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# CURRICULUM VITAE

Mark J. Lamias

## • ADDRESSES

- P.O. Box 190892, Atlanta, GA 31119
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## • EDUCATION

- M.S. Statistics Iowa State University, Ames, IA (all coursework completed, 2016; pending final oral thesis defense)
- B.S. Statistics & Political Science, University of Michigan, Ann Arbor, MI (2000)

## • ADDITIONAL TRAINING/EDUCATION/CERTIFICATIONS

- A Primer to Web Scraping with R Webinar Short Course by Simon Munzert. Association for Public Opinion Research, April 12, 2017.
- Causal Inference in Medicine & Public Health I, Course Number 140.664.81 (4 credits). Johns Hopkins University, Bloomberg School of Public Health, March 21, 2016 - May 13, 2016.
- Measuring Causal Effects in the Social Sciences by University of Copenhagen on Coursera via Coursera; Non-degree earning certificate program, earned April 2, 2016.
- Mixed Models for Longitudinal Categorical Outcomes. American Statistical Association, Continuing Education, Web-Based Lectures, July 16, 2015.
- Propensity Score Methods for Estimating Causal Effects in Pharmaceutical Research. American Statistical Association, Continuing Education, Web-Based Lectures, June 24, 2015.
- Using SAS and L<sup>A</sup>T<sub>E</sub>X to Create Documents with Reproducible Results. American Statistical Association, Continuing Education, Web-Based Lectures, June 4, 2015.
- Complex Survey Data Analysis using SUDAAN and SAS Survey Procedures by Donna Brogan, PhD. Emory University, Department of Biostatistics, March 11-13, 2015.
- Biostatistical Consulting Course (1 credit) and Computer Analysis of Complex Sample Survey Data (2 credits). Emory University, 2014.
- R Programming Certificate, Johns Hopkins University, Bloomberg School of Public Health via Coursera; Non-degree earning certificate, earned November 2, 2014.
- The Data Scientist's Toolbox Certificate, Johns Hopkins University, Bloomberg School of Public Health via Coursera; Non-degree earning certificate, earned November 2, 2014.
- Collaborative Institutional Training Initiative (CITI) Basic Course, Human Subjects Protection Curriculum. Emory University, Department of Biostatistics, September 9, 2014. Certificate Reference ID: 13866475.
- Data Analysis Certificate, Johns Hopkins University, Bloomberg School of Public Health via Coursera; Non-degree earning certificate program, 2013.
- Computing for Data Analysis Certificate, Johns Hopkins University, Bloomberg School of Public Health via Coursera; Non-degree earning certificate program, 2013.

## • CURRENT AFFILIATIONS

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- Statistical Consultant & Survey Methodologist Contractor, United States Centers for Disease Control and Prevention (CDC), National Center for Emerging & Zoonotic Infectious Diseases (NCEZID), Atlanta, GA
  - Statistical Consultant & Survey Methodologist Contractor, United States Centers for Disease Control and Prevention (CDC), National Center for Chronic Disease Prevention and Health Promotion (NCCDPHP), Atlanta, GA
  - Statistical Consultant & Survey Methodologist, Leidos, Inc. f/k/a Science Applications International Corporation (SAIC), Health Solutions Business Unit, Atlanta, GA
  - President, Chief Executive Officer & Owner, The Stochastic Group, Inc., Atlanta, GA
  - Graduate Student, Department of Statistics, Iowa State University, Ames, IA
  - Transient Graduate Student, Department of Biostatistics, Rollins School of Public Health, Emory University, Atlanta, GA
  - Transient Graduate Student, Johns Hopkins University, Baltimore, MD

- **SECURITY CLEARANCES/BACKGROUND CHECKS**

- National Agency Check with Inquiries (NACI) Clearance (through 2018).
- Georgia Weapons Carry License

