

Enrique Ramirez

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PROFESSIONAL EXPERIENCE

EPIDEMIOLOGIST II

12/2002 – Present

Chicago Department of Public Health, Chicago, IL. / Immunization Program

Conduct surveillance and investigate cases of vaccine-preventable diseases in accordance with CDC guidelines, involved in survey development and implementation in various Chicago communities assessing immunization status in children, analyze morbidity and mortality data using SAS, STATA, EpiInfo and GIS, developed and maintain various databases in EpiInfo and Access, co-wrote SAS program to automatically import electronic lab reports eliminating need for data entry, annually complete CDC Pre-School Assessment Survey on all licensed daycare and headstart facilities in Chicago as well as a Population Estimates Survey used to determine CDC funding for childhood vaccines for City of Chicago. Lead epidemiologist during the 2004 - 2005 pertussis outbreak in Chicago. Point-of-Contact for a pilot test of CDC's Countermeasure and Response Administration (CRA) system used to monitor vaccine distribution and administration in the event of a pandemic flu public health event.

RESEARCH PROFESSIONAL

3/2002 – 12/2004

University of Chicago, Chicago, IL. / Department of Pediatrics

Research data manager for national study on childhood obesity. Generated random pediatrician sample to survey, coordinated mailings, created and maintained Excel database for purposes of tracking and follow-ups. Managed all aspects of data collection and management. Entered data in SPSS and performed preliminary analysis.

RESEARCH DATA COORDINATOR

1/2001 – 12/2001

Press, Ganey Associates, Inc., Chicago, IL. / Department of Client Services

Utilized proprietary patient satisfaction measurement tools, methodologies, and databases to generate reports on hospital patient satisfaction. Managed all aspects of data collection, and analysis using SPSS and SAS. Generated reports for hospitals in the US, Canada, and Australia. Generated norms for benchmark comparisons.

RESEARCH DATA ANALYST

4/2000 – 8/2000

SMG Marketing Group, Chicago, IL. / Healthcare Information Markets

Collected, managed, and analyzed demographic healthcare data in the acute care and extended care markets. Utilized direct surveying of healthcare facilities and communicated directly with state hospital associations. Cleaned data, ran queries and edit checks using Access. Maintained integrity of databases, tested customized software for clients and worked on special projects for Abbott Laboratories.

RESEARCH DATA COORDINATOR

8/1999 – 8/2000

Parkside Associates, Inc., Park Ridge, IL. / Department of Client Services

Now Press, Ganey Associates, Inc. Duties same as above. Member of a information & report storage improvement committee.

SOFTWARE APPLICATIONS

- Microsoft Office
- SPSS 11.5
- STATA 8
- SAS 9.1
- ClusterSeer 2.2.4
- CSurvey 1.5b
- DBMSCopy V8
- ESRI ArcMap 9.2
- SatScan 4.0.3
- EpiInfo 3.3.2
- SUDAAN 9
- EndNote 6
- TerraSeer 1.1.2
- JMP 7

EDUCATION & TRAINING

Oberlin College, Oberlin, OH. May 1997

B.A. Biopsychology.

ESRI, Inc.

- Advanced Analysis with ArcGIS, Chicago, IL. 7/11/2006 – 7/13/2006

TerraSeer, Inc.

- Advanced Space-Time Analysis Workshop for Public Health and Biosurveillance, Chicago, IL. 9/27/2005 – 9/30/2005

The Rollins School of Public Health at Emory University

- Epi Info 3.3.2: Developing Public Health Computer Applications Course, Chicago, IL. 8/29/2005 – 8/31/2005

UIC Summer Institute in Public Health, Chicago, IL. 6/28/2004 – 7/2/2004

- 6 contact hrs in “Epi Surveillance”
- 3 contact hrs in “Crisis Leadership”
- 3 contact hrs in “Public Health Law”
- 3 contact hrs in “Crisis Management”

Centers for Disease Control & Prevention - Training & Continuing Education

- 2.25 CEU – Epidemiology and Prevention of Vaccine-Preventable Diseases, Sessions 1-4 (1-25, 2/1, 2/8, 2/15, 2007)
- 2.25 CEU – Epidemiology and Prevention of Vaccine-Preventable Diseases, Sessions 1-4 (2/9/2006 – 3/2/2006)
- 2.25 CEU – Epidemiology and Prevention of Vaccine-Preventable Diseases, Sessions 1-4 (2/19/2003 – 3/10/2003)
- 3.0 CEU – 37th (March 2003) & 38th (May 2004) National Immunization Conference

SAS Institute, Chicago, IL.

- 1.8 CEU's – SAS Programming I: Essentials - June 2003
- 1.8 CEU's – SAS Programming II: Manipulating Data with the DATA Step – July 2003
- 1.8 CEU's – SAS Programming III: Advanced Techniques and Efficiencies – October 2007
- 1.8 CEU's – Multivariate Statistical Methods: Practical Research Applications – July 2004
- 1.2 CEU's – SQL Processing with SAS – October 2006

INTERNSHIPS & CONFERENCES

1. 41st CDC National Immunization Conference, March 2007, Kansas City, MO. *Presenter*
2. 12th Annual Infection Control Conference May 2007, Chicago, IL. *Attendee*
3. Presenting Data and Information: A One-Day Course Taught by Edward Tufte, October 3, 2006, Chicago, IL. *Attendee*
4. 11th Annual Infection Control Conference May 2006, Chicago, IL. *Attendee*
5. 16th Annual Scientific Meeting of the Society for Healthcare Epidemiology of America, March 18 – 21, 2006, Chicago, IL.
6. 2005 ESRI Health GIS Conference, October 23 – 26, 2005, Chicago, IL. *Attendee*
7. 10th Annual Infection Control Conference, May 2005, Chicago, IL. *Attendee*
8. 9th Annual Infection Control Conference, June 2004, Chicago, IL. *Attendee*
9. 38th CDC National Immunization Conference, May 2004, Nashville, TN. *Attendee/Presenter*
10. Preparedness & Response Conference: “From SARS to Monkey Pox to Bioterrorism, October 2003, Chicago, IL. *Attendee*
11. 43rd Annual Interscience Conference on Antimicrobial Agents & Chemotherapy, September 2003, Chicago, IL. *Attendee*
12. 37th CDC National Immunization Conference, March 2003, Chicago, IL. *Attendee/Volunteer*
13. Northwestern University Medical School, Chicago, IL. 8/2000 – 11/2000. Molecular Pharm. & Biological Chemistry. *Intern*
14. The University of Illinois at Chicago, Chicago, IL. 9/1997 – 12/1997. Section of Infectious Diseases. *Intern*
15. The Albert Einstein College of Medicine, Bronx, NY. 6/1997 – 8/1997. Department of Psychiatry. *Intern*
16. The University of Chicago, Chicago, IL. 7/1996 – 9/1996. The Brain Research Institute. *Intern*

PUBLICATIONS

1. **Ramirez E**, Bulim ID, Kraus JM, Morita JM. Use of public school immunization data to determine community-level immunization coverage. Public Health Rep 2006;121(2):189-21.
2. Watson JT, **Ramirez E**, Evens A, Bellini WJ, Johnson H, Morita JM. Measles immunization coverage determined by serology and immunization record from children in two Chicago communities. Public Health Rep. 2006;121(3):262-269.
3. Morita JM, **Ramirez E**, Trick WE. Effect of a school entry vaccination requirement on racial and ethnic disparities in hepatitis B immunization coverage levels. Pediatrics 2008;121:e547-e552.