

## TEXAS STATE VITA

### I. Academic/Professional Background

#### A. Name and Title

Name: Dr. Su Y. Han

Title: Assistant Professor

#### B. Educational Background

<i>Degree</i>	<i>Year</i>	<i>University</i>	<i>Major</i>	<i>Thesis/Dissertation</i>
PHD	2016	San Diego State University	Geography	
PHD	2016	Univ of California, Santa Barbara	Geography	Discovering Spatiotemporal Relationships between Cyberspace and Real Space and Re-examining Theories in Geography with Social Media and Big Data
MA	2012	Univ of Illinois Urbana-Champaign	Geography	A CyberGIS Environment for Spatiotemporal Analysis: A Case Study of China Mortality Data
BA	2009	Univ of North Carolina-General Ad	Geography	

#### C. University Experience

<i>Position</i>	<i>University</i>	<i>Comments</i>	<i>Dates</i>
Assistant Professor, Geography and Environmental Studies	Texas State University. San Marcos, TX, United States		September 1, 2022 - Present
Teaching Assistant Professor, Geography and Geographic Information Science	University of Illinois at Urbana Champaign. Champaign, IL, United States		January 16, 2021 - August 15, 2022
Post-doctoral Research Associate, CyberGIS Center for Advanced Digital and	University of Illinois at Urbana-Champai		May 15, 2020 - January 15, 2021

<i>Position</i>	<i>University</i>	<i>Comments</i>	<i>Dates</i>
Spatial Studies	gn. Urbana, IL, United States		
Post-doctoral Researcher, Center for Human Dynamics in Mobile Ages	San Diego State University. San Diego, CA, United States		December 20, 2019 - May 14, 2020
Post-doctoral Researcher, Center for Geospatial Sciences	University of California, Riverside. Riverside, CA, United States		December 20, 2017 - December 19, 2019
Post-doctoral researcher, Center for Human Dynamics in Mobile Ages	San Diego State University. San Diego, CA, United States		October 1, 2016 - December 19, 2017
Research Assistant, Geography	San Diego State University. San Diego, United States		August 20, 2012 - August 20, 2016
Research Assistant, Geography and Geographic Information Science	University of Illinois at Urbana Champaign. Urbana, IL, United States		August 20, 2010 - August 19, 2012

## II. TEACHING

### B. Courses Taught:

Texas State University:

GEO 2426 - FUNDMNTLS OF GIS

GEO 3411 - MAPS & MAPMAKING

GEO 5395 - PROBLEMS IN APPLIED GEOGRAPHY

GEO 7361 - ADV GEO INFO SYS

GEO 7362 - GEOVISUALIZATION

University of Illinois at Urbana Champaign:

GEOG 205 - Business Location Decisions

GEOG 380 - GIS II: Spatial Prob Solving

GEOG 479 - Advanced Topics in GIS

GEOG 489 - Programming for GIS

GEOG 517 - Geospatial Visualization & Visual Analytics

D. Courses Prepared and Curriculum Development:

GEO 7361 ADV GEO INFO SYS, First Time Course Preparation, Texas State University.  
Approved: July 2023 - August 2023.

GEOVISUALIZATION - 39491 - GEO 7362, First Time Course Preparation, Texas  
State University. Taught: December 2022 - January 2023.

Additional Comments: I worked on preparing students' hands-on exercises and  
lecture materials.

**III. SCHOLARLY/CREATIVE**

A. Works in Print (including works accepted, forthcoming, in press):

2. Articles:

a. Refereed Journal Articles:

Han, S. Y., Kang, J.-Y., Lyu, F., Baig, F., Smilovsky, D., Park, J., & Wang, S.  
(2023). A cyberGIS approach to exploring neighborhood-level social  
vulnerability for disaster risk management. *Transactions in GIS*, 00, 1–17.  
<https://doi.org/10.1111/tgis.13106>

Park, J., Michels, A. C., Lyu, F., HAN, S. Y., & Wang, S. (2023). Daily changes  
in spatial accessibility to intensive care unit (ICU) beds and their relationship  
with the case-fatality ratio of COVID-19 in the state of Texas, USA. *Health  
and Place*, 154, 102929. <https://doi.org/10.1016/j.apgeog.2023.102929>

Lyu, F., Wang, S., Han, S. Y., Catlett, C., & Wang, S. (2022). An integrated  
cyberGIS and machine learning framework for fine-scale prediction of Urban  
Heat Island using satellite remote sensing and urban sensor network data.  
*Urban Informatics*, 1. Published. <https://doi.org/10.1007/s44212-022-00002-4>