- **EMPLOYMENT HISTORY**

- 2003 - Present: *Statistical Consultant & Survey Methodologist*; Leidos, Inc., f/k/a Science Applications International Corporation (SAIC), Atlanta, GA
- 2003 - Present: *President, Chief Executive Officer & Owner*; The Stochastic Group, Inc., Atlanta, GA
- 2001 - 2003: *Statistical Consultant*; Grizzard, Inc., A Subsidiary of Omnicom, Inc., Atlanta, GA
- 2000 - 2001: *Business Intelligence Analyst*; THINKologies, Inc. f/k/a Global eVentures, Inc., Atlanta, GA
- 1997 - 2000: *Research Assistant I*; University of Michigan, Institute for Social Research, Survey Research Center, Survey Methodology Program, Ann Arbor, MI
- 1998 - 1998: *Information Technology Consultant*; Black Hills Imaging Center, f/k/a Open MRI, Rapid City, SD
- 1997 - 1998: *Administrative Assistant & Medical Record Researcher*; Johnson, Eiesland, Huffman & Clayborne, LLP, Rapid City, SD
- 1994 - 1996: *Assistant to Senior Paralegal*; Gunderson, Palmer, Goodsell & Nelson, Rapid City, SD

- **PROFESSIONAL HONORS & AWARDS**

- U.S. Centers for Disease Control and Prevention's National Center for Emerging and Zoonotic Infectious Diseases Honor Award Nomination for Excellence in Emergency Response (Domestic): Pregnancy Risk Assessment Monitoring System (PRAMS) Zika Postpartum Emergency Response (ZPER) Team; for exemplary leadership and support of CDC's emergency response to the Zika epidemic in Puerto Rico. Presented March 28, 2017.
- U.S. Centers for Disease Control and Prevention's National Center for Emerging and Zoonotic Infectious Diseases Honor Award Excellence in Emergency Response (International). Presented March 24, 2016.
- U.S. Centers for Disease Control and Prevention, 65th Annual CDC & ATSDR Honor Award for Excellence in Program Delivery: Preparing Hospitals in the U.S. and West Africa for Ebola For rapid and exceptional development and delivery of Ebola infection control and patient care guidance and training. Presented March 24, 2015.

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- U.S. Centers for Disease Control and Prevention, 61st Annual CDC & ATSDR Honor Award for Outstanding Unit Citation for Public Health Service & Commissioned Corps.: *Listeria Monocytogenes* Outbreak Investigation Team, National Center for Emerging & Zoonotic Infectious Diseases; for exemplary performance in the nationwide epidemiological investigation of *Listeria Monocytogenes* infectious linked to whole cantaloupe which was the largest listeriosis outbreak in U.S. history. Presented August 10, 2013.
  - U.S. Centers for Disease Control and Prevention’s National Center for Emerging and Zoonotic Infectious Diseases Director’s Recognition Award for exemplary service, rapid and effective response to the largest outbreak of listeriosis in U.S. history, 2012.
  - U.S. Centers for Disease Control and Prevention’s National Center for Emerging and Zoonotic Infectious Diseases Director’s Recognition Award presented solely to Mark Lamias for outstanding support in response to a multi-state *Acanthamoeba Keratitis* outbreak investigation, 2011.
  - Science Applications International Corporation (SAIC), Information Technology and Network Solutions Group President’s Award for significant and noteworthy achievements in the category of Science & Technology, 2008.
  - U.S. Centers for Disease Control and Prevention’s Informatics Office Award for outstanding work and dedication to the Coordinating Center for Infectious Diseases’ Office of Informatics, 2008.
  - U.S. Centers for Disease Control and Prevention, Annual CDC Awards Ceremony award for exceptional productivity, professionalism, and teamwork in the investigation and control of a large national-international outbreak of fungal eye infections involving contaminated contact lens products, 2007.
  - U.S. Centers for Disease Control and Prevention, NCPDCID Awards Ceremony award for collaborative investigations and applied research of *Fusarium keratitis* associated with a contact lens cleaning solution to determine the underlying cause of product failure, 2007.
  - U.S. Centers for Disease Control and Prevention, Coordinating Center for Infectious Diseases Unit Commendation Award, for exceptional productivity, rapid response, and exemplary teamwork while investigating an outbreak of acute histoplasmosis among workers at an industrial corn processing plant in Nebraska, 2006.
  - U.S. Centers for Disease Control and Prevention, Hurricane Katrina Response Team – Annual CDC Awards Ceremony: For exceptional dedication and service in response to Hurricane Katrina, 2006.
  - U.S. Centers for Disease Control and Prevention, National Center for Infectious Diseases honorary award for outstanding work in Information Services for the Division of Global Migration and Quarantine, 2006.
  - U.S. Centers for Disease Control and Prevention, National Center for Infectious Diseases honorary award for outstanding work in Public Health Epidemiology and Laboratory Research, 2005.
  - U.S. Centers for Disease Control and Prevention, National Center for HIV, STDs, and Tuberculosis honorary award for development of a state-of-the-art web based survey application for the annual STD Laboratory Methods Survey, 2004.

