

## **DOHYEONG KIM, Ph.D.**

The University of Texas at Dallas  
School of Economic, Political and Policy Sciences  
Public Policy and Political Economy Program  
Geospatial Information Science Program  
[dohyeong.kim@utdallas.edu](mailto:dohyeong.kim@utdallas.edu)

### **Educational History:**

Ph.D. in City and Regional Planning, August 8<sup>th</sup>, 2007, University of North Carolina at Chapel Hill, NC, USA,  
Major field of study: Health Planning and Policy.

Dissertation title: Strategy for determining vaccination user fees and locations: A case study in rural China,  
under the direction of Prof. Dale Whittington (funded by the Bill and Melinda Gates Foundation)

M.A. in Public Administration, August 25<sup>th</sup>, 1999, Yonsei University, Seoul, Korea,  
Major field of study: Health/Environmental Policy and Management

Thesis title: Estimating the damage of public hazardous facilities using the contingent valuation method: The  
case of a waste incineration site in Seoul, Korea, under the direction of Prof. Jong Soo Lee (funded by the SBS  
Seoam Scholarship Foundation)

B.A. in Public Administration, February 23<sup>rd</sup>, 1996, Yonsei University, Seoul, Korea (Magna Cum Laude)

### **Employment History – principal positions since the Bachelor's degree:**

Associate Professor, August 2013 – present (granted tenure in September 2015), Public Policy, Political  
Economy, and Geographic Information Sciences Programs, School of Economic, Political and Policy Sciences,  
University of Texas at Dallas, Richardson, TX, USA

Assistant to Associate Professor, August 2008 – July 2013, Department of Public Administration, North  
Carolina Central University, Durham, NC, USA

Post-doctoral Research Associate, July 2005 – August 2008, Children's Environmental Health Initiative,  
Nicholas School of the Environment, Duke University, Durham, NC, USA

Research/Teaching Assistant, August 2000 – May 2005, Department of City and Regional Planning, University  
of North Carolina, Chapel Hill, NC, USA

Researcher, October – December 1999, Regional Economies Division, Korea Research Institute for Human  
Settlements, Anyang, Korea

Research/Teaching Assistant, March 1997 – August 1998, Department of Public Administration, Yonsei  
University, Seoul, Korea

**Employment History – concurrent temporary or visiting appointments, consultantships:**

Consultant, May - August 2015, Korea National Park Research Institute

Consultant, May - August 2015, Korea Fire Safety Association

Consultant, May - June 2015, Ministry of Oceans and Fisheries, Government of Korea

Consultant, April - June 2015, Ministry of Drug and Food Safety, Government of Korea

Site Visit Coordinator, March 2015, Safe City Council and Government of Sejong City, Korea

Consultant, December 2014 – Jan 2015, Ministry of Science, ICT and Future Planning, Government of Korea

Consultant, September - December 2014, Ministry of Land, Infrastructure and Transport, Government of Korea

Visiting Instructor, September 2014, International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR, B), Dhaka, Bangladesh

Visiting Instructor, 2014-2015, Korean Social Science Data Archive Statistical Methods Training Program, Seoul, Korea

Visiting Instructor, 2014-2015, Dept. of Public Administration, Yonsei University Graduate School, Seoul, Korea

Consultant, Sep 2013 – Sep 2014, Ministry of Security and Public Administration, Government of Korea

Summer Visiting Instructor, June - July 2013, Hanyang University International Summer School, Seoul, Korea

Adjunct Research Professor, June 2011 – June 2013, The Environmental Health Center for Asthma, Korea University Medical Center, Seoul, Korea

Summer Visiting Instructor, 2010-2011, Graduate School of Policy Studies, Korea University, Seoul, Korea

Visiting Instructor, December 2010 – January 2011, Graduate School of Public Administration, Seoul National University, Seoul, Korea

Consultant/Supervisor, June 2001 – May 2005, Economics and Policy Team for the DOMI (Diseases of the Most Impoverished) Project, Fieldworks in Jakarta (Indonesia), Hue (Vietnam), Hanoi (Vietnam), Daxu (China)

**Professional recognitions and honors (study, teaching, research, service):**

Outstanding Teaching Comet Award, 2014, 2015, School of Economic, Political, and Policy Sciences, The University of Texas at Dallas

Research Travel Award, October 2012, NCCU Foundation, Inc.

Research Fellow, July 2011 – July 2012, Institute for Poverty Alleviation and International Development

Faculty Development Award, February 2011, Office of International Affairs, North Carolina Central University

Finalist for the Award for Teaching Excellence, January 2011, North Carolina Central University

Preparing Future Faculty Fellow, August 2007 – May 2008, Duke University Graduate School

New Investigators in Global Health (NIGH) Award, May 2008, Global Health Council  
Graduate Student Travel Award, October 2004, Graduate School, UNC at Chapel Hill

Student Travel Award, November 2002, Consortium on Development Studies

Scholarship for the Economics of Urban Sprawl and Land Use Change, June 2002, Donald Bren School of Environmental Science and Management, University of California at Santa Barbara

Superior Graduate Student Award, May 1998 – August 1999, SBS Seo-Am Academic Foundation  
Undergraduate Scholarships of Academic Excellence, 1990 -1996, Yonsei University

### **Professional memberships:**

American Public Health Association, 2005 - present  
American Society for Public Administration, 2008 - present  
Korean Association for Public Administration, 2009 - present  
International Society for Crisis and Emergency Management, 2009 - present  
Korean Association for Crisis and Emergency Management, 2010 - present  
Korean Association for Policy Studies, 2013 - present  
Association of American Geographers, 2014 – present  
Korean Police Studies Association, 2014 – present  
Triangle Global Health Consortium, 2011 - 2013  
Association of Public Policy Analysis and Management, 2004 - 2010  
Association of Collegiate Schools of Planning, 2002 - 2009  
Global Health Council, 2007 - 2008  
International Health Economics Association, 2005 - 2006

### **Achievements in original investigation:** (406 citations as of April 2015) (\*graduate student)

#### Articles in refereed journals

1. Seo S., **Kim D.** (corresponding author), Min S.\*, Paul C.\*, Yoo Y., Choung J., 2015, “GIS-based association between PM<sub>10</sub> and allergic diseases in Seoul: implications for health and environmental policy,” *Allergy, Asthma and Immunology Research*, forthcoming.
2. Kim, T., Hwang S., Seo S., **Kim D.**, 2015, “A study on developing cloud system for local governments,” *Journal of Korean Association for Regional Information Society*, 18(1):85-107.
3. **Kim D.**, Yang, G., Min S.\*, Koh C., 2014, “Social and ecological impact of the Hebei Spirit Oil Spill on the west coast of Korea: implications for compensation and recovery,” *Ocean & Coastal Management*, 102:533-544.

