation Service, California Department of Health Services, Sacramento.

Duties: Provided experience in epidemiology and public health practice to Vector-Borne Disease and Surveillance & Statistics Sections. Assisted local health departments in emergency outbreak and other field epidemiologic investigations. Evaluated rodent plague surveillance in California using GIS methodology.

10/1989-10/1991 **Research Assistant**, California Primate Research Center, Reproductive Biology Laboratory, UC Davis.

Duties: Conducted laboratory hormone studies on the female orangutan using EIA techniques. Implemented project on artificial insemination of orangutans in captivity.

12/1995-6/1996 **Veterinarian**, CEGENEX, Los Vilos, Chile.

Duties: Had responsibility for health care of selected goats in the first goat genetic center established in Chile. Collaborated with a team of experts on the design and implementation of development programs for small goat producers in Chile.

12/1992-11/1993 **Project Manager**, joint project FAO-UC Davis-University of Chile, Santiago, Chile.

Duties: Had primary responsibility in coordinating the project "Livestock Data Collection Evaluation and Trainer's Manual for Latin America." Design a Trainer's Manual and development of a pilot livestock health and production surveillance system in Chile.

9/1987-9/1988 **Veterinary Assistant**, Pets Unlimited Veterinary Hospital, San Francisco, CA.

Duties: Provided care and treatment of companion animals in a large veterinary hospital.

11/1984-5/1986 **Veterinarian**, Regional Veterinary Services, Sevilla, Spain.

Duties: Supervised a regional program for control and eradication of small-ruminant brucellosis. Duties included sampling, vaccinations, interviews with farmers, and supervision of four staff. Provided technical assistance in the establishment of government-supported dairy goat production cooperatives.

TEACHING EXPERIENCE

Faculty, Summer Institute in Migration and Global Health, U.C. Berkeley School of Public Health (2006-present). Faculty and member of planning committee for a week-long annual conference. Conduct workshops on “Methodologies to Study Migrant Populations” and “Data Sources on Migrant Health.”

Lecturer, SDSU Graduate School of Public Health and UC Berkeley School of Public Health Seminar in Migration and Global Health (2002-present), Global and Border Health Surveillance (2004-2007), International Health Epidemiology (2004-2007)

Faculty, Impact Evaluation for Population, Health and Nutrition Programs, National Institute of Public Health, Cuernavaca, Mexico, July 6-24, 2009

Adjunct Instructor, Los Angeles and Santiago, Chile, 1/1993-6/1993.

Participated in teaching a short course in epidemiology for 17 Chilean government veterinarians. Assisted in teaching post-graduate courses in epidemiology at the School of Veterinary Medicine, University of Chile.

Adjunct Instructor and translator, Decision-making course for directors of Animal Health Programs in Latin America (FAO/PAHO/IICA), Buenos Aires, Argentina, 6/1992-8/1992. Translated text from English to Spanish and participated in teaching the course.

COMMITTEES AND ADVISORY BOARDS

4/2013-present	CDC Joint Information Center Limited English Proficient Working Group
5/2011-present	CDC Health Literacy Working Group
5/2011-present	Migrant Health Working Group and Language Access Working Group at the CDC Office of Minority and Health Equity
6/2010-present	CDC NCEZID Health Disparities Committee
3/2009-12/2010	Public Health Trust Advisory Group
3/2007-9/2010	Health Initiative of the Americas Advisory Board, University of California Berkeley, School of Public Health
11/2000-12/2008	Technical Work Group of the U.S-Mexico Border Governors Conference, Health Worktable
4/2006-12/2008	Data Policy Advisory Committee, California Department of Public Health.

SHORT-TERM TRAININGS

- Respondent Driven Sampling Methods. January 4-8, 2013, New Orleans, Louisiana
- National Center for Health Statistics. NCHS Statistical Workshop on Tracking Health Indicators, San Diego, California, February 25-26, 2008. Participated in course development and as an instructor.
- Summer Institute on Migration and Health, Puebla, Mexico, 2006 and 2007. Collaborated with the California-Mexico Health Initiative and the Benemérita Universidad Autónoma de Puebla in Rapid Survey Statistical Methods, San Diego, California, May 26,30 and 31, 2006.
- Rapid Surveys for Community Assessment: Advanced Methods, San Diego, California, August 13-17, 2007.
- National Center for Health Statistics. Statistical Workshop: Tracking Health Indicators. Las Cruces, New Mexico, March 24-25, 2004.
- National Center for Health Statistics. Statistics and Evaluation Workshop: Healthy Gente and Healthy Border 2010.Tucson, Arizona, April 16-18, 2002.
- GIS and Public Health, Summer Institute for Public Health Practice, July 2-7, 2002. Northwest Center for Public Health Practice at the University of Washington