• **JOURNAL ARTICLES, BOOK CHAPTERS**

- D’Angelo, Denise V.; Salvesen von Essen, Beatriz; Lamias, Mark J., et al. Measures taken to prevent Zika virus infection during pregnancy — Puerto Rico, 2016. *MMWR Morbidity and Mortality Weekly Report* 2017; 66:574-8, doi: <http://dx.doi.org/10.15585/mmwr.mm6622a2>.
- Leshnower, Bradley G., Thourani, Vinod H., Halkos, Michael E., Sarin, Eric L., Keeling, William B., Lamias, Mark J., Guyton, Robert A., and Chen, Edward P. Moderate vs Deep Hypothermia with Unilateral Selective Antegrade Cerebral Perfusion for Acute Type A Aortic Dissection. 2015. *Annals of Thoracic Surgery*, forthcoming. <http://dx.doi.org/10.1016/j.athoracsur.2015.05.032>.

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- Harvey, Kira, Jentes, Emily S., Charles, Myrna, Johnson, Katherine J., Peterson, Brett, Lamias, Mark J. et al. (2014). Possible Rabies Exposures in Peace Corps Volunteers, 2011. *The American Journal of Tropical Medicine and Hygiene*, 90 (5), 2014, 902-07, doi: 0.4269/ajtmh.13-0521.
  - Jentes, Emily S., Blanton, Jesse D., Johnson, Katherine J., Peterson, Brett W., Lamias, Mark J., et al. (2013). The Global Availability of Rabies Vaccine in Clinics Providing *Indirect* Care to Travelers. *Journal of Travel Medicine*, doi: 10.1111/jtm.12085.
  - Jentes, Emily S., Blanton, Jesse D., Johnson, Katherine J., Peterson, Brett W., Lamias, Mark J., et al. (2013). The Global Availability of Rabies Vaccine in Clinics Providing *Direct* Care to Travelers. *Journal of Travel Medicine*, doi: 10.1111/jtm.12024.
  - McNeil MM., Arana, J., Stewart B., et al. (2012). A cluster of nonspecific adverse events in a military reserve unit following pandemic influenza A (H1N1) 2009 vaccination-possible stimulated reporting? *Vaccine* 30 (14), 2421-6.
  - Loustalot, Fleetwood, Silk, Benjamin, Gaither, Amber, et al. (2011). Household Transmission of 2009 Pandemic Influenza A (H1N1) and Nonpharmaceutical Interventions among Households of High School Students in San Antonio, Texas. *Clinical Infectious Diseases*, 52 (suppl 1): S138-S145.
  - Katz, Mark A., Lamias, Mark J., Shay, David K., and Timothy Uyeki (2009). Use of rapid tests and antiviral medications for influenza among primary care providers in the United States.” *Influenza and Other Respiratory Viruses* 3 (1), 29–35.
  - Leadbetter S, Ryerson AB, Ehemann C, Blackman D, Royalty J, Lamias M. (2006). Sampling strategies for surveillance systems: Program evaluation involving rare outcomes. *American Journal of Epidemiology*; 163 (11): S188.
  - Safranek, T., Beecham, B., King, B., Burr, G., Lamias, M., et al. Centers for Disease Control and Prevention. Outbreak of Histoplasmosis Among Industrial Plant Workers — Nebraska, 2004, November, 5 2004. *MMWR Morbidity and Mortality Weekly Report* 2004;53:1020.
  - Couper, Mick P., Traugott, Michael W., and Mark J. Lamias (2001). Web Survey Design and Administration. *Public Opinion Quarterly*, 65 (2).
  - Couper, M.P., Traugott, M., and Lamias, M. (2001), Web Survey Design and Administration. *Public Opinion Quarterly*, 65 (2): 230-253. Reprinted in M. Bulmer (ed.), *Questionnaires, Volume Four*. London: Sage.
  - Crawford, S., Couper, M.P., and Lamias, M. (2001), Web Surveys: Perceptions of Burden. *Social Science Computer Review*, 19 (2): 146-162.
  - Singer, Eleanor, Corning, Amy, and Mark Lamias (1998). Genetic Testing, Engineering and Therapy: Awareness and Attitudes. *Public Opinion Quarterly*, 62 (4) (Winter 1998): 633-64.

