

Ramon Durazo-Arvizu, PhD

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PROFILE

Dr. Durazo-Arvizu, Associate Professor of Preventive Medicine and Epidemiology, has a strong background in mathematics and computer intensive statistical methods. He received his Ph.D. from the University of Arizona in Applied Mathematics, where he spent three years teaching mathematics and statistics courses.

MAJOR RESEARCH INTERESTS

- The analysis of time to an event data (Survival Analysis)
- Multivariate linear and logistic regression
- The genetics of hypertension
- The analysis of longitudinal data
- The combining of existing statistical methods with newer computing techniques, such as bootstrapping and approximate randomization tests, to arrive at models that provide a better fit of the association between body mass index and all-cause mortality.

EDUCATION

Bachelor of Science <i>Universidad Autónoma de Puebla, Puebla, México</i> Mathematics	1983
Master of Science <i>University of Texas at El Paso, El Paso, TX</i> Statistics	1987
Master of Science <i>University of Arizona, Tucson, AZ</i> Applied Mathematics	1990
Doctorate of Philosophy <i>University of Arizona, Tucson, AZ</i> Applied Mathematics	1994

RECENT PUBLICATIONS

1. Freeman VL, Johnson MP, Schafernak K, Patel VK, **Durazo-Arvizu R**, Keys LC. Racial differences in survival among men with prostate cancer and comorbidity at time of diagnosis. *American Journal of Public Health* 2004;94:803.
2. Lopes-Virella MF, Mironova M, Stephan E, Lopes-Virella MF, **Durazo-Arvizu R**, Virella G. Co Investigator of Simvastatin as an immunomodulator in Type 2 Diabetes. *Diabetes Care* 2004;27:908.
3. Freeman VL, Coard KCM, Wojcik E, **Durazo-Arvizu R**. Use of the Gleason System in international comparisons of prostatic adenocarcinomas in blacks. *Prostate* 2004;58:169.
4. Feinglass J, **Durazo-Arvizu R**, Lee C, Chang R, Feinglass J. Health status, arthritis risk factors, and medical care use among respondents with joint symptoms or physician diagnosed arthritis: Findings from the 2001 Behavioral Risk Factor Surveillance System. *Journal of Rheumatology* 2005;32:130.
5. Baker DW, Feinglass J, **Durazo-Arvizu R**, Witt WP, Sudano JJ, Thompson JA. Changes in health for the uninsured after reaching age-eligibility for medicare. *J Gen Intern Med* 2006.

6. Baker DW, Sudano JJ, **Durazo-Arvizu R**, Feinglass J, Witt WP, Thompson J. Health insurance coverage and the risk of decline in overall health and death among the near elderly, 1992-2002. *Med Care* 2006; 44(3):277-282.
7. Davis TC, Wolf MS, Bass PF, 3rd, Middlebrooks M, Kennen E, Baker DW, Bennett CL, **Durazo-Arvizu R**, Bocchini A, Savory S, Parker RM. Low literacy impairs comprehension of prescription drug warning labels. *J Gen Intern Med* 2006; 21(8):847-851.
8. Kramer HJ, Saranathan A, Luke A, **Durazo-Arvizu RA**, Guichan C, Hou S, Cooper R. Increasing body mass index and obesity in the incident ESRD population. *J Am Soc Nephrol* 2006;17(5):1453-1459.
9. Luke A, **Durazo-Arvizu R**, Cao G, Adeyemo A, Tayo B, Cooper R. Positive association between resting energy expenditure and weight gain in a lean adult population. *Am J Clin Nutr* 2006;83(5):1076-1081.
10. Wolf MS, Knight SJ, Lyons EA, **Durazo-Arvizu R**, Pickard SA, Arseven A, Arozullah A, Colella K, Ray P, Bennett CL. Literacy, race, and PSA level among low-income men newly diagnosed with prostate cancer. *Urology* 2006;68(1):89-93.
11. **Durazo-Arvizu RA**, Barquera S, Franco M, Lazo M, Seuc A, Orduñez P, Palloni A, Cooper RS. Cardiovascular diseases mortality in Cuba, Mexico, Puerto Rico and U.S. Hispanic populations. *Prevention and Control* 2006; 2:63-71.
12. Chang CH, Boni-Saenz AA, **Durazo-Arvizu RA**, Desharnis S, Lau DT, Emanuel LL. A System for Interactive Assessment and Management in Palliative Care. *J Pain Symptom Manage* 2007; Mar 23 online.
13. Luke A, Chavez N, Rolle I, Cao G, Flores M, Macias N, Barquera S, **Durazo-Arvizu RA**. Comparison of dietary patterns in the Mexican and Mexican-American populations. *Salud Publica de Mexico* 2007; 49:E107-E108.
14. Mosnaim GS, Sadowski LS, **Durazo-Arvizu RA**, Sharp LK, Curtis LM, Shalowitz MU, Shannon JJ, Weiss KB. Parental language and asthma among urban Hispanic children. *J Allergy Clin Immunol* 2007; 120:1160-5.
15. Rojo J, Batun-Cutz J, **Durazo-Arvizu R**. Inference Under Peakedness Restrictions. *Statistica Sinica* 2007; 17:1165-1189.

RECENT EXPERIENCE

Research Associate Professor Director, Office of Statistics and Data Management <i>Department of Biometry and Epidemiology</i> <i>Alcohol Research Center – Institute of Psychiatry</i> <i>Medical University of South Carolina</i>	2001-2002
Research Associate Professor <i>Feinberg School of Medicine</i> <i>Department of Medicine/Division of General Internal Medicine</i> <i>Center for Healthcare Studies</i> <i>Buehler Center on Aging</i> <i>Northwestern University</i>	2002-2005
Associate Professor and Head, Biostatistics Section <i>Department of Epidemiology and Preventive Medicine</i> <i>Loyola University Stritch School of Medicine</i>	2005-