LANGUAGES: English (fluent), Spanish (fluent), French (basic)

PUBLICATIONS

Books and book chapters

Migration and Health: A Research Methods Handbook. *Editors:* Marc B. Schenker, Xóchitl Castañeda, Alfonso Rodriguez-Lainz. Publisher: University of California Press (October 2014)

Kohl, K.S., and Rodriguez-Lainz, A. Infectious disease surveillance for mobile populations. In: M'ikanatha N., Lynfield R., Van Beneden C., de Valk H (ed), *Infectious Disease Surveillance*, 2nd edn. Oxford, England: Wiley-Blackwell (2014)

Peer-reviewed manuscripts

Rodriguez-Lainz A, DeSisto C, Waterman S, Sovero Wiedemann M, Wright Moore C, Williams WW, Moser K. Influenza vaccination coverage among US-Mexico land border crossers: 2009 H1N1 pandemic and 2011–2012 influenza season. *Travel Medicine and Infectious Disease*. 27, (2019):99-103. <https://doi.org/10.1016/j.tmaid.2018.10.002>

Healy J, Rodriguez-Lainz A, Elam-Evans LD, Hill HA, Reagan-Steiner S, and Yankey D. Vaccination Coverage Among Foreign-Born and U.S.-Born Adolescents in the United States: Successes and Gaps — National Immunization Survey-Teen, 2012–2014. *Vaccines* (2018); 36(13):1743-1750

Rodriguez-Lainz A, McDonald M, Fonseca-Ford M, Penman-Aguilar A, Waterman SH, Truman BI, Cetron MS, Richards C. Collection of Race, Ethnicity, Language, and Nativity Information by Public Health Surveillance and Monitoring Systems in the United States: Gaps and Opportunities. *Public Health Reports* 2018 Jan/Feb;133(1):45-54

Escutia, G., McDonald, E., Rodríguez-Lainz, A. et al. Demographic and Travel Characteristics of Travel-Associated Zika Virus Infection Case-Patients in San Diego County, California (January 1, 2016–March 31, 2017). *J Community Health* (2018) 43: 566. <https://doi.org/10.1007/s10900-017-0453-1>

Rodriguez-Lainz A and Warren RC. Health Inequities in the Deep South: Data Collection and Inclusion Strategies for Culturally Diverse and Socially Disadvantaged Groups. Conference Proceedings “Examining Ethical and Other Implications for a Culture of Health in the Context of the Deep South.” (February 5th-8th, 2017) Pages: 84-99. National Center for Bioethics in Research and Health Care, Tuskegee University Tuskegee, AL 36088. Published online Feb 2018. Available at <http://tuskegeebioethics.org/wp-content/uploads/2018/01/Final-Copy-of-the-Proceedings-1-15-18.pdf>

Hung MC, Williams WW, Lu PJ, et al., Vaccination Coverage Among Adults in the United States, National Health Interview Survey, 2016 Published online (February 26, 2018): <https://www.cdc.gov/vaccines/imz-managers/coverage/adultvaxview/pubs-resources/NHIS-2016.html>

