

## Debarchana (Debs) Ghosh

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### Professional Experience

- 2011 - ..... • Assistant Professor, Department of Geography, University of Connecticut, Storrs Campus.
- 2011 - ..... • Principal Investigator of Center for Health Prevention and Intervention (CHIP), University of Connecticut, Storrs Campus.
- 2011 - ..... • Affiliate member of Center for Environmental Science and Engineering (CESE), University of Connecticut, Storrs Campus.
- 2012 - 2013 • Chair of Health and Medical Geography Specialty Group, Association of American Geographers.
- 2009 - 2011 • Assistant Professor, Department of Geography, Kent State University, Ohio.
- 2009 - 2010 • Geographic Information Science Minor Coordinator, Department of Geography, Kent State University.

### Education

- 2005 – 2009 • Ph.D. (Geography), Department of Geography, University of Minnesota  
*Advisors: Dr. Robert B. McMaster and Dr. Steven M. Manson*
- 2002 – 2004 • M.Phil (Population Studies), Jawaharlal Nehru University, India.
- 2000 – 2002 • M.A (Geography), Jawaharlal Nehru University, India.
- 1997 – 2000 • B.Sc. (Geography), Presidency College, University of Calcutta, India.

### Publications

- Zhang, Mengyao, and **Ghosh, D.** 2014. Supermarket Redlining and Community Vulnerability in an Urban Setting: A case study of Greater Hartford Area of Connecticut. *Transaction in GIS. Under Revise and Resubmit.*
- **Ghosh, D.** and Guha, R. 2014. Is pizza a vegetable? Describing Twitter users sentiment towards a US Congress Funding Bill. *PlosOne. Under Revise and Resubmit.*
- **Ghosh, D\***, Gibson, B\*., Morano, J., and Altice, F.L. 2014. Accessibility and utilization patterns of a mobile medical clinic among vulnerable populations. *Health & Place*. Vol 28: 153-166. PMID: 24853039  
<http://dx.doi.org/10.1016/j.healthplace.2014.04.008>.  
\* **Joint first authors.**
- Martin K., **Ghosh, D.**, Page M., Wolff M., McMinimee K., and Zhang, M. 2014. What role do local grocery stores play in urban food environments? A case study of Hartford Connecticut. *PlosOne*. Apr 9; 9(4):e94033. PMID: 2471857

- doi: 10.1371/journal.pone.0094033. eCollection 2014.
- **Ghosh, D.**, and Guha, R. 2013. What are we 'tweeting' about obesity? Mapping tweets with Topic Modeling and Geographic Information System. *Cartography and Geographic Information Science. Special Issue of 'Mapping Cyberspace'*. Vol 40(2): 90-102.
  - **Ghosh, D.**, Sterns, A., Drew, B., and Hamera, E. 2011. Geospatial Analysis of Psychiatric Mental Health Advanced Practice Nurses in the United States. *Psychiatric Services*. Vol 62: 1506-1509. PMID: 22193800
  - **Ghosh, D.**, and Guha, R. 2011. Using a neural network for mining interpretable relationships of West Nile risk factors. *Social Science and Medicine*. Vol 72 (3): 418 – 429. PMID: 20950908
  - **Ghosh, D.** 2010. How do heterogeneous urban environment facilitate West Nile virus transmission in the Twin Cities Metropolitan Area of Minnesota? *Ed: Geospatial Analysis of Environmental Health*. Publisher: Springer-Verlag. Chapter 7: 153
  - Sanders, H., **Ghosh, D.**, Riper, D. V., and Manson, S. M. 2010. How do you measure distance to open space? Impacts of different types of distance on open space values calculated using a hedonic pricing model. *Environmental and Planning B*. Vol 37: 874 - 894.
  - **Ghosh, D.**, and Guha, R. 2010. Use of genetic algorithm and neural network approaches for risk factor selection: A case study of West Nile virus dynamics in an urban environment. *Computers, Environment and Urban Systems*. Vol 34 (3): 189-203.
  - **Ghosh, D.**, and McMaster, R. B. 2010. *Manual of Geospatial Science and Technology, 2/e*. Contributed chapter 34: *Biophysical and Human-Social Applications*. Pg 669 - 687. Taylor and Francis Group LLC, Boca Raton, Florida.
  - **Ghosh, D.**, and Guha, R. 2010. A Risk factor analysis of West Nile virus: Extraction of relationships from a neural-network model. In *Proceedings: International Conference on Social Computing, Behavioral Modeling, and Prediction*. Pg 208 – 217. LNCS 6007. Springer.
  - **Ghosh, D.**, Manson, S. M., and McMaster, R. B. 2010. Delineating West Nile Virus transmission cycles at various scales: The Nearest Neighbor Distance-Time model. *Cartography and Geographic Information Science*. Vol 37(2): 149 – 163. PMID: 23144590
  - Manson, S. M., Sander, H.A., **Ghosh, D.**, Oakes, J. M., Orfield, M. W., Craig, W. J., Luce, T. F., Myott, E., Sun. S. 2009. Parcel data for research and policy. *Geography Compass* Vol 3(2): 698 – 726.
  - **Ghosh, D.**, and Manson, S. M. 2008. Robust Principal Component Analysis and Geographically Weighted Regression: Urbanization in the Twin Cities Metropolitan Area. *The URISA Journal* Vol 20 (1): 15 – 25. PMID: 23814454
  - **Ghosh, D.** 2007. West Nile Virus. In P. Robbins (ed.) *The Encyclopedia of Environment and Society*. London: Sage Publications.
  - **Ghosh, D.** 2007. Infant Mortality Rate. In P. Robbins (ed.) *The Encyclopedia of Environment and Society*. London: Sage Publications.
  - **Ghosh, D.** 2007. Epidemics. In P. Robbins (ed.) *The Encyclopedia of Environment and Society*. London: Sage Publications.
  - **Ghosh, D.** 2007. Predicting Vulnerability of Indian Women to Domestic Violence Incident. *Research and Practice in Social Sciences* 3(1): 48 – 72.