4. **Kim, D.**, Lauria D.T., Whittington D., 2014, "Selecting optimal prices and outpost locations for rural vaccination campaigns," *International Regional Science Review*, 37:436-458.
5. Seo, S., **Kim D.** (corresponding author), Paul C.\*, Yoo Y., Choung J., 2014, "Exploring household-level risk factors for self-reported prevalence of allergic diseases among low-income households in Seoul, Korea," *Allergy, Asthma & Immunology Research*, 6(5):421-427.
6. Wigfall, P., **Kim D.**, 2014, "A new direction in addressing the crisis in health care service delivery: a study of the sickness prevention achieved through regional collaboration," *Journal of Safety and Crisis Management*, 4(2):48-59.
7. **Kim, D.**, Lauria D.T., Poulos C., Dong B., Whittington D., 2014, "Effect of travel distance on household demand for typhoid vaccines: Implications for planning," *International Journal of Health Planning and Management*, 29(3):e261-276.
8. Lee, Y.\*, **Kim D.**, 2014, "Image Restoration Strategies Used in Public Apologies by President Lee MB and Park GH in Korea," *Journal of the Korean Association for Crisis and Emergency Management*, 6(1):1-18.
9. **Kim D.**, 2013, "Improving alternative designs for discrete choice models in estimating willingness-to-pay for public services," *Journal of Safety and Crisis Management*, 3(2):1-20.
10. **Kim, D.**, Fedak C.\*, Kramer R., 2012, "Reduction of malaria prevalence by indoor residual spraying: A meta-regression analysis," *American Journal of Tropical Medicine and Hygiene*, 87(1):165-170. (published as a featured article and widely circulated through the media)
11. **Kim, D.**, Miranda M.L., Tootoo J.L., Bradley P., Gelfand A., 2011, "Spatial modeling for groundwater arsenic levels in North Carolina," *Environmental Science & Technology*, 45(11):4824-4831.
12. Campbell, K.R.\*, Lawson T.\*, **Kim, D.** (corresponding author), 2011, "Eradication of food deserts through public policy: Case of Durham, North Carolina," *Journal of Safety and Crisis Management*, 1(2):23-30.
13. Poulos, C., Riewpaiboon A., Stewart J.F., Clemens J., Guh S., Agtini M., Sur D., Islam Z., Lucas M., Whittington D., Nyamete A., Malik R., Nadjib M., Chatterjee S., Macuamule A., Maskery B., Cook J., **Kim D.**, Lauria D., Jeuland M., 2011, "Cost of illness due to endemic cholera," *Epidemiology and Infection*, 18:1-10.
14. **Kim, D.**, 2011, "Saving national heritage: cost-benefit analysis for policy alternatives of protecting Cape Hatteras Lighthouse in North Carolina," *Journal of Safety and Crisis Management*, 1(1):17-34.
15. Poulos, C., Riewpaiboon A., Stewart J., Clemens J., Guh S., Agtini M., Anh D., Dong B., Bhutta Z., Sur D., Whittington D., Nyamete A., Malik R., Nadjib M., Yanning G., Canh D., Thiem D., Yen B., Maskery B., Cook J., **Kim D.**, Lauria D., Jeuland M., Chatterjee S., 2011, "Cost of illness due to typhoid fever in five Asian countries," *Tropical Medicine & International Health*, 16(3):314-323.
16. Miranda, M.L., Maxson P., **Kim D.**, 2010, "Early childhood lead exposure and exceptionality designations for students," *International Journal of Child Health and Human Development*, 3(1):77-84.

17. Miranda, M.L., **Kim D.**, Reiter J., Overstreet A., Maxson P., 2009, "Environmental contributors to the achievement gap," *Neurotoxicology*, 30:1019-1024.
18. Koo, J., Bae J., **Kim D.**, 2009, "What does it take to become a biotech hot spot?" *Environment and Planning C: Government and Policy*, 27:665-683.
19. **Kim, D.**, Overstreet M.A., Hull A., Miranda M.L., 2008, "A framework for widespread replication of a highly spatially resolved childhood lead exposure risk model," *Environmental Health Perspective*, 116(12):1735-1739.
20. Dong, B., Wu X., Yang J., Gong J., Wu X., Poulos C., **Kim D.**, Nyamete A., Clemens A., 2008, "Study on willingness to pay for typhoid Vi vaccine in Lingchuan County, Guangxi Zhuang Autonomous Region," *Chinese Journal of Vaccines and Immunization*, 14(6):481-484.
21. **Kim, D.**, Canh D.G., Poulos C., Thoa L.T.K., Cook J., Hoa N.T., Nyamete A., Thuy D.T.D., Deen J., Son N.D., Clemens J., Thiem V.D., Anh D.D., and Whittington D., 2008. "Private demand for cholera vaccines in Hue, Vietnam," *Value in Health*, 11(1):119-128.
22. Miranda, M.L., Keating M., **Kim D.**, Hull A.P., Paul C.J., Overstreet M.A., 2007, "Blood lead and water treatment: Miranda et al. respond," *Environmental Health Perspective*, 115(10):A488-A489.
23. Miranda, M.L., **Kim D.**, Overstreet M.A., Paul C.J., Hull A.P., Morgan S.P., 2007, "The relationship between early childhood blood lead levels and performance on end of grade tests," *Environmental Health Perspective*, 115(8):1125-1160. (published as a featured article)
24. Miranda, M.L., **Kim D.**, Hull A.P., Paul C.J., Overstreet M.A., 2007, "Changes in blood lead levels associated with use of chloramines in water treatment systems," *Environmental Health Perspectives*, 115(2):221-225.
25. Canh, D.G., Whittington D., Thoa L.T.K., Utomo N., Hoa N.T., Poulos C., Thuy D.T.D., **Kim D.**, Nyamete A., and Acosta C., 2006, "Household Demand for Typhoid Fever Vaccines in Hue, Vietnam," *Health Policy and Planning*, 21(3):241-255.

#### Books authored or co-authored

26. Lee, W., Kim N., Jung J., **Kim D.**, Park H., Bae K., Oh S., Lee S., Jeon Y., Chun H., Choi H., Choi H., *Lessons from other countries on social cohesion: in preparation for North-South Korean cultural community after reunification*, Ministry of Culture, Sports and Tourism in Korea, December 2012.
27. **Kim D.**, Kim Y., *The impact of information and communication technologies on employment environment in the U.S.*, National Information Society Agency, NIA II-PER-10002, August 2010.
28. Choi J., **Kim D.**, Cho Y., Yeon K., Kim S., Choi S., Hwang K., *A targeted screening policy for preventing childhood lead poisoning*, Seoul Metropolitan Council, January 2010.
29. Bergman, M., Erickson P., Shelton C., Daudon M., Shoaf M., Miranda M.L., **Kim D.**, Overstreet A., Hull A., Kalman D., Yost M., Ramaprasad J., Kissel J., Karr C., Ossiander E., West N., Peck N., Hepner N., Whitaker E., Bradley D., Abbett M., Bear S., *Lead hazards in housing: Childhood lead exposure in Washington's communities*, Community, Trade, and Economic Department, State of Washington, United States, December 2005.

Articles submitted for publication

30. **Kim, D.**, Malabika S., Vyas P. \*, “Role of spatial tools in public health policymaking of Bangladesh: opportunities and challenges,” revise and resubmit, *Journal of Health, Population and Nutrition*.
31. **Kim, D.**, Brown Z., Anderson R., Mutero, C., Miranda, M.L., Kramer R., “The value of information in decision-analytic modeling for malaria control in Africa,” revise and resubmit, *Risk Analysis*.
32. Bae, K. \*, **Kim D.**, “The impact of decoupling of telework on job satisfaction in U.S. federal agencies: does gender matter in decoupling of telework?,” under review, *Public Administration Review*.