● **CONFERENCE PROCEEDINGS, PAPERS, AND PRESENTATIONS**

- Leshmower, Bradley G., Thourani, Vinod H., Halkos, Michael E., Sarin, Eric L., Keeling, William B., Lamias, Mark J., Guyton, Robert A., and Chen, Edward P. Moderate vs Deep Hypothermia with Unilateral Selective Antegrade Cerebral Perfusion for Acute Type A Aortic Dissection. 2015. Southern Thoracic Surgical Association 61st Annual Meeting, Tucson, AZ, November 5-8, 2014.
- Harvey, K., Jentes, E.S., Charles, M., Petersen, B., Johnson, K., Lamias, M.J., Blanton, J., Sotir, M., and Brunette, G. (2013). Frequency of and Responses to Potential Rabies Exposures in Peace Corps Volunteers, 2011. 13th Conference of the International Society of Travel Medicine: Maastricht, The Netherlands; May 19-23.
- Jentes, E.S., Blanton, J.D., Johnson, K.J., Petersen, B.W., Lamias, M.J., Robertson, K., Franka, R., Muhm, D., Rupprecht, C.E., Marano, N., and Brunette, G. The Global Availability of Rabies Immune Globulin and Rabies Vaccine: A Survey of U.S. Embassy Medical Personnel. 13th Conference of the International Society of Travel Medicine: Maastricht, The Netherlands; May 19-23.

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- Lamias, Mark J (2013). Designing Effective Surveys Optimized for the Web. SAIC Public Health Seminars, Atlanta, GA; August 16.
  - McNeil, M., Arana, J., Stewart, B., et al. (2011). A Cluster of Nonspecific Adverse Events In a Military Reserve Unit Following H1N1 Pandemic Influenza Vaccination – Possible Stimulated Reporting? Poster presented at the 45th National Immunization Conference, Washington, D.C.; March.
  - Schroeder, B., Gershman, M., Ostroff, S., et al. (2009). An On-site Survey of Yellow Fever Vaccination Clinic Practices — Pennsylvania, USA, 2008. Poster presented at the American Society of Tropical Medicine and Hygiene, Washington, D.C.; November.
  - Gershman, M., Schroeder, B., Ostroff, S., et al. (2009). Knowledge and Practices Among Yellow Fever Vaccine Providers and Clinics — Pennsylvania, 2008. Poster presented at the American Society of Tropical Medicine and Hygiene, Washington, D.C.; November.
  - Morgan, Oliver, Lamias, Mark J., Stamper, John, et al. (2008). Internet Communications for an International Study of Schistosomiasis. Paper presented at the 2008 Public Health Information Network Conference, Atlanta, GA; August.
  - Kutty Preeta K., Lamias Mark J., Murphy TV, et al. (2007). A nationwide assessment of pertussis and pertussis exposures in acute-care hospitals, United States, 2003–2005. Paper presented at the 17th Annual Scientific Meeting of the Society for Health Care Epidemiology of America, Baltimore, Maryland; April.
  - Lamias, Mark J. (2006). Web-based Epidemiologic Data Collection. Paper presented at the Public Health Information Network (PHIN) Conference, Atlanta, GA.
  - Lamias, Mark J., and Brian Santucci (2004). Managing infectious disease outbreak with rapid and secure surveys and analysis. Paper presented at the 2004 SPSS Directions User’s Conference. Las Vegas, NV, October.
  - Crawford, S., Couper, M.P., and Lamias, M. (2000), Web Surveys: Perceptions of Burden. Paper presented at the annual meeting of the American Association for Public Opinion Research, Portland, OR, May.
  - Traugott, M., Couper, M.P., and Lamias, M. (2000), Experiments on the Design of Web Surveys. Paper presented at the Fifth International Conference on Logic and Methodology, Cologne, October.
  - Couper, Mick, Hansen, Beatty, Paul, Hansen, Sue Ellen, Lamias, Mark, and Theresa Marvin (2000). Screen Design for Blaise for Windows. Paper presented at the 1999 Blaise User’s Conference in Cork, Ireland, April.
  - Lamias, Mark J. (2000). A Skip Lot Sampling Plan Based on Variance Components for Photolithographic Registration Measurements: Explanation of Findings from a Paper by Dwayne Pepper, Intel. Ann Arbor, MI, March.
  - Couper, M.P., Traugott, M., and Lamias, M. (1999), Effective Survey Administration on the Web. Paper presented at the Midwest Association for Public Opinion Research, November.