- **Ghosh, D.** 2006. Effect of Exposure to Electronic Mass Media on the Knowledge and Use of Prenatal Care Services: A Comparative Analysis of Indian States. *The Professional Geographer*. Vol 58 (3): 278 – 293.

### Awards

- 2014 • Teaching Innovation Award. AAUP Excellence Award, University of Connecticut.
- 2011 • Institute on Systems Science and Health, University of Pittsburgh, PA. OBSSR (NIH) and CDC.
- 2010 • Finalist for 2011 J. Warren Nystrom Award. Association of American Geographers.
  - Faculty Excellence Award. Kent State University.
  - Jacques May Thesis Prize. Health and Medical Geography Specialty Group, Association of American Geographers.
  - Teaching Scholars for Early Career Faculty Learning Community. Kent State University.
- 2009 • Travel Award. Health and Medical Geography Specialty Group, Association of American Geographers.
- 2008 • Travel Award. College of Liberal Arts, University of Minnesota.
  - Cartography and Geographic Information Society, Best Student Paper Award.
  - First place presentation award for the University Consortium for Geographic Information Science (UCGIS) Summer Assembly, Minneapolis, Minnesota.
  - 2<sup>nd</sup> Place Student Paper Award, Graduate Student Affinity Group, Association of American Geographers.
  - Travel Award, Council of Graduate Studies, University of Minnesota.
  - Travel Award, Graduate and Professional Student Assembly, University of Minnesota.
  - Travel Award, International Geographic Information Fund, Association of American Geographers.
  - Graduate Research Award, International Geographic Information Fund, Association of American Geographers.
- 2007 • 3<sup>rd</sup> Place Best Poster Award. 130<sup>th</sup> Annual Applied Geography Conference, Indianapolis, Indiana.
  - 3<sup>rd</sup> Place Student Paper Award. Urban and Regional Information Systems Association.
  - Ralph H. Brown Prize for Best Graduate Student Publication Award, Department of Geography, University of Minnesota.
  - Travel Award, Graduate and Professional Student Assembly, University of Minnesota.
  - Travel Award, International Geographic Information Fund, Association of American Geographers.
- 2006 • Travel Award. Office for University Women. University of Minnesota.
  - Best Student Paper Award. Regional Development and Planning Specialty Group and Asian Geography Specialty Group. Association of American Geographers.
  - Travel Award, Graduate and Professional Student Assembly, University of Minnesota.
- 2005 • Best Student Paper Award. Asian Geography Specialty Group. Association of American Geographers.
- 2004 • 1st Place Best Poster Award. 127th Annual Applied Geography Conference, St. Louis,

Missouri.