Works in progress

33. **Kim, D.**, Pham A. \*, Paul C. \*, Yang G., “A meta-analysis for reduction of malaria prevalence by insecticide-treated nets,” in preparation for *Tropical Medicine and International Health*.
34. **Kim, D.**, “Comparing parcel versus zip code level targeted screening programs for childhood lead exposure,” in preparation for submission to *Public Health Reports*.
35. Brown Z., Kramer, R., Mutero C., **Kim D.**, Miranda M.L., Ameneshewa B., Lesser A., “Stakeholder-driven implementation of a decision analysis support tool for sustainable malaria control,” in preparation for submission to *Environmental Modeling and Software*.
36. **Kim, D.**, Serre M., “Spatial mapping of community-level child immunization coverage in Bangladesh,” in preparation for submission to *International Journal of Health Geographics*.
37. **Kim, D.**, Seo D., Lee C., “An East Asian perspective on healthy and affordable food accessibility: food desert or food jungle?” in preparation for submission to *Public Health Nutrition*.
38. **Kim, D.**, Kim B., Lee C., “Does spatial modeling improve health policy decisions and implementation? The complexity of joint action,” in preparation for submission to *Health Sociology Review*.
39. **Kim, D.**, Tso Y. \*, Lee C., “Spatial and temporal equality in voting accessibility: The case of North Carolina,” in preparation for submission to *Environment and Planning C: Government and Policy*.
40. Vyas, P. \*, **Kim D.**, “Where are under-immunized children? Evaluating the feasibility of spatial tools to scale up child immunization coverage in Bangladesh,” in preparation for *Health & Space*.
41. Min, S. \*, **Kim D.**, “Food consumption environments and healthy food accessibility in Korea,” in preparation for submission to *Health Education Journal*.
42. Rho, S., **Kim D.**, Lee C., “Reputation as an intangible asset: the case of marketing-sector businesses,” in preparation for submission to *International Marketing Review*.
43. **Kim, D.**, “Using discrete choice modeling to measure individual demand for typhoid fever vaccines in China,” in preparation for submission to *Economics Journal*.

Other writings

44. "Malaria Decision Analysis Support Tool (MDAST): Evaluating health, social and environmental impacts and policy tradeoffs," Project Implementation Report, June 2013. (with Kramer R. et al.)
45. "Malaria Decision Analysis Support Tool (MDAST): Evaluating health, social and environmental impacts and policy tradeoffs: User Manual," June 2013. (with Brown Z. et al.)
46. "The impact of early childhood lead exposure on educational test performance among Connecticut schoolchildren," Phase I Report, Durham, NC: Children's Environmental Health Initiative, Duke University, February 2011. (with Miranda M.L. et al.)
47. "Willingness-to-pay for typhoid fever vaccines for adults and children in Guilin, China," Report to International Vaccine Institute, November 2005. (with Poulos, C. et al.)

Invited talks/presentations to professional meetings and seminar or colloquia assemblies

**International meetings:**

1. **Kim, D.**, "Global Health Policy: Challenges and Opportunities," Keynote Presentation, Korea Policy Forum, Seoul, Korea; December 2014.
2. **Kim, D.**, "Multidisciplinary approach to developing policy tools to address global health crisis," Keynote Presentation, International Conference for Crisis and Emergency Management (ICCEM), Porto, Portugal; October 2014.
3. **Kim, D.**, "Multidisciplinary approach to developing policy tools to reduce global health disparities", Special Talk at Graduate School of Public Administration, Seoul National University, Seoul, Korea; July 2014.
4. **Kim, D.**, "Evidence-based decision making under uncertainty: the case of health policy", Special Talk at Hanyang University, Seoul, Korea; July 2014.
5. **Kim, D.**, "Value of information in decision-analytic modeling for evidence-based health policy", Yonsei International Symposium, Yonsei University, Seoul, Korea; June 2014.
6. **Kim, D.**, "Improving alternative designs for discrete choice models in estimating willingness-to-pay for public services," International Conference for Crisis and Emergency Management (ICCEM), Cheongju, Korea; October 2013.
7. **Kim, D.**, "Decision-analytic evidence-based policy making for complex environmental health crisis", Keynote lecture, Annual Conference of the Korean Association for Crisis and Emergency Management, Dong-Eui University, Busan, Korea; July 2013.
8. **Kim, D.**, "Multidisciplinary approach for water and environmental health: changes in blood lead levels associated with use of chloramines in water treatment systems", Department of Environmental Engineering, Chungnam National University, Daejeon, Korea; July 2013.

9. **Kim, D.**, “Building a healthy and eco-friendly city using environmental health policies: the case of U.S.”, Korean Foundation for Environmental Movement for Chungbuk, Cheongju City Hall, Cheongju, Korea; March 2013.
10. **Kim, D.**, “Food deserts in Korea: improving healthy food accessibility through public policy”, Keynote presentation at the 7<sup>th</sup> Michuhall Urban Forum, Urban Development Institute (UDI), Incheon National University, Incheon, Korea; March 2013.
11. **Kim, D.**, “Use of GIS and spatial analysis for health policy”, Graduate School of Public Health, Seoul National University, Seoul, Korea; July 2012.
12. **Kim, D.**, “Spatial modeling for groundwater arsenic levels”, K-Water, Daejeon, Korea; July 2012.
13. **Kim, D.**, “Evidence-based health policy using GIS and spatial modeling”, Weekly Grand Round Seminar, Korea Centers for Disease Control and Prevention, Osong, Korea; July 2012.
14. **Kim, D.**, “Decision Analysis and value of information analysis”, Methodology Colloquium, Institute of Government Studies, Korea University, Seoul, Korea; July 2012.
15. **Kim, D.**, “Application of Quantum GIS for climate research”, Workshop on the Better Way to Use Weather and Climate Information, Pukyong National University, Busan, Korea; July 2012.
16. **Kim, D.**, “GIS, Quantum GIS, and spatial analysis: application for urban policy”, Special lecture at the 5<sup>th</sup> Michuhall Urban Forum, Urban Development Research Institute, Incheon National University, Incheon, Korea; June 2012.
17. **Kim, D.**, “Training workshop on Quantum GIS: construction, mapping and analysis of spatial data”, Special methodology workshop at the Korean Association for Crisis and Emergency Management (KACEM) summer conference, Incheon National University, Incheon, Korea; June 2012.
18. **Kim, D.**, “Crisis management for saving public goods: Cost-benefit analysis perspective,” Department of Public Administration, Chungbuk National University, Cheongju, Korea; December 2011.
19. **Kim, D.**, “Analyzing environmental risks and benefits of environmental quality improvement,” Department of Public Administration, Chungbuk National University, Cheongju, Korea; July 2011.
20. **Kim, D.**, “A decision analytic approach to evidence-based malaria control in Africa,” Institute for Poverty Alleviation and International Development, Yonsei University, Wonju, Korea; July 2011.
21. **Kim, D.**, “GIS applications in environmental health research,” Institute for Occupational and Environmental Health, Korea University, Seoul, Korea; July 2011.
22. **Kim, D.**, “Spatial modeling for informed decision-making in environmental health policy,” Graduate School of Public Administration, Seoul National University, Seoul, Korea; July 2011.
23. Choi, J., **Kim D.**, “A Study on developing a targeted screening policy for preventing childhood lead poisoning in Seoul,” Final Report Presentation to Seoul Metropolitan Council, Seoul, Korea; February 2010.



24. **Kim, D.**, Kramer R., "A decision analytic approach to assessing policy tradeoffs in malaria control in Liberia" UL-PIRE (University of Liberia - Pacific Institute for Research and Evaluation) Africa Center, Monrovia, Liberia; May 2009.
25. **Kim, D.**, "Policy tools to reduce health disparities: from global to local perspective," Institute of Urban Affairs, Yonsei University, Seoul, Korea; April 2009.
26. **Kim, D.**, "GIS as a decision-making tool for community public health policy," National Crisis & Emergency Management Research Institute, Chungbuk National University, Cheongju, Korea; April 2009.
27. **Kim, D.**, "Economics and the DOMI agenda: Beyond cost-effectiveness calculation," Diseases of the Most Impoverished (DOMI) Symposium, 10<sup>th</sup> Asian Conference on Diarrhoeal Diseases and Nutrition, ICDDR-B, Dhaka, Bangladesh; December 2003.