• **CONSULTING EXPERIENCE/CONSULTING PROJECTS**

- 2016-Present, U.S. Centers for Disease Control and Prevention’s Puerto Rico Zika Postpartum Emergency Response Survey (CDC PR-ZPER) Role: Lead Survey Methodologist, Statistical Consultant.
- 2015-, Identifying the Impact of Computerized Patient Order Management Systems on Mortality and Length of Stay, Christus Healthcare System. Role: Lead Statistical Consultant.
- 2015-, NIH Grant Proposal, Identifying and Managing Medicaid Super-Utilizers for MediQuire, New York, NY. Role: Lead Statistician.

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- 2014-2015, Cryptosporidiosis: Diagnostic Laboratory and Reporting Practices in the United States: A descriptive survey to determine factors contributing to the ongoing, persistent increase in cryptosporidiosis incidence rates from 2009–2012 in the United States. Division of Foodborne, Waterborne, and Environmental Diseases, Healthy Water Branch. Principal Investigator: Julia E. Painter, PhD, MPH. Role: Lead Statistician and Survey Methodologist.
  - 2014-2015, Assessing the Economic Burden of Lyme Disease in the U.S.: Cost of Lyme Disease (COLD) Study: A prospective, descriptive, cost of illness study on Lyme disease (LD). Division of Vector-Borne Diseases (DVBD), Bacterial Diseases Branch. Principal Investigator: Alison F. Hinckley, PhD. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2014-2015, HHS National Blood Collection and Utilization Survey. Division of Healthcare and Quality Promotion, Office of Blood, Organ, and Other Tissue Safety. Principal Investigator: Sridhar V. Basavaraju MD, FACEP. Role: Lead Survey Methodologist and Statistical Consultant.
  - 2012-2015, Bait Box Intervention: A prospective, blinded, placebo-controlled trial to evaluate the efficacy of commercially available, rodent-targeted bait boxes to prevent Lyme and other tick-borne diseases in humans. Division of Vector-Borne Diseases (DVBD), Bacterial Diseases Branch. Principal Investigator: Alison F. Hinckley, PhD. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2012-2013, Rapid Assessment of Emergency Tick Prevention Efforts on the San Carlos Apache Reservation Following an Epidemic of Rocky Mountain Spotted Fever, AZ. Division of Vector-Borne Diseases (DVBD), Rickettsial Zoonoses Branch. Principal Investigator: Jennifer Mcquiston, DVM, MS, DACVPM. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2012-2013, National Public Health Improvement Initiative Grantee Technical Assistance Satisfaction Survey. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2012, Epidemiological Study of Health Effects Associated With Low Pressure Events in Drinking Water Distribution Systems. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2011-2014, CDC Water and Health Study. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2011-2014, Possible rabies exposures in Peace Corps volunteers, 2011. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2011-2013, The global availability of rabies immune globulin and rabies vaccine in clinics providing direct care to travelers. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2011-2013, The Global Availability of Rabies Immune Globulin and Rabies Vaccine in Clinics Providing Indirect Care to Travelers. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2011-2012, Lyme and Other Tickborne Diseases Prevention Study (LTDPS) A multi-state prospective, blinded, placebo-controlled trial of 2500 households to evaluate the efficacy of a single spring-time application of commercially available, EPA-registered acaricide (bifenthrin) to prevent Lyme and other tickborne diseases in humans. Division of Vector-Borne Diseases (DVBD), Bacterial Diseases Branch. Principal Investigator: Alison F. Hinckley, PhD. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2011-2012, A Multi-State Outbreak Investigation of Acanthamoeba Keratitis. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2011-2012, Enhanced acute febrile illness surveillance for dengue in persons seeking care at AMISOM health facilities in Mogadishu, Somalia. Lead Statistical Consultant & Survey Methodologist.
  - 2011, Outbreak Investigation of Listeria in Cantaloupe's. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2011, A Multi-State Outbreak Investigations of Listeria monocytogenes among Wedding Reception Attendees in Grand Rapids MI. Role: Statistical Consultant & Survey Methodologist.