- 2000 • National Scholarship under National Scholarship Scheme, Government of India on the result of B.Sc. Geography (Hons.) Examination.

## Grants

### **Status Awarded**

- 2014 • NIH –National Institute on Drug Abuse. PA-11-190: Mentored Research Scientist Career Development Award (K01). *Connecting People, Places, and Barriers: The effect of these connections on adherence and retention in care for HIV positive drug users.*  
Role: Principal Investigator.  
Award Period: 8/1/2014 – 7/31/2019.  
Award Amount: \$893,345
- 2013 • University of Malaya, Malaysia. High-Impact Research Grant. Title: *Incorporating the "Seek, Test, and Treat" Model in Evaluative and Cross-Sectional Techniques with Populations at High-Risk for HIV-infection in Malaysia.* Sub Award title: *Understanding HIV Prevalence and Risk in Female and Transgender Sex Workers through Bio-behavioral Surveillance.*  
Role: Co-Investigator  
Award Period: 11/2013 – 10/2014  
Award Amount: \$40,000
- 2012 • University of Connecticut. College of Liberal Arts and Science. The Fund for Innovative Education in Health and Society.  
Role: Principal Investigator.  
Award Amount: \$50,000
- University of Connecticut. Faculty Large Grant.  
Role: Principal Investigator.  
Award Period: 12/2012 – 6/2014  
Award Amount: \$25,025
- University of Connecticut. Center for Health Intervention and Prevention (CHIP). CIRA/CHIP Multi-Institutional Pilot Grants.  
Role: Co-Principal Investigator.  
Award Period: 1/2013 – 12/2014  
Award Amount: \$50,000
- 2011 • Travel Grant, University Teaching Council. Kent State University. - \$500.00
- Research Grant. Association of American Geographers. - \$1000.00
- 2010 • Summer and Annual Appointment from University Research Council, Kent State University *Submitted in October 2010. Status: Awarded - \$6500.00*
- Travel Grant, University Research Council. Kent State University. - \$500.00.
- Summer Teaching Development Grant. Kent State University. - \$6500.00.
- Travel Grant, University Teaching Council. Kent State University. - \$500.00.
- 2009 • Travel Grant, University Research Council. Kent State University. - \$500.00
- 2008 • Graduate Student Travel Grant for UCGIS Summer Assembly, 2008. - \$800.00
- Doctoral Dissertation Fellowship (Sept 2008 - May 2009). Graduate School. University of Minnesota. - \$24,000.00

- Doctoral Dissertation research Grant. Graduate School University of Minnesota. - \$1000.00
- Dissertation Research Grant. Association of American Geographers. - \$500.00
- Travel Grant. Department of Geography. University of Minnesota. - \$500.00
- 2006 • Travel Grant. Urban Geography Specialty Group, Association of American Geographers. - \$200.00
- Graduate Research Partnership Program. Summer Fellowship, College of Liberal Arts, University of Minnesota. - \$6000.00
- 2003 • Junior Research Fellowship, University Grants Commission, India. - \$150.00

### **Status Declined**

- 2012 • NIH-National Institute on Minority Health and Health Disparity. RFA-MD-12-006. 'Journey to Wellness: A Family centered, Faith bases program to reduce obesity'. University of Connecticut's budget is \$1,180,435.  
PIs: Amy Gorin and Michelle Cloutier, Co-I: Debarchana Ghosh. **Impact Score: 28**
- Seed Grant Opportunity for New Investigators. Center for Health Prevention and Intervention, University of Connecticut. \$7,500.00.
- President Research Award. University of Connecticut.
- 2011 • Faculty Large Grant, Internal Funding. University of Connecticut \$25,000.00
- Fellowship. American Institute of Indian Studies.
- The Fund for Innovative Education in Health and Society. University of Connecticut. - \$ 73,607.00.
- 2010 • University Research Grant. Kent State University. \$2500.00.
- Fellowship. American Institute of Indian Studies. \$8,000.00.
- Farris Family Innovation Award. Kent State University. \$24,000.