**Domestic meetings:**

28. **Kim, D.**, "Experiencing Dallas as a future city: technology, culture and governance," Opening Lecture for International Internship for Incheon National University, University of Texas at Dallas, Richardson, TX; February 2015.
29. **Kim, D.**, "Using decision analysis and spatial analysis for health policymaking in Africa and Bangladesh," Guest Lecture in the Health and Illness Class (SOC 6356), University of Texas at Dallas, Richardson, TX; April 2014.
30. **Kim, D.**, "Teaching public policy in the global context", Panelist at a Multidisciplinary Symposium, North Carolina Central University Global Social Entrepreneurship Initiative, Research Triangle Park, NC; March 2013.
31. **Kim, D.**, "Integrative use of health information for informed decision making for health policy", Duke/UNC/NCCU Joint Health Informatics Seminar Series, Duke Center for Health Informatics (DCHI), Durham, NC; February 2013.
32. **Kim, D.**, "Decision-analytic modeling for information-based malaria control", American Society for Information Science and Technology, North Carolina Central University Student Chapter, Durham, NC; November 2012.
33. **Kim, D.**, "Natural science vs. social science: conflict, crossover or collaboration", Social Science Focus Session, 2012 Korean American Scientists and Engineers South Atlantic Regional Conference, Raleigh, NC; November 2012.
34. **Kim, D.**, Kramer R., "Developing a decision support tool for malaria control in Liberia," Liberian History, Education, and Development, Inc. (LIHEDE) 5<sup>th</sup> Anniversary Jubilee, Greensboro, NC; August 2009.
35. **Kim, D.**, Reiter J., Hull A., Miranda M.L., "The impact of lead and other exposures on early school performance," Neurobehavioral Teratology Society (NBTS) Annual Meeting, Monterey, CA, USA; June 2008.

36. Lauria, D., **Kim D.**, “Optimal vaccination fees and clinic locations in rural China: Tribute to Professor Charles Revelle,” Johns Hopkins University, Baltimore, MA, USA; March 2007.

Referred talks/presentations to professional meetings and seminar or colloquia assemblies

**International conferences:**

37. **Kim, D.**, “An East Asian perspective on healthy and affordable food accessibility: food desert or food jungle?” Winter Conference of the Korean Association for Public Administration (KAPA), Seoul, Korea; December 2014.
38. Seo, S., **Kim D.**, “Neighborhood-level association between PM10 concentration and asthma prevalence in Seoul, Korea: spatial analysis, International Conference for Crisis and Emergency Management (ICCEM), Porto, Portugal; October 2014.
39. Min S. \*, **Kim D.**, Seo S., “GIS-based ecological analysis of environmental risk factors on allergic diseases in Seoul, Korea,” Joint Conference of Korean Policy Forum and Korean Association for Crisis and Emergency Management, Jeju National University, Jeju, Korea; July 2014.
40. **Kim, D.**, Min, S. \*, Lee, C., “Food deserts: a new approach to evaluate disparities in access to healthy and affordable foods in Korea?” World Conference for Public Administration (WCPA), Daegu, Korea; June 2014.
41. Brown Z., Kramer, R., Mutero C., **Kim D.**, Miranda M.L., Ameneshewa B., Lesser A., “Engaging stakeholders in the development and use of a model-based decision support system for malaria control,” MIM conference, Durban, South Africa; October 2013.
42. Brown, Z., Kramer R., Mutero C., **Kim, D.**, Miranda M.L., Ameneshewa B., Lesser A., Paul C., “Stakeholder development of the malaria decision analysis and support tool (MDAST)”, Malaria Journal annual conference, Basel, Switzerland; October 2012.
43. **Kim, D.**, Brown, Z., Kramer R., Mutero, C., Miranda, M.L., “Value of information in decision-analytic modeling for malaria control,” 4<sup>th</sup> Biennial Conference of the International Association for Ecology & Health (Ecohealth 2012), Kunming City, China; October 2012.
44. Seo, S., **Kim, D.**, “Spatial analysis of environmental risk factors for allergic diseases in Seoul, Korea,” International Colloquium on Health & Space, Marseille, France; September 2012.
45. **Kim, D.**, “Using mathematical tools to improve health policy decisions and implementation: obstacles and potential solutions, Korean Association of Public Administration (KAPA) international conference, Seoul, Korea; June 2012.
46. **Kim, D.**, “Use of GIS and Spatial Analysis for Public Health Crisis Management: Lessons from the U.S.”, Annual Conference of the Korean Association for Crisis and Emergency Management, Busan, Korea; August 2011 (online video presentation).
47. Seo, S., Cho Y., Choi S., **Kim, D.**, Kim Y., Kim S., Choi J., 2011, “Influence of environmental exposure on blood lead levels of young children in Seoul, Korea: A pilot study,” *Epidemiology*, 22(1):S279 (presented at ISEE 22<sup>nd</sup> Annual Conference in Seoul, Korea; August 2011).

48. Kramer, R., Brown Z., Dickinson K., **Kim D.**, Mboera L., Miranda M.L., Mutero C., "A Decision analytic Approach to assessing policy tradeoffs in malaria control in Tanzania," 5<sup>th</sup> Annual Multilateral Initiative on Malaria Pan American Conference, Nairobi, Kenya; November 2009.
49. **Kim, D.**, "Saving National Heritage: Cost-benefit analysis for policy alternatives of protecting Cape Hatteras lighthouse in North Carolina," International Conference for Crisis and Emergency Management (ICCEM), Busan, Korea; September 2009.
50. **Kim, D.**, Kim T., Roh C., "GIS as a decision-making tool for health policy: application to preventive health planning in the U.S.," Spring Conference of the Korean Association for Public Administration (KAPA), Samcheok, Korea; April 2009.
51. **Kim, D.**, Canh D.G., Poulos C., Thoa L.T.K., Cook J., Hoa N.T., Nyamete A., Thuy D.T.D., Deen J., Son N.D., Clemens J., Thiem V.D., Anh D.D., and Whittington D., "Private demand for oral cholera vaccines in Hue City, Vietnam," International Health Economics Association (IHEA) 5<sup>th</sup> World Congress, Barcelona, Spain; July 2005.

**Domestic conferences:**

52. Shim, E.\*, Cho Y., Woo H., **Kim D.**, "Designing a noise mapping system based on the citizen scientists' smartphone sensor data," 2015 Annual Meeting of Population Association of America, San Diego, CA, USA; May 2015.
53. **Kim, D.**, "Evaluating cost-effectiveness of targeted interventions for an environmental health program: does geographic scale matter? Annual Conference of the American Society for Public Administration (ASPA), Chicago, IL, USA; March 2015.
54. Min, S.\*, **Kim D.**, "Neighborhood food accessibility and health risks in Korea," Annual Conference of the American Society for Public Administration (ASPA), Chicago, IL, USA; March 2015.
55. Seo, S., **Kim D.**, Min S.\*, Paul C., Yoo Y., Choung J., "The GIS-based ecological association between ambient air pollution and asthma prevalence at the sub-district level in Seoul, Korea," American Academy of Allergy Asthma & Immunology (AAAAI) Annual Meeting, Houston, TX; February 2015.
56. Pham, A.\*, **Kim D.**, "A meta-regression analysis of the effectiveness of mosquito nets for malaria control, UT Southwestern Global Health Student Conference, Dallas, TX; January 2015 (received the Best Student Presentation Award).
57. **Kim, D.**, Vyas P.\*, "Evaluating the feasibility of spatial tools to scale up child immunization coverage in Bangladesh," Poster Presentation, Association for Public Policy Analysis and Management (APPAM) fall conference, Albuquerque, NM, USA; November 2014.
58. **Kim, D.** Serre M., "Spatial mapping of community-level child immunization coverage for targeted policy interventions in Bangladesh," Association of American Geographers Annual Meeting, Tampa, FL; April 2014.
59. **Kim, D.**, Min, S.\*, Lee, C., "Improving healthy food accessibility through public policy: case of Incheon, Korea," Annual Conference of the American Society for Public Administration (ASPA), Washington, DC, USA; March 2014.