- Welton M, Rodriguez-Lainz A, et al. Use of lead glazed ceramic-ware and lead-based folk remedies in a rural community of Baja California, Mexico. *Global Health Promotion*, 2018; 25(1): 6–14
- Williams WW, Lu P, O'Halloran A, et al. Surveillance of Vaccination Coverage Among Adult Populations — United States, 2015. *MMWR Surveill Summ* 2017;66(No. SS-11): 1-32
- Sánchez-González L, Rodriguez-Lainz A, O'Halloran A, Rowhani-Rahbar A, Liang JL, Lu PJ, Houck PM, Verguet S, Williams WW. Factors Related to Pertussis and Tetanus Vaccination Status Among Foreign-Born Adults Living in the United States. *J Community Health* 2017 42(3), 573-582. DOI: 10.1007/s10900-016-0290-7
- Rodriguez-Lainz A, McDonald M, Penman-Aguilar A, Barrett DH. Getting Data Right and Righteous to Improve Hispanic or Latino Health. *Journal of Healthcare, Science and the Humanities* 2016;6(2):60-83
- Varan AK, Rodriguez-Lainz A, Hill HA, et al. Vaccination Coverage Disparities Between Foreign-Born and U.S.-Born Children Aged 19–35 Months, United States, 2010–2012J *Immigrant Minority Health* (2016). doi:10.1007/s10903-016-0465-4
- Moor MA, Fraga MA, Garfein RS, Harbertson J, Rodriguez-Lainz A, et al. Decreased Anemia Prevalence Among Women and Children in Rural Baja California, Mexico: A 6-Year Comparative Study. *Journal of Community Health*. First online: 08 February 2016 (pages 1-10)
- Williams WW, Lu P, O'Halloran A, et al. Vaccination Coverage Among Adults - United States, 2014. *MMWR Surveill Summ* 2016;65(No. SS-1): 1-36
- Dominguez K, Penman-Aguilar A, Chang MH, Moonesinghe R, Castellanos T, Rodriguez-Lainz A, Schieber R. Vital Signs: Leading Causes of Death, Prevalence of Diseases and Risk Factors, and Use of Health Services Among Hispanics in the United States -2009-2013. *MMWR Morb Mortal Wkly Rep* 2015;64:469-478
- Bemis K, Thornton A, Rodriguez-Lainz A, et al. Civil Surgeon Tuberculosis Evaluations for Foreign-Born Persons Seeking Permanent U.S. Residence. *J Immigr Minor Health*. 2015 Feb 13. [Epub ahead of print]
- Lu PJ, Rodriguez-Lainz A, O'Halloran A, Greby S, Williams WW. Adult vaccination disparities among foreign-born populations in the U.S., 2012. *Am J Prev Med*. 2014 Dec;47(6):722-33. doi: 10.1016/j.amepre.2014.08.009. Epub 2014 Oct 7.
- Jones SE, Pezzi C, Rodriguez-Lainz A, Whittle L. Health Risk Behaviors by Length of Time in the United States Among High School Students in Five Sites. *J Immigr Minor Health*. 2016 Feb; 18(1): 150–160.
- Nolen L, Haberling D, Scollard D, Truman R, Rodriguez-Lainz A, Blum L, Blaney D. Incidence of Hansen's Disease - United States, 1994-2011. *MMWR* 2014;63(43):969-972

Valles-Medina AM, Osuna-Leal AI, Martinez-Cervantes ME, Castillo-Fregoso MC, Vazquez-Erlbeck M, Rodriguez-Lainz A. Do Glazed Ceramic Pots in a Mexico-US Border City Still Contain Lead? *International Scholarly Research Notices*. Volume 2014 (2014), Article ID 474176, 5 pages. <http://dx.doi.org/10.1155/2014/474176>

Singh GK, Rodriguez-Lainz A, and Kogan MD. Immigrant Health Inequalities in the United States: Use of Eight Major National Data Systems. *Scientific World Journal*. 2013; 2013: 512313. Published online 2013 October 27

Rodriguez-Lainz A, and Osorio L. Binational Health Week, 1–16 October 2011: A Model of Cross-Border Collaboration for Migrant Health. *Clinical Infectious Diseases* 53(9):vi-vii (2011)

Garfein RS, Burgos JL, Rodriguez-Lainz A, Brodine S, et al. Latent tuberculosis infection in a migrant agricultural community in Baja California, Mexico. *J Immigr Minor Health*. 2011 Oct;13(5):940-7.

Albertorio J, Nortzon S, and Rodriguez-Lainz A, 2007. Diabetes at the border: a profile of hospitalization rates along the US-Mexico border region. *Preventing Chronic Disease: Public Health Research, Practice and Policy*. 4(2): 1-15

Kinde H, Mikolon A, Rodriguez-Lainz A, et al. Recovery of *Salmonella*, *Listeria monocytogenes*, and *Mycobacterium bovis* from Cheese Entering the United States Through a Noncommercial Land Port of Entry. *Journal of Food Protection*, Vol. 70, No. 1, 2007, Pages 47–52.

Harris NB, Payeur J, Bravo D, Osorio R, Stuber T, Farrell D, Paulson D, Treviso S, Mikolon A, Rodriguez-Lainz A., et al., Recovery of *Mycobacterium bovis* from Soft Fresh Cheese Originating in Mexico. *Applied and Environmental Microbiology*, Feb. 2007: 1025–1028.