### **Invited Presentations**

- **Ghosh, D.** and Pease, H. S. December 2013. Do You Live In A Food Desert? How Many Calories Can \$1 Get You? Connecticut State Museum of Natural History and Connecticut Archaeology Center.
- **Ghosh, D.** October 2013. A Big Mac or an Apple? It depends upon where you live. University of Connecticut- CLAS. *CLAS College Experience, The Environment: Health, Nature & Politics*. Storrs Campus.
- **Ghosh, D.** and Pease, H. S. April 2013. Youth PhotoVoice: Food, Community, and You. University of Connecticut – Hartford Campus.
- **Ghosh, D.** March 2012. New approaches to broaden interdisciplinary health research. Center for Health Intervention and Prevention, University of Connecticut.
- **Ghosh, D.** April 2011. Food, Food Everywhere, and Not a Healthy Bite to Eat: Identifying Food Deserts in Cleveland, Ohio. Department of Geography and Planning, University of Akron.
- **Ghosh, D.** December 2010. Future Trends in Geographic Information Science for Environmental Health (or making friends with community partners). Department of Geography, University of Connecticut.

- **Ghosh, D.** December. 2010. Future Trends in Geographic Information Science for Environmental Health. Department of Geography, University of Wisconsin-Milwaukee.
- **Ghosh, D.** October 2010. Using Geographic Information Science in Health Research: Examples from Vector-borne Disease, Obesity/Cardiovascular Disease and Health Care Resources. Research Rounds. *Department of Behavioral and Community Sciences, Northeastern Ohio Universities Colleges of Medicine and Pharmacy.* Ohio.
- **Ghosh, D.** May 2010. HIV/AIDS in India: Knowledge and access to care and treatment. Colloquium Series, *Department of Geography, Kent State University.* Ohio.
- **Ghosh, D.** November 2009. Medical Geography. *Cardinal High School.* Geauga County, Ohio.
- **Ghosh, D.** February 2009. Graduate School Seminar. University of Minnesota.
- **Ghosh, D.** January 2009. A Geospatial Investigation of West Nile virus in Twin Cities, Minnesota. *Department of Geography, Kent State University.* Kent, Ohio.
- **Ghosh, D.** December 2008. Spatiotemporal analysis of West Nile Virus in Twin Cities Metropolitan area of Minnesota. *Minnesota Population Center Seminar Series.* Minneapolis, Minnesota.
- **Ghosh, D.** July 2008. Guest Lecturer in GEOG 1403 Biogeography of the Global Garden. *Department of Geography, University of Minnesota.* Minneapolis, Minnesota.

#### Conference Presentations

- **Ghosh, D.,** C. Denton, S. Brown, and F.L. Altice. November 2014. Individual and neighborhood level correlates of substance abuse and treatment among opioid dependent urban inner-city residents. *2014 Annual American Public Health Association.* New Orleans, Louisiana.
- **Ghosh, D.** and H.S. Pease. October 2014. Picture my (un)healthy community: A youth photovoice project at three geographic scales. *Fourth International Conference on Food Studies.* Monash University, Prato, Italy.
- **Ghosh, D.** and Pease, H.S. April 2014. Picture my (un)healthy community: A preliminary analysis of an youth photovoice project. *Annual Association of American Geographers.* Tampa, Florida.
- Li, J., Moorthi, G, Valente, T, Shin, H. **Ghosh, D.,** and Obidoa, C. February 2014. RDS peer recruitment decision-making, street recruitment dynamics, and opportunities for statisticians. *International Social Network Analysis Conference.* St. Petersburg, Florida, USA.
- **Ghosh, D,** Gibson, B., Morano, J., and Altice, F.L. November 2013. Mapping health care access and utilization for vulnerable populations at a mobile medical clinic. *2013 Annual American Public Health Association.* Boston, Massachusetts.
- **Ghosh, D.,** Martin, K., and Page, M. July 2013. Do residents of Hartford, Connecticut live in a food desert? A multidimensional analysis of grocery stores. *2013 International Medical Geography Symposium.* Michigan State University, East Lansing, Michigan.
- **Ghosh, D.** and Altice, F. L. May 2013. The relationship between social and spatial networks and their effect on clinical outcomes. *International Social Network Analysis Conference.* Hamburg, Germany.
- **Ghosh, D.** April 2013. Disparity in obesity: A tale of two cities in urban Ohio. *Annual*

*Association of American Geographers*. Los Angeles, California.