60. Seo, S., **Kim D.**, "GIS-based ecological analysis of environmental risk factors on allergic diseases in Seoul, Korea," American Public Health Association (APHA) annual conference, Boston, MA, USA; November 2013.
61. **Kim, D.**, Brown, Z., Anderson R., Kramer R., Mutero, C., Miranda, M.L., "Value of information in decision-analytic modeling for malaria control in Africa," American Public Health Association (APHA) annual conference, Boston, MA, USA; November 2013.
62. **Kim, D.**, Penny R., "Equity in Voting Accessibility in North Carolina," 12<sup>th</sup> Annual Social Equity Leadership Conference, Raleigh, NC, USA; June 2013.
63. Kramer, R., Mutero C., Miranda M.L., Ameneshewa B., Paul C., Lesser A., Brown Z., **Kim D.**, "Engaging in-country stakeholder networks towards improved malaria policymaking in Tanzania, Kenya and Uganda," 4<sup>th</sup> Annual Consortium of Universities of Global Health (CUGH), Washington, DC, USA; March 2013.
64. **Kim, D.**, Kim B., "Do optimization tools improve health policy decisions and implementation? The complexity of joint action in China's vaccination planning process," Annual Conference of the American Society for Public Administration (ASPA), New Orleans, LA, USA; March 2013.
65. **Kim, D.**, Fedak C.\*, Kramer R., "Reduction of malaria prevalence by indoor residual spraying: A meta-regression analysis," American Society of Tropical Medicine and Hygiene (ASTMH) annual conference, Atlanta, GA, USA; November 2012.
66. Wigfall, P., **Kim, D.**, "Finding the Silver-Lining in Equitable and Sustainable Service Delivery in Health: An Empirical Study of the Impact of the SPARC Model on the Aging Population," Southeastern Conference on Public Administration, Coral Springs, FL, USA; October 2012.
67. **Kim, D.**, "Enhancing social equity by food deserts eradication," 11<sup>th</sup> Annual Social Equity Leadership Conference, Savannah, GA, USA; June 2012.
68. Miranda, M.L., **Kim, D.**, Anthropolos, R., Osgood, C., "Effect of maternal smoking during pregnancy on children's educational test performance," American Public Health Association (APHA) annual conference, Washington, DC, USA; October 2011.
69. **Kim, D.**, "A decision analytic approach to evidence-based malaria policy in Liberia," Annual Conference of the Liberian Studies Association, Durham, NC, USA; April 2011.
70. Njogu D.\*, **Kim, D.**, "A cross-country comparative analysis of universal healthcare systems: Implication for U.S. policy," Annual Conference of the American Society for Public Administration (ASPA), Baltimore, MA, USA; March 2011.
71. **Kim, D.**, Jung C., "Patterns and practices of accumulation and use of municipal fiscal reserves in the U.S.," Annual Conference of the American Society for Public Administration (ASPA), Baltimore, MA, USA; March 2011.
72. **Kim, D.**, Kim Y., Jung C., "Assessing developmental patterns of E-government for enhancing transparency," Annual Conference of the American Society for Public Administration (ASPA), San Jose, CA, USA; April 2010.

73. Jung, C., **Kim D.**, Kim Y., "Structural changes in the distribution of federal assistance awards, 1983-2007," Annual Conference of the American Society for Public Administration (ASPA), San Jose, CA, USA; April 2010.
74. Kim, Y., Jung C., **Kim D.**, "Gauging the E-government in financial performance: local government experiences," Annual Conference of the American Society for Public Administration (ASPA), San Jose, CA, USA; April 2010.
75. Jung, C., **Kim, D.**, "Spatial distribution of federal grants, 1983-2007," Annual Conference of the Association for Budgeting and Financial Management (ABFM), Washington, DC, USA; September 2009.
76. **Kim, D.**, Choi H., "Fairness in Sustainability: Assessment of Inequality and Diversity," Annual Conference of the American Society for Public Administration (ASPA), Miami, FL, USA; March 2009.
77. Bang, J., Druweay W., Anderson Y., Barnett A., **Kim D.**, "Patterns of Ultrafine Particle (UFP) Deposition in Human Lung Alveolar Space and Exposure related Physiological Responses of a Respiratory System on Healthy Individuals during Indoor Cooking," Joint Annual Conference of International Society for Environmental Epidemiology (ISEE) & International Society of Exposure Analysis (ISEA), Pasadena, CA, USA; October 2008.
78. **Kim, D.**, Overstreet A., Miranda M.L., "Targeted planning for health: comparison of parcel vs. zip-code level targeted screening for childhood lead exposure," Joint ACSP-AESOP (Association of Collegiate Schools of Planning – Association of European Schools of Planning) Conference, Chicago, IL, USA; July 2008.
79. **Kim, D.**, Lauria D.T., Dong B., Whittington D., "Planning vaccination campaigns in developing countries," International Conference of Global Health, Global Health Council, Washington, DC, USA, May 2008.
80. Bradley, P., **Kim, D.**, Tootoo, J., "Geological aspects of naturally occurring arsenic in groundwater in the Chapel Hill, Hillsborough and Efland 7.5-minute quadrangles, Carolina terrain, North Carolina," Geological Society of America Southeastern Section Annual Meeting, Charlotte, NC, USA, April 2008.
81. Kaiser, L., Miranda, M.L., Hussey J., Buescher P., **Kim D.**, Swamy G., "Association of adequacy of prenatal care utilization and maternal health status with birth outcomes in North Carolina," Annual Meeting of the Society for Gynecologic Investigation, San Diego, CA, USA, March 2008.
82. **Kim, D.**, Miranda, M.L., Reiter J., Hull A., Morgan S.P., "Effects of early childhood lead exposure on children's school performance and behavioral outcomes," Annual Minority Health Conference, University of North Carolina School of Public Health, Chapel Hill, NC, USA, February 2008.
83. Miranda, M.L., **Kim D.**, Overstreet M.A., Hull A., Reiter J., Morgan S.P., "Effects of early childhood environmental exposures on elementary school test performance," American Public Health Association (APHA) annual conference, Washington, DC, USA; November 2007.
84. **Kim, D.**, Miranda, M.L., Tootoo, J.L., Gelfand A., "Spatial modeling for groundwater arsenic levels in North Carolina," Joint Statistical Meetings, Salt Lake City, UT, USA, July 2007.