Averhoff F, Zucker J, Vellozzi C, Redd S, Woodfill C, Waterman S, Baggs J, Weinberg M, Rodriguez-Lainz A, et al. 2006. Adequacy of surveillance to detect endemic rubella transmission in the United States. *Clinic Infect. Dis.* 43 Suppl 3:S151-7.

Garza A, Rodriguez-Lainz A, and Ornelas I, 2004. The health of the California region bordering the border. *Journal of Immigrant Health*, 6(3):137-144.

Weinberg M, Waterman S, Alvarez Lucas C, et al, 2003. The U.S.-Mexico Border Infectious Disease Surveillance Project: Establishing Bi-national Border Surveillance. *Emerging Infectious Diseases*, 9 (1): 97-102.

Arzt J, Rodriguez-Lainz A, Hird DW, Read DH, and Guarda G, 1999. Prevalence and risk factors for papillomatous digital dermatitis among dairy cattle herds in Region X, Chile. *Avances en Ciencias Veterinarias*, 14: 130-136.

- Rodriguez-Lainz A, Fritz CL, Husted S, Kramer V, and McKenna WR, 1999. Africanized Honey Bees: Animal and Public Health significance. *J. Am. Vet. Med. Assoc.*, 215:1799-1804.
- Rodriguez-Lainz, A, Fritz CL, Husted S, Kramer V, and McKenna W, 1999. Africanized Honey Bees in California: Public Health Aspects. *California Morbidity*, Nov., 1998.
- Rodriguez-Lainz A, Melendez Retamal P, Hird DW, and Walker RL, 1999. Farm- and host-level risk factors for digital dermatitis in Chilean dairy cattle. *Prev. Vet. Med.*, 37:87-97.
- Rodriguez-Lainz, A, Melendez Retamal, P, and Hird DW, 1998. Papillomatous digital dermatitis in dairy herds in Chile and evaluation of a screening test. *Prev. Vet. Med.*, 37: 197-207.
- Rodriguez-Lainz A, Hird DW, Kass PH, and Brooks DL, 1997. Incidence and risk factors for pododermatitis in rehabilitated raptors. *Prev. Vet. Med.*, 31:175-184.
- Argaez-Rodriguez F, Hird DW, de Anda JH, Read DH, and Rodriguez-Lainz A, 1997. Papillomatous digital dermatitis in a commercial dairy in Mexicali, Mexico: Incidence and effect on reproduction and milk production. *Prev. Vet. Med.*, 32:275-286.
- Rodriguez-Lainz A, Hird DW, Walker RL, and Read DH. 1996. Case-control study of papillomatous digital dermatitis in southern California dairies. *Prev. Vet. Med.*, 28:117-131.
- Rodriguez-Lainz A, Hird DW, Walker, R.L, and Read DH, 1996. Survey of papillomatous digital dermatitis in 458 California dairies. *J. Am. Vet. Med. Assoc.*, 209:1464-1467.
- Rodriguez-Lainz A, Urcelay S, and Carbajal A. 1994. Desarrollo piloto de un sistema de monitoreo sanitario-productivo porcino. *El Nuevo Cerdo*, 18:6-11.

Technical reports, manuals and guidance documents

- Centers for Disease Control and Prevention. Improving HIV Surveillance among Hispanic/Latino Migrant Communities in United States-Mexico Border States: Arizona, California, New Mexico and Texas (2014)
- Castañeda, X, Miller-Vostrejs, M. et al. *Best Practice Guidelines Outreach to Hard-to-Reach Populations: Emergency Preparedness*. Health Initiative of the Americas, UC Berkeley School of Public Health. 2010.
- Rodriguez-Lainz, A. (Contributor), 2010. *Border Lives: Health Status in the U.S-Mexico Border Region*. U.S-Mexico Border Health Commission, April 2010.

Davis, R., Luna, J., Rodriguez-Lainz, A., Sarriot, E. 2009. *The Rapid Household Survey: How to Obtain Reliable Data on Health at the Local Level*. ICF Macro: Calverton, MD; and Public Health Institute: Oakland, CA.

Simplified Epidemiologic Surveillance. Training Manual for Community Farmworkers (Spanish and English versions), 2005.

Web-based Pesticide Assessment Training module (2008): in collaboration with the California Environmental Protection Agency-Office of Environmental Health Hazard Assessment and Department of Pesticide Regulation, and the Center for Occupational and Environmental Health. Available at: <http://www.mededpesticide.org/>.

Simplified Epidemiologic Surveillance System. Developed Training Manuals for Community Farmworkers in Spanish and English (2005).