- **Ghosh, D.** and Guha, R. October 2012. What are we 'tweeting' about obesity? An exploration of Topic Modeling and Spatial Analysis. *The 35<sup>th</sup> Applied Geography Conference*. Minneapolis, MN.
- **Ghosh, D.** June 2012. "Does it matter where we tweet from? Spatializing Social Media". *UCGIS 2012 Symposium: Building GIS Science 2.0*. Washington, DC.
- **Ghosh, D.** and Guha, R. March 2012. "Is Pizza a Vegetable?" – Assessing attitudes towards Congress' new bill using sentiment and social network analysis. *International Social Network Analysis Conference*. Redondo Beach, CA.
- **Ghosh, D.** and Guha, R. February 2012. Exploring the spatiotemporal trends of obesity-related "tweets" using topic modeling and Geographic Information Science. *Annual Association of American Geographers*. New York City, New York.
- **Ghosh, D.**, Sanders, H. A., Riper, D. V., and Manson, S. M. November 2011. How do you measure distance in spatial models? An example using open-space valuation. 58th Annual North American Meetings of the Regional Science Association International 2011 // Second Conference of the Regional Science Association of the Americas. Miami, Florida.
- **Ghosh, D.** April 2011. Delineating West Nile virus transmission cycles: Nearest Neighbor Distance Time (NNDT) model. *Annual Association of American Geographers*. Seattle, Washington.
- **Ghosh, D.** October 2010. Developing an Interdisciplinary Course: Application of Geographic Information Science in Health Research. 17<sup>th</sup> Annual Conference: Celebrating College Teaching. Kent State University.
- Barbara, D.L, **Ghosh, D.**, Hamera, E., and Sterns, A. October 2010. A Geospatial Analysis of Psychiatric Mental Health Advanced Practice Nurses in the United States. *American Psychiatric Nurses Associations 24<sup>th</sup> Annual Conference*. Louisville, Kentucky. *Accepted for poster presentation*.
- **Ghosh, D.** October 2010. Where do we need Psychiatric Mental Health Nurses? *2010 ESRI Health GIS Conference*. Denver, Colorado. *Accepted for oral presentation*.
- **Ghosh, D.**, and Guha, R. April 2010. Identifying optimal risk factors for prediction and interpretation of West Nile virus occurrences using Neural Network. *Annual Association of American Geographers*. Washington DC.
- **Ghosh, D.**, and Guha, R. March 2010. A Risk factor analysis of West Nile virus: Extraction of relationships from a neural-network model. *2010 International Conference on Social Computing, Behavioral Modeling, and Prediction*. National Institute of Health, Bethesda, Maryland.
- **Ghosh, D.** October 2009. When does West Nile virus transmission cycle peak at a local level? Evidences and related vector control strategies from Twin Cities Metropolitan Area of Minnesota. *132<sup>nd</sup> Applied Geography Conference*, Baton Rouge, Louisiana.
- **Ghosh, D.** 2009. Predicting and explaining the spread of West Nile virus in the Twin Cities Metropolitan Area of Minnesota. *International Symposium in Medical Geography*, Hamilton, Ontario, Canada.
- **Ghosh, D.**, and Manson, S. M. 2009. Association of West Nile Virus incidences and urban morphology in the Twin Cities Metropolitan Area of Minnesota. *Association of American Geographers Conference*, Las Vegas, Nevada.