Rey, S., Han, S. Y., Kang, W., Knaap, E., & Cortes, R. X. (2020). A Visual  
Analytics System for Space–Time Dynamics of Regional Income  
Distributions Utilizing Animated Flow Maps and Rank-based Markov Chains.  
*Geographical Analysis*, 52, 537–557. <https://doi.org/10.1111/gean.12239>

- Kang, W., Rey, S., Wolf, L., Knaap, E., & Han, S. Y. (2020). Sensitivity of sequence methods in the study of neighborhood change in the United States. *Computers, Environment and Urban Systems*, 81. Published. <https://doi.org/10.1016/j.compenvurbsys.2020.101480>
- Han, S. Y., Rey, S., Knaap, E., Kang, W., & Wolf, L. (2019). Adaptive Choropleth Mapper: An Open-Source Web-based Tool for Synchronous Exploration of Multiple Variables at Multiple Spatial Extents. *ISPRS International Journal of Geo-Information*, 8(11), 509. <https://doi.org/10.3390/ijgi8110509>
- Han, S. Y., Tsou, M.-H., Knaap, E., Rey, S., & Cao, G. (2019). How Do Cities Flow in an Emergency? Tracing Human Mobility Patterns during a Natural Disaster with Big Data and Geospatial Data Science. *Urban Science*, 3(2), 51. <https://doi.org/10.3390/urbansci3020051>
- Han, S. Y., Tsou, M.-H., & Clarke, K. C. (2017). Revisiting the death of geography in the era of Big Data: the friction of distance in cyberspace and real space. *International Journal of Digital Earth*, 11(5), 451–469. <https://doi.org/10.1080/17538947.2017.1330366>
- Yang, J.-A., Tsou, M.-H., Jung, C.-T., Jung, C.-T., Allen, C., Spitzberg, B. H., ... Han, S. Y. (2016). Social media analytics and research testbed (SMART): Exploring spatiotemporal patterns of human dynamics with geo-targeted social media messages. *Big Data & Society*, 3(1). <https://doi.org/10.1177/2053951716652914>
- Han, S. Y., Tsou, M.-H., & Clarke, K. C. (2015). Do Global Cities Enable Global Views? Using Twitter to Quantify the Level of Geographical Awareness of US Cities. *Plos One*, 10(7), e0132464. <https://doi.org/10.1371/journal.pone.0132464>
- Nagel, A. C., Tsou, M.-H., Spitzberg, B. H., An, L., Gawron, M., Gupta, D. K., ... Sawyer, M. H. (2013). The complex relationship of realspace events and messages in cyberspace: case study of influenza and pertussis using tweets. *Journal of Medical Internet Research*, 15, e237. <https://doi.org/10.2196/jmir.2705>
- Tsou, M.-H., Yang, J.-A., Lusher, D., Han, S. Y., Spitzberg, B., Gawron, J. M., ... An, L. (2013). Mapping social activities and concepts with social media (Twitter) and web search engines (Yahoo and Bing): a case study in 2012 US Presidential Election. *Cartography and Geographic Information Science*, 40, 337–348. <https://doi.org/10.1080/15230406.2013.799738>

Tsou, M.-H., Kim, I.-H., Wandersee, S., Lusher, D., An, L., Spitzberg, B., ... Han, S. Y. (2013). Mapping ideas from cyberspace to realspace: visualizing the spatial context of keywords from web page search results. *International Journal of Digital Earth*, 7(4), 316–335.  
<https://doi.org/10.1080/17538947.2013.781240>

### 3. Conference Proceedings:

#### a. Refereed Conference Proceedings:

Baig, F., Michaels, A., Xiao, Z., Han, S. Y., Padmanabhan, A., Li, Z., & Wang, S. (2022). CyberGIS-Cloud: A unified middleware framework for cloud-based geospatial research and education (pp. 1–4). Practice and Experience in Advanced Research Computing. <https://doi.org/10.1145/3491418.3535148>

Park, J., Zhang, H., Han, S. Y., Nara, A., & Tsou, M.-H. (2020). Estimating Hourly Population Distribution Patterns at High Spatiotemporal Resolution in Urban Areas Using Geo-Tagged Tweets and Dasymetric Mapping. Leibniz International Proceedings in Informatics.  
<https://doi.org/10.4230/LIPIcs.GIScience.2021.I.10>

Rey, S., Knaap, E., Han, S. Y., Wolf, L., & Kang, W. (2018). Spatio-temporal analysis of socioeconomic neighborhoods: The Open Source Longitudinal Neighborhood Analysis Package (OSLNAP) (pp. 121–128).  
<https://doi.org/10.25080/Majora-4af1f417-012>