85. **Kim, D.**, Overstreet M.A., Miranda M.L., Widespread replication of GIS models for childhood lead exposure risk: Does intensity of geocoding matter?, American Public Health Association (APHA) annual conference, Boston, MA, USA; November 2006.
86. Miranda, M.L., **Kim D.**, Overstreet M.A., Hull A.P., Morgan P., "Linkages between early childhood lead exposure and performance on end of grade exams," American Public Health Association (APHA) annual conference, Boston, MA, USA; November 2006.
87. Miranda, M.L., Overstreet M.A., Tootoo J.L., Hull A.P., **Kim D.**, Davis J.A., Wilson C.N., Doku S., "Combining Geographic Information Systems and web based mapping to more comprehensively inform health programs," American Public Health Association (APHA) annual conference, Boston, MA, USA; November 2006.
88. **Kim, D.**, Overstreet M.A., Hull A., Miranda M.L., Can GIS help save money?: Using GIS to direct targeted screening for childhood lead poisoning in North Carolina, ESRI Health GIS Conference, Denver, CO, USA; October 2006.
89. **Kim, D.**, Dong B., Poulos C., Whittington D., Serre M., "GIS-based spatial estimation and mapping of private demands for vaccination programs: Evidence from Lingchuan County, China," Association of Collegiate Schools of Planning (ACSP) annual conference, Kansas City, MO, USA; October 2005.
90. **Kim, D.**, Serre M., Montana L., "Spatial analysis of community density-child mortality associations in developing countries: Bayesian Maximum Entropy approach," Poster Presentation, Association for Public Policy Analysis and Management (APPAM) fall conference, Atlanta, GA, USA; October 2004.
91. **Kim, D.**, Serre M., Montana L., "Identifying community-level determinants of child mortality in Bangladesh," Association of Collegiate Schools of Planning (ACSP) annual conference, Portland, OR, USA; October 2004.
92. **Kim, D.**, Serre M., Montana L., "Identifying spatial dependence of household demands for regional health services: Bayesian Maximum Entropy approach" Southern Regional Science Association (SRSA) annual meeting, New Orleans, LA, USA; March 2004.
93. **Kim, D.**, "Valuing the benefits of protecting Cape Hatteras lighthouse: Focusing on selection effects in discrete choice contingent valuation," Association of Collegiate Schools of Planning (ACSP) annual conference, Baltimore, MD, USA; November 2002.

### **Funding for original investigations:**

#### Grants/contracts awarded:

Comparative Studies of Barriers to Healthy Food Accessibility: Evidence for Demand-Side Factors in US and South Korea

Chang-Kil Lee (PI), Dohyeong Kim (Co-PI), Soojin Min  
Incheon National University, International Collaborative Research Grant  
May 2015 – April 2016, KRW 10,000,000 (USD 9,524) awarded

Experiencing Dallas as a Future City: Technology, Culture and Governance  
Dohyeong Kim (PI)

Incheon National University International Internship Program Grant  
February – May 2015, USD 16,031 awarded

Center for Geospatial Research in Global Health Policy: Developing a Spatial Data and Research Hub for the Global Health Communities  
Dohyeong Kim (PI), Yongwan Chun  
EPPS Advisory Council Grants 2015  
January – December 2015, USD 5,000 awarded

Reflections on Theory and Methods in Empirical Studies of Marketing-Sector Businesses  
Chang-Kil Lee (PI), Dohyeong Kim (Co-PI), Sungmin Rho  
Incheon National University, International Collaborative Research Grant  
May 2014 – April 2015, KRW 10,000,000 (USD 9,524) awarded

Mapping for the Unreached: Evaluating Spatial Prediction for Child Immunization Coverage in Bangladesh  
Dohyeong Kim (PI)  
EPPS Advisory Council Grants 2014  
April – July 2014, USD 5,000 awarded

Implementation Science to Optimize Malaria Vector Control and Disease Management  
Dohyeong Kim (PI)  
National Institute of Health/Duke University (R01 Grant)  
September 2013 – June 2015, USD 15,948.72 awarded

A Study on the Analysis and Application of R&D Sequestration of U.S.  
Dohyeong Kim (PI)  
Korea Institute of Science & Technology Evaluation and Planning  
June 2013 – August 2013, KRW 3,000,000 (USD 2,857) awarded

Does Optimization Modeling Improve Policy Decisions and Implementation? The Complexity of Joint Action in Health Policy Process  
Chang-Kil Lee (PI), Dohyeong Kim (Co-PI), Byungjoon Kim  
Incheon National University, International Collaborative Research Grant  
May 2013 – April 2014, KRW 10,000,000 (USD 9,524) awarded

Equity in Voting Accessibility  
Chang-Kil Lee (PI), Dohyeong Kim (Co-PI), Ronald Penny  
Incheon National University, International Collaborative Research Grant  
May 2013 – April 2014, KRW 10,000,000 (USD 9,524) awarded

An interdisciplinary study on assessing environmental risk factors for allergic diseases and developing preventive strategies using GIS-based spatial modeling and IT-based technology  
Sungchul Seo (PI), Dohyeong Kim (Co-PI)  
National Research Foundation of Korea, General Competitive Grant  
May 2012 – April 2015, KRW 141,000,000 (USD 134,285) awarded

Implementation Science to Optimize Malaria Vector Control and Disease Management  
Dohyeong Kim (PI)  
National Institute of Health/Duke University (R01 Grant)  
July 2010 – June 2013, USD 60,691.07 awarded

Malaria Decision Analysis Support Tool (MDAST): Evaluating Health, Social and Environmental Impacts and Policy Tradeoffs

Dohyeong Kim (PI)

World Health Organization/Duke University

June 2010 – July 2010, USD 15,310 awarded

Food Deserts in Korea: Improving Healthy Food Accessibility through Public Policy

Chang-Kil Lee (PI), Dohyeong Kim (Co-PI), Dongyeon Seo

Incheon National University, International Collaborative Research Grant

May 2012 – April 2013, KRW 10,000,000 (USD 9,524) awarded

The Strategic Research on City Brand Marketing: Case of Incheon, South Korea

Chang-Kil Lee (PI), Dohyeong Kim (Co-PI), Dongyeon Seo

Incheon National University, International Collaborative Research Grant

May 2012 – April 2013, KRW 10,000,000 (USD 9,524) awarded

Developing a Targeted Screening Policy for Preventing Childhood Lead Poisoning in Seoul

Jae-Wook Choi (PI), Dohyeong Kim (Co-PI)

Seoul Metropolitan Council

October – December 2009, KRW 20,000,000 (USD 19,047) awarded

Clinical & Translational Science Awards

Dohyeong Kim (PI)

Duke University

June – July 2009, USD 19,290.86 awarded

Spatial Analysis of Child Mortality in Developing Countries: Bayesian Maximum Entropy approach

BME Lab Grant, School of Public Health, University of North Carolina at Chapel Hill

March – May 2004, USD 3,000 awarded

Disease of the Most Impoverished (DOMI) Project

International Vaccine Institute

June 2002 – August 2004, USD 18,000 awarded

*Proposal submitted:*

Building Safe Communities in Sejong Metropolitan Autonomous City

Jae Eun Lee (PI), Dohyeong Kim (Co-PI), Gi-geun Yang (Co-PI)

Sejong Metropolitan Autonomous City Government

May 2015 – February 2016, KRW 150,000,000 (USD 142,857) requested

Current status: rejected

What Level of Tourism Traffic Should be Planned for in North Carolina's Major Tourism Areas?