- **Ghosh, D.** October 2008. Spatiotemporal approaches to map West Nile Virus high-risk exposure areas at local scales using Geographic Information Science technologies. *American Public Health Association 136<sup>th</sup> Annual Meeting and Exposition*. San Diego, California
- **Ghosh, D.** June 2008. Spatiotemporal models to delineate West Nile Virus transmission cycles at various scales. *University Consortium for Geographic Information Science Summer Assembly*, Minneapolis, Minnesota.
- **Ghosh, D.**, Manson, S. M., and McMaster, R.B. April 2008. Novel approaches to delineate West Nile virus transmission cycles on a micro-scale using Geographic Information Science technologies. *Association of American Geographers Conference*, Boston, Massachusetts.
- **Ghosh, D.**, and Manson, S. M. October 2007. Traditional Vs Modern Clustering Techniques: A case study of West Nile Virus Incidence in Minnesota. *130<sup>th</sup> Annual Applied Geography Conference*, Indianapolis, Indiana.
- **Ghosh, D.**, and Manson, S. M. April 2007. Robust Principal Component Analysis and Geographically Weighted Regression: Urbanization in the Twin Cities Metropolitan Area of Minnesota. *Association of American Geographers Conference*, San Francisco, California.
- **Ghosh, D.** October 2006. What is the Quality of Knowledge of HIV/AIDS among Indian Women? An Empirical Analysis. *129<sup>th</sup> Applied Geography Conference*, Tampa, Florida.
- **Ghosh, D.** March 2006. Predicting Vulnerability of Indian Women to Domestic Violence Incident. *Association of American Geographers Conference*, Chicago, Illinois.
- **Ghosh, D.** November 2005. Application of Principal Component Analysis and GIS to delineate health care resource regions of Kansas. *128<sup>th</sup> Annual Applied Geography Conference*, Washington, DC.
- **Ghosh, D.** April 2005. Effect of Exposure to Mass Media on Knowledge and Use of Antenatal Care Services: A Comparative Analysis of Himachal Pradesh, Uttar Pradesh, Andhra Pradesh and Karnataka. *Association of American Geographers Conference*, Denver, Colorado.
- **Ghosh, D.** March 2005. Analysis of Spatial Inequalities of Health Care Resources in Kansas. *2<sup>nd</sup> Annual Graduate Student Research Summit*, Topeka, Kansas.
- **Ghosh, D.** October 2004. How the Electronic Mass Media Affects Knowledge and Awareness of HIV/AIDS in Indian Women – A Multivariate Logistic Regression Analysis. *127<sup>th</sup> Annual Applied Geography Conference*, St. Louis, Missouri.

### Teaching Experience

- 2014
- Instructor for 'Globalization'. Department of Geography, University of Connecticut. Undergraduate level.
  - Instructor for 'Medical and Health Care Geography', Department of Geography, University of Connecticut. Graduate and Undergraduate level.
- 2013
- Instructor for 'Globalization'. Department of Geography, University of Connecticut. Undergraduate level.
  - Instructor for 'Medical and Health Care Geography', Department of Geography, University of Connecticut. Graduate and Undergraduate level.
- 2012
- Instructor for 'Globalization'. Department of Geography, University of Connecticut. Undergraduate level.



- Instructor for 'Medical and Health Care Geography', Department of Geography, University of Connecticut. Graduate and Undergraduate level.
- Instructor for 'GIS Applications in Health Research'. Department of Geography, University of Connecticut. Graduate and Undergraduate level.
- 2011 • Instructor for 'Globalization'. Department of Geography, University of Connecticut. Undergraduate level.
- 2011 • Instructor for 'Medical Geography'. Department of Geography, Kent State University. Both Undergraduate and Graduate levels.
- 2010 • Instructor for 'Geographic Applications in Health Research'. Department of Geography, Kent State University. Both Undergraduate and Graduate levels.
- Instructor for 'Advanced Geographic Information Science'. Department of Geography, Kent State University. Both Undergraduate and Graduate levels.
- Instructor for 'Medical Geography'. Department of Geography, Kent State University. Both Undergraduate and Graduate levels.
- 2009 • Instructor for 'Advanced Geographic Information Science'. Department of Geography, Kent State University. Both Undergraduate and Graduate levels.
- 2005 • Teaching Assistant for two laboratory sections for the course titled 'Biogeography of the Global Garden'. Department of Geography, University of Minnesota.
- Teaching Assistant for 'World Regional Geography'. Department of Geography, Kansas State University.
- Teaching Assistant for 'Geography of US'. Department of Geography, Kansas State University.
- 2004 • Teaching Assistant for 'Geography of Tourism'. Department of Geography, Kansas State University.
- Teaching Assistant for 'World Regional Geography'. Department of Geography, Kansas State University.

### **Undergraduate Students**

#### **Past Students**

- Allison Bradshaw, MA. University of Connecticut. Graduated in 2013. (Role: Main Advisor)

### **Graduate Students**

#### **Current Students**

- Mengyao Zhang (PhD) (Role: Main Advisor)
- Curtis Denton (PhD) (Role: Main Advisor)

#### **Past Students**

- Allison Bradshaw, MA. University of Connecticut. Graduated in 2013. (Role: Main Advisor)
- Michael Allen, MA. Kent State University. Graduated in 2011. (Role: Committee Member)
- Saad Algharib, Ph.D. Kent State University. Graduated in 2011. (Role: Committee Member)

### **Service**

<b>Year</b>	<b>Category</b>	<b>Description</b>
Summ 2014	Article Review	Spatial and Spatio-temporal Epidemiology