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- 2010-2013, A cluster of nonspecific adverse events in a military reserve unit following pandemic influenza A (H1N1) 2009 vaccination-possible stimulated reporting? Role: Lead Survey Methodologist.
  - 2010, Arkansas Department of Health & CDC Survey of H1N1 School-located Vaccination (SLV) efforts. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2009-2011, Household transmission of 2009 pandemic influenza A (H1N1) and non-pharmaceutical interventions among households of high school students in San Antonio, Texas. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2009-2011, Evaluation of CDC Travelers' Knowledge, Attitudes and Practices Relating to Travel Medicine. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2009-2010, National Association of County and City Health Officials (NACCHO)-CDC H1N1 Nonpharmaceutical and Other Interventions Survey. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2009, Investigating an Outbreak of Diarrhea and Vomiting Aboard the Norwegian Jewel Cruise Ship. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2009, Outbreak Investigation of Human Metaneumovirus (hMPV) in Georgia. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2009, Outbreak Investigation of H1N1 at the University of Delaware. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2008-2014. Yellowstone National Park Backcountry Study Study of Illness and Injury among Backcountry Users. Role: Co-investigator, Statistical Consultant & Survey Methodologist.
  - 2008-2012, Organ Transplant Infection Prevention Project (OTIP). Role: Statistical Consultant & Survey Methodologist.
  - 2008-2009, CDC Influenza study Among International Airport Travelers in Los Angeles, San Francisco, Chicago, and New York. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2008-2009, CDC Study of the Risk of Schistosomiasis among recreational users of the Nile River in Uganda. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2008, Knowledge and Practices Among Yellow Fever Vaccine Providers and Clinics. Role: Statistical Consultant & Survey Methodologist.
  - 2008, The American Association of Colleges of Nursing & CDC Study of Immunization Practices and Policies Among Institutions that Educate Health Professionals. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2007, Health Hazard Evaluation/Technical Assistance and Emerging Problems in a Hartford, CT Office Building. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2006–2008, Clinical, Epidemiological, Histopathologic and Molecular Features of an Unexplained Dermopathy (a/k/a Morgellon's). Role: Statistical Consultant & Survey Methodologist.
  - 2005-2009, Use of rapid tests and antiviral medications for influenza among primary care providers in the United States. Role: Statistical Consultant & Survey Methodologist.
  - 2005-2006, National Breast and Cervical Cancer Early Detection Program Minimum Data Elements Study. Role: Statistical Consultant & Survey Methodologist.
  - 2005-2006, CDC Study of Pertussis in Healthcare Settings. Role: Statistical Consultant & Survey Methodologist.
  - 2005-2006, CDC Outbreak Investigation of Gastrointestinal Illness/Cyclosporiasis Among Passengers and Crew Members of a Cruiseship. Role: Statistical Consultant & Survey Methodologist.
  - 2005, Survey of Laboratory and Animal Care Personnel Working with Live Vaccinia Virus. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2004-2005, CDC and American Mosquito Control Association Municipal Mosquito Control Study for 2004. Role: Statistical Consultant & Survey Methodologist.