M. Michaux Parker (PI), Dohyeong Kim (Co-PI)

North Carolina Department of Transportation (NCDOT)

January 2014 – December 2015, USD 208,352 requested

Current status: rejected



Incident Management Assistance Patrols: Assessment of Benefits/Cost and Route Selection & Prioritization  
Donnell Scott (PI), Dohyeong Kim (Co-PI)  
North Carolina Department of Transportation (NCDOT)  
January 2014 – December 2015, USD 208,352 requested  
Current status: rejected

HUD Community Challenge Planning Grants and TIGER II Planning Grants  
Daniel Rodriguez (PI), Dohyeong Kim (Co-PI)  
U.S. Department of Transportation & U.S. Department of Housing & Urban Development  
November 2010 – October 2013, USD 5,672,778 requested  
Current status: rejected

Impact of Affordable Housing: A Spatial Analysis of Habitat for Humanity Houses, Durham, North Carolina  
Rebecca Winders (Co-PI), Dohyeong Kim (Co-PI)  
Faculty-Student Scholarly/Creative Productivity Initiative  
March 2011 – May 2011, USD 5,000 requested  
Current status: rejected

Using Administrative Data to Assess Effect of Lead Exposure on School Performance  
Jerome Reiter (PI), Dohyeong Kim (Co-PI)  
U.S. National Institute of Health (R21 Grant)  
October 2009 – September 2011, USD 164,682 requested  
Current status: rejected

Developing a Malaria Decision Analysis Support Tool for Liberia's National Malaria Control Program  
Dohyeong Kim (PI)  
Ministry of Health & Social Affairs, Republic of Liberia  
July 2009 – June 2010, USD 70,000 requested  
Current status: rejected

Developing Innovative Decision Tools for Policymakers on Vector Control and Disease Treatment Methods  
for Malaria Prevention  
Randall Kramer (PI), Dohyeong Kim (Co-PI)  
Izumi Foundation  
May 2008 – April 2009, USD 100,000 requested  
Current status: rejected

### **Appearance on Media**

Panelist at Current Affair Radio Show ("Si-Sa Plus"), Dallas Korean Radio (DKNET; AM730)

UT Dallas News Center, Research, February 2015  
[http://www.utdallas.edu/news/2015/2/27-31429\\_Visiting-Students-Experience-Dallas-Through-Future\\_story-wide.html?WT.mc\\_id=NewsHomePageCenterColumn](http://www.utdallas.edu/news/2015/2/27-31429_Visiting-Students-Experience-Dallas-Through-Future_story-wide.html?WT.mc_id=NewsHomePageCenterColumn)

Science Newsline, September 2014  
<http://www.sciencenewsline.com/articles/2014090314060023.html>

Science Daily, September 2014  
<http://www.sciencedaily.com/releases/2014/09/140903105807.htm>

Daily News, September 2014

<http://www.dailynewsen.com/science/study-finds-wide-gap-in-compensation-from-07-south-korean-oil-spill-h2596312.html>

eScience News, September 2014

<http://esciencenews.com/articles/2014/09/04/study.finds.wide.gap.compensation.07.south.korean.oil.spill>

Phys.Org, September 2014

<http://phys.org/news/2014-09-wide-gap-compensation-south-korean.html>

Bio Medicine, September 2014

<http://bio-medicine.org/medicine-news-1/Study-finds-wide-gap-in-compensation-from-07-South-Korean-oil-spill-133335-1/>

Science Codex, September 2014

[http://www.sciencecodex.com/study\\_finds\\_wide\\_gap\\_in\\_compensation\\_from\\_07\\_south\\_korean\\_oil\\_spill-140860](http://www.sciencecodex.com/study_finds_wide_gap_in_compensation_from_07_south_korean_oil_spill-140860)

UT Dallas News Center, Research, May 2014

[http://www.utdallas.edu/news/2014/9/3-31173\\_Study-Finds-Wide-Gap-in-Compensation-from-07-South\\_story-wide.html?WT.mc\\_id=NewsHomePageCenterColumn](http://www.utdallas.edu/news/2014/9/3-31173_Study-Finds-Wide-Gap-in-Compensation-from-07-South_story-wide.html?WT.mc_id=NewsHomePageCenterColumn)

UT Dallas News Center, EPPS Faculty Receive Teaching Comet Awards, May 2014

[http://www.utdallas.edu/news/2014/5/14-30031\\_EPPS-Faculty-Receive-Teaching-Comet-Awards\\_story-sidebar.html](http://www.utdallas.edu/news/2014/5/14-30031_EPPS-Faculty-Receive-Teaching-Comet-Awards_story-sidebar.html)

UT Dallas News Center, EPPS Faculty Spotlight, January 2014

<http://www.utdallas.edu/epps/community/news/faculty-spotlight-dohyeong-kim-010914.html>

Quest: Research at North Carolina Central University, Winter 2013

[http://www.nccu.edu/formsdocs/proxy.cfm?file\\_id=2095](http://www.nccu.edu/formsdocs/proxy.cfm?file_id=2095)

Medical News Today, July 2012

<http://www.medicalnewstoday.com/articles/247544.php>

Africa Fighting Malaria, July 2012

<http://www.fightingmalaria.org/researchlist.aspx?issue=4>

The Times of India, July 2012

[http://articles.timesofindia.indiatimes.com/2012-07-08/health/32536430\\_1\\_malaria-infection-malaria-deaths-malaria-transmission](http://articles.timesofindia.indiatimes.com/2012-07-08/health/32536430_1_malaria-infection-malaria-deaths-malaria-transmission)

Hematology Times, July 2012

[http://www.hematologytimes.com/p\\_article.do?id=2444](http://www.hematologytimes.com/p_article.do?id=2444)

Malaria World, July 2012

<http://www.malariaworld.org/category/medical-treatment/ddt>

NCCU Alumni Association, July 2012

<http://www.nccude.org/news071012.html>

ChildSurvival.net, July 2012

[http://childsurvival.net/?content=com\\_articles&artid=1271](http://childsurvival.net/?content=com_articles&artid=1271)

Duke Today, October 2009

[http://m.today.duke.edu/2009/10/lead\\_testing.html](http://m.today.duke.edu/2009/10/lead_testing.html)

Emerging Health Threats Monitor, August 2008 (pdf document available upon request)

Duke Global Health Institute News Article, April 2008

<http://globalhealth.duke.edu/news-events/global-health-article/people-april-2008/>

### **Teaching and Advising:**

#### Doctoral advisement/direction as a chair/co-chair:

Priyanka Vyas, Ph.D degree expected in 2017 (PPPE)

“Essays on Organization, Delivery and Utilization of Health Services in Bangladesh”

Yi-En Tso, Ph.D degree expected in 2017 (PPPE)

“Optimal Locations for Emergency Shelters in Taiwan: A Policy Issue in Emergency Planning”

#### Doctoral advisement/direction as a committee member:

Corey Adam Hendon, Ph.D degree expected in 2014 (PPPE)

“Policy Futures: A Fiscal Policy Innovation for Globally-Integrated Communities”

Ferzana Havewala, Ph.D degree expected in 2015 (PPPE)

“The Food Environment and Residential Segregation”

Xiang Cai, Ph.D degree expected in 2015 (PPPE)

“Affordable Housing Policies in China: A Comparative Case Study”

Amy Hughes, Ph.D degree expected in 2015 (GIS)

“Residential Mortality and CRC Screening: A Spatial Analysis of CRC Screening in an Urban Safety-Net Clinic”

Kwang Bin Bae, Ph.D degree expected in 2015 (Public Affairs)

“Three Essays on Human Resource Policies”

Alisha Kim, Ph.D degree expected in 2017 (PPPE)

“The Role of Hegemony in Transboundary Water Governance”

Viveca Pavon, Ph.D degree expected in 2017 (PPPE)

“Exploring the Spatial-Temporal Transition of Drug Trafficking in the Northern Triangle”