*D. Ghosh - CV*

Spring 2014	Article Review	Journal of Health and Place
Spring 2014	Article Review	Social Science and Medicine
Spring 2014	UConn-CHIP	Proposal Review for Center for Health Intervention and Prevention internal grant on 'mHealth/eHealth research'
Spring 2014	Specialty Group	Review Committee Member for Jacques May Thesis Competition
Spring 2014	Conference Organization	Co-organizing several sessions on 'Spatial Epidemiology'. <i>Annual Conference of Association of American Geographers</i> . April 2014. Tampa, FL, USA.
Fall 2013	Department, UConn	Member of the search committee for the Assistant Professor Position, Fall 2013 – Spring 2014, Graduate Committee
Fall 2013	Article Review	International Journal for Geographic Information Science
Fall 2013	Article Review	Geographical Analysis
Spring 2013	Article Review	Geography Journal, Social Science and Medicine, Transaction in GIS, Remote Sensing.
Spring 2013	Department, UConn	Member of the search committee for the Head of the department, Fall 2012 – Summer 2013, Graduate Committee – Admissions
Spring 2013	Specialty Group	Travel Award for International Medical Geography Symposium AAG – Travel award, other duties, newsletter
Fall 2012	Proposal Review	Geography and Spatial Science (GSS), National Science Foundation
Fall 2012	Article Review	International Journal of Applied Geospatial Research
Fall 2012	Article Review	Cartography and Geographic Information Science
Fall 2012	Department, UConn	Member of the search committee for the 'Head' of the department, Fall 2012 – Summer 2013
Fall 2012	Article Review	International Journal of Geographic Information Science
Spring 2012	Article Review	Geographical Analysis
Spring 2012	Article Review	Journal of Health and Place
Spring 2012	Proposal Review	Geography and Spatial Science (GSS), National Science Foundation
Spring 2012	Specialty Group	Elected Chair for Health and Medical Geography Specialty Group 2012-2013
Spring 2012	Conference Organization	Co-organizing several sessions on 'Spatial Epidemiology'. <i>Annual Conference of Association of American Geographers</i> . April 2012. New York City, NY
Spring 2012	Department, UConn	Provided assistance to the in-residence faculty search, Department of geography, Avery Point Campus, University of Connecticut, AAG NY 2012
Fall 2011	Department, UConn	Member of the Graduate Committee, Department of Geography, University of Connecticut 2011-Present

Fall 2011	Article Review	Journal of Landscape and Urban Planning
Spring 2011	Article Review	Journal of Arab Geography
Spring 2011	Department, KSU	Member of campus wide research collaborative group: Health Disparity Research Council
Spring 2011	Conference Organization	Co-organizing several sessions on 'Spatial Epidemiology'. <i>Annual Conference of Association of American Geographers</i> . April 2011. Seattle, WA
Fall 2010	Article Review	Computers Environment and Urban Systems
Fall 2010	Article Review	International Journal for Geographic Information Science
Fall 2010	Article Review	International Journal of Health Geographies
Spring 2010	Conference Organization	Co-organized a session titled: "Perspectives on Geographic Complexity (3): Disease and Health Modeling". Annual Conference of Association of American Geographers. March 2010. Washington, DC
Spring 2010	Specialty Group	Elected At-Large Member: Health and Medical Geography Specialty Group, Association of American Geographers, 2010-2012
Spring 2010	Article Review	Journal of Applied Geography
Spring 2010	Article Review	Conference Proceedings of Applied Geography Conference
Spring 2010	Professional Development	Attended the workshop on 'Geography Faculty Development Alliance at University of Colorado, Boulder. National Science Foundation and Association of American Geographers support this workshop
Fall 2009	Professional Development	Attended 'CAREER Proposal Writing Workshop' organized by the Sponsored Program Office, Kent State University
Fall 2009	Department, KSU	Served as a member of the Geography Chair Search Committee, Kent State University
Fall 2009	Department, KSU	Coordinator for GIS Minor October 2009-September 2010. Department of Geography, Kent State University
Fall 2009	Department, KSU	Member of the Faculty Advisory Committee 2010-2012, Department of Geography, Kent State University

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### Professional Membership

- Association of American Geographers.
- Specialty Groups: Applied Geography, Asian Geography, Geographic Information Science and System, Medical Geography, Population, and Spatial Analysis and Modeling.
- American Public Health Association.
- International Social Network Analysis