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- 2005-2005, Assessment of Vaccination, Prophylaxis, and Treatment of Influenza among U.S. Nursing Homes 2004-2005. Role: Lead Statistical Consultant & Survey Methodologist,
  - 2004, Hawkeye Influenza Study: Study of Influenza at the University of Iowa. Role: Lead Survey Methodologist.
  - 2005, NTCA genotyping study. Role: Lead Survey Methodologist,
  - 2004, CDC Outbreak Investigation of gastrointestinal illness/Cyclosporiasis Among Attendees of a Computer and Network Security Workshop and Exposition. Role: Lead Statistical Consultant & Survey Methodologist.
  - 2004, CDC Outbreak Investigation of Histoplasmosis Among Industrial Plant Workers in Nebraska. Role: Lead Statistical Consultant & Survey Methodologist.

#### • RESEARCH REPORTS

- Harvey, Kira, Jentes, Emily S., Charles, Myrna, Johnson, Katherine J., Petersen, Brett, Lamias, Mark J., Blanton, Jesse, and Gary Brunette (2013). Frequency of and Responses to Possible Rabies Exposures in Peace Corps Volunteers in 2011, July.
- Couper, M.P., Beatty, P., Hansen, S.E., Lamias, M., and Marvin, T. (2000), CAPI Design Recommendations. Report submitted to the Bureau of Labor Statistics. Contract Number J-9-J-0025, June.
- Hansen, Sue Ellen, Beatty, Paul, Couper, Mick P., Lamias, Mark, and Theresa Marvin (2000), The Effect of Computer Assisted Interview Screen Design on User Performance: Results of an Experiment. Report submitted to The Bureau of Labor Statistics. Contract Number J-9-J-0025, August.

#### • PROFESSIONAL ACTIVITIES

- Association for Public Opinion Research, Member
- American Statistical Association, Member

#### • SOFTWARE DEVELOPED

- 2013-2014, *Qualtrics2SRC*. Proprietary software package with graphical user interface which converts data from the Qualtrics survey software system to an in-house database developed for the Association for Public Health Laboratories (APHL). Languages: Visual Basic, R.NET, and R 2.15.2.

#### • PROGRAMMING LANGUAGES & SOFTWARE SKILLS

- Statistical & Mathematical Processing and Computation Languages/Software
  - \* SAS (including, but not limited to Base, Stat, Macro, IML, Graph, IntraNet, Share, Integration Technologies, Access, AF, EIS, OLAP Server, Secure)
  - \* R & R.NET
  - \* S-PLUS
  - \* Python
  - \* SPSS & SPSS Syntax
  - \* STATA
  - \* SUDAAN for complex survey samples
  - \* Matlab
  - \* Maple
- Database Management and Processing Languages/Software
  - \* Structured Query Language (SQL) & TransactSQL (T-SQL)



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- \* JSON
  - \* XML
  - General Programming Languages
    - \* C++
    - \* C#
    - \* Java
    - \* Javascript
    - \* Visual Basic (VB)
    - \* VBS
    - \* VB.NET
  - Survey Administration Programming Languages
    - \* Blaize
    - \* mrScriptBasic
    - \* Qualtrics
    - \* Zoomerang
    - \* Survey Monkey
  - Web and Internet Programming Languages and Technologies
    - \* HTML
    - \* XML
    - \* XPath
    - \* XSLT
    - \* PHP
    - \* ColdFusion

- **LANGUAGES**

- English
- Some Spanish
- Some Czech