Patricia Pan, Ph.D degree expected in 2017 (PPPE)

“The Search for Clarity in Housing First and an Impact Assessment of Permanent Supportive Housing in Dallas, Texas”

*Pre-dissertation advising:*

Soojin Min (2<sup>nd</sup> year Ph.D student in PPPE program), working on the research project on environmental risk factors and allergic diseases in Seoul (funded by the National Research Foundation of Korea)

Anh Pham (2<sup>nd</sup> year Ph.D student in PPPE program), working on the research project on meta-analysis of insecticide treated nets for malaria control

*Internship advising:*

Ziya Cologlu (3<sup>rd</sup> year Ph.D student in PPPE program), data analyst internship at EquityMetrix, Summer 2015

*Doctoral advisement/direction (as an external reviewer in Korea):*

Eunyoung Shim, Ph.D degree expected in 2015 at Seoul National University

“A Study on Developing Health Demographic Information using Smartphone Sensor Data”

Doosun Kim, Ph.D awarded in 2012 at Chungbuk National University

“Comparative Analysis on Organizational Culture of Public Organization for Improving the Organizational Competence”

Yoocho Kim, Ph.D awarded in 2011 at Chungbuk National University

“Inter-organizational Disaster Response System for Local Emergency Medical Service in Korea: The Partnership Theory and Disaster Management Communities”

*Classroom teaching:*

**The University of Texas at Dallas, Richardson, TX**

2015, Fall, HONS 3199.HN13 (Honors College course), Readings in Global Health and Environment

2015, Fall, IPEC/GISC 4384, Health and Environmental Policy/GIS: A Global Perspective

2015, Fall, EPPS 7313, Descriptive and Inferential Statistics

2015, Spring, BIOL 1V00 (UT-PACT course), Global Health

2015, Spring, PPPE 6321, Economics for Public Policy

2014, Fall, PPPE/GISC 6334, Workshop in Environmental and Health GIS and Policy

2014, Fall, EPPS 7313, Descriptive and Inferential Statistics

2014, Summer, EPPS 6313, Introduction to Quantitative Methods

2014, Spring, POEC 6321, Economics for Public Policy

2013, Fall, EPPS 7313, Descriptive and Inferential Statistics

**North Carolina Central University, Durham, NC**

2008~2013 (15 semesters; average student rating: 4.7 out of 5.0)

PADG 5360, Economics for Public Policy Analysis

PADG 5600, Quantitative Analysis and Program Evaluation

PADG 5610, Research Methods for Public Administration

PADG 5640, Independent Study on Health Policy and Emergency Management

**Yonsei University Graduate School, Seoul, Korea**

2014, Summer, PUB 9991, GIS/Spatial Analysis for Public Policy

**Hanyang University International Summer School, Seoul, Korea**

2013, Summer, DIS 217, International Relations in East Asia

**KU–Seoul Metropolitan Government Summer School, Korea University, Seoul, Korea**

2012, Summer, PSC 807, Environmental Economics and Management

2011, Summer, PSC 807, Environmental Economics and Management

**Service:**

*Administrative work with professional societies and organizations:*

2015~present

Editorial Board Member, *Modern Society and Public Administration*

2015~present

Member of Special Board on Social Equity, Korean Association for Public Administration

2014~present

Chairperson, International Cooperation Committee, The Korea Policy Forum

2013~present

Co-Editor-in-Chief, *Journal of Safety and Crisis Management*

2011~present

Chairperson, International Affairs Committee, International Society for Crisis and Emergency Management

2014~present

Editorial Board Member, *International Review of Public Administration*

2014~present

Editorial Board Member, *The Journal of Cultural Policy*

2014~present

Junior Asian Scholar Award Committee Member, American Society for Public Administration

2010~present

Editorial Board Member, *Public Policy Review*

2014

International Board Member, Korean Association for Public Administration

2014~present

Advisory Committee Member, Disaster & Safety Research Institute, The Hope Institute

2014~present

International Board Member, Korean Police Studies Association

2013

Steering Committee Member, Korean Association for Policy Studies

2012~2013

Chairperson, Social Science Committee, Korean-American Scientists and Engineers Association, NC Chapter

Refereeing as an external reviewer:

2015

*Energy Policy*

*American Journal of Tropical Medicine*

*Public Policy Review*

2014

Book Proposal for Routledge Books: *Global Health*

*Geographic Analysis*

*International Journal of Environmental Research and Public Health*

*The World Scientific Journal*

*Public Policy Review*

*The Exley: UTD Undergraduate Research Journal*

*Journal of Cultural Policy*

*International Review of Public Administration*

2013

*Asia-Pacific Journal of Public Health*

*Seoul Journal of Economics*

*Science of the Total Environment*

*Global Health Perspectives*

*International Journal of Hygiene and Environmental Health*

*Archives of Korean Crisis and Emergency Management*

*International Review of Public Administration*

2008 ~ 2012

*International Journal of Environmental Research and Public Health*

*Asia-Pacific Journal of Public Health*

*Science of the Total Environment*

*Global Health Perspectives*

*Environmental Science & Technology*

*International Journal of Hygiene and Environmental Health*

*Archives of Korean Crisis and Emergency Management*

*International Review of Public Administration*

*International Journal of Public Administration*

*Public Policy Review*

Abstracts for International Conference of Global Health

Departmental, college, university committees:

2015~2016

Member, Ad Hoc Committee for the Mid-Probationary Review of Dr. Jonas Bunte, University of Texas at Dallas

2015

Member, EPPS Scholarship Evaluation Committee, University of Texas at Dallas

February 20, 2015

UT-PACT Interviewer, University of Texas at Dallas, (University-level Service)

2015~present

Director, Center for Geospatial Research in Global Health Policy, School of Economic, Political and Policy Sciences, University of Texas at Dallas ([www.utdallas.edu/geospatial-health](http://www.utdallas.edu/geospatial-health))

2014~present

Director of Graduate Studies and Associate Program Head, Public Policy and Political Economy Program, School of Economic, Political and Policy Sciences, University of Texas at Dallas

2014~present

Faculty Advisor, Liberty in North Korea (LiNK), UTD Chapter

2014~present

Academic Program Review Committee Member, The University of Texas at Dallas (University-level Service)

2014~present

International Education Fund Scholarship (IEFS) Review Committee Member, The University of Texas at Dallas (University-level Service)

2013~present

Program Committee Member, Public Policy and Political Economy Program, UTD

2013~present

Ph.D Methods Qualifying Exam (MQE) Committee, Public Policy and Political Economy Program, UTD

August 18, 2014

Faculty Ambassador for EPPS, UTD (University-level Service)

2013~2014

GIS and Statistics Curriculum Committee Member, Geospatial Science Program, UTD

2014~present

External Dissertation Committee Member, Seoul National University, Korea

2011~2012

Parliamentarian, Faculty Senate, NCCU (University-level Service)

2012~2013

Chairperson, Electronic Journal Committee, College of Behavioral and Social Sciences, NCCU

2011~2013

Member of Advisory Board, Office of International Affairs, NCCU

2011~2012

External Dissertation Committee Member, Chungbuk National University, Korea

2010~2013

Senator, Faculty Senate, NCCU (University-level Service)

2010~2011

Member, Faculty Research and Professional Development Committee, NCCU

2010~2012

Faculty Editor, Scholarly Online Academic Review of Public Administration, NCCU

2009~2011

Member, Website Committee, College of Behavioral and Social Sciences, NCCU

2008~2009

NASPAA (Network of Schools of Public Policy, Affairs & Administration) Accreditation Committee, NCCU