Tsou, M.-H., Jung, C.-T., Allen, C., Yang, J.-A., Han, S. Y., Spitzberg, B. H., & Dozier, J. (2017). Building a real-time geo-targeted event observation (Geo) viewer for disaster management and situation awareness (pp. 85–98). Springer International Publishing. [https://doi.org/10.1007/978-3-319-57336-6\\_7](https://doi.org/10.1007/978-3-319-57336-6_7)

Han, S. Y., Clarke, K., & Tsou, M.-H. (2017). Animated Flow Maps for Showing Human Movement: Two Demonstrations with Air Traffic and Twitter Data (pp. 1–10). Proceedings of the 1st ACM SIGSPATIAL Workshop on Analytics for Local Events and News.  
<https://doi.org/10.1145/3148044.3148049>

Tsou, M.-H., Jung, C.-T., Allen, C., Yang, J.-A., Gawron, J.-M., Spitzberg, B. H., & Han, S. Y. (2015). Social Media Analytics and Research Test-bed (SMART Dashboard) (pp. 1–7). In Proceedings of the 2015 International Conference on Social Media & Society. <https://doi.org/10.1145/2789187.2789196>

Ye, F., Shi, X., Wang, S., Liu, Y., & Han, S. Y. (2011). Spherical interpolation over graphic processing units (pp. 38–41). Proceedings of the ACM SIGSPATIAL Second International Workshop on High Performance and

Distributed Geographic Information Systems.  
<https://doi.org/10.1145/2070770.2070777>

## B. Works Not in Print:

### 1. Papers Presented at Professional Meetings:

Han, S. Y., Annual Meeting of the Association of American Geographers, "CyberGIS-VIS and Vulnerable Neighborhood Explorer," Denver, CO, United States. (March 25, 2023).

Han, C., Han, S. Y., Baig, F., Wang, S., Annual Meeting of the Association of American Geographers, "A CyberGIS-enabled Pandemic Warning System Using Social Media Data," Annual Meeting of the Association of American Geographers, New York, NY, United States. (April 2022).

Han, S. Y., Han, C., Baig, F., Liu, C., Wang, S., Annual Meeting of the Association of American Geographers, "Recent Advances in CyberGIS-Viz for Democratizing Access to Scalable Geovisualization," Annual Meeting of the Association of American Geographers, New York City, NY, United States. (April 2022).

Han, S. Y., Rey, S., Knapp, E., Kang, W., Wolf, L., 115th Annual Meeting of the Association of American Geographers, "Adaptive Choropleth Mapper: A Web-based Tool for Synchronous Exploration of Multiple Variables at Multiple Spatial Scales," Washington DC, United States. (April 2019).

Han, S. Y., Tsou, M.-H., Knaap, E., Rey, S., 49th Annual Urban Affairs Conference, "How Do Cities Flow in an Emergency? Tracing Human Mobility Patterns during a Natural Disaster with Big Data and Spatial Data Science," Los Angeles, LA, United States. (April 2019).

Knaap, E., Rey, S., Wolf, L., Han, S. Y., Kang, W., 49th Annual Urban Affairs Conference, "OSNAP! Introducing the Open-Source Neighborhood Analysis Package," Los Angeles, LA, United States. (April 2019).

Kang, W., Rey, S., Wolf, L., Knapp, E., Han, S. Y., 65th Annual North American Meetings of the Regional Science Association International, "Fishing for Neighborhood Trajectory Patterns in the United States – A Comparison of Sequence Analysis Methods," San Antonio, TX, United States. (November 2018).

Rey, S., Knaap, E., Han, S. Y., Wolf, L., Kang, W., Scipy 2018, "Spatio-temporal Analysis of Socioeconomic Neighborhoods: The Open Source Longitudinal Neighborhood Analysis Package (OSLNAP)," Austin, TX, United States. (July 2018).

Han, S. Y., Clarke, K. C., Tsou, M.-H., 1st ACM SIGSPATIAL International Workshop on Analytics for Local Events and News (LENS 2017), "Animated Flow Maps for Showing Human Movement: Two Demonstrations with Air Traffic and Twitter Data," Redondo Beach, CA, United States. (November 2017).

Tsou, M.-H., Zhang, H., Nara, A., Han, S. Y., 2nd International Symposium on Spatiotemporal Computing, "Estimating Hourly Population Distribution Change at High Spatiotemporal Resolution in Urban Areas using Geo-tagged Tweets and Dasymetric Maps," Cambridge, MA, United States. (August 2017).

Han, S. Y., Tsou, M.-H., 113th Annual Meeting of the Association of American Geographers, "Estimating and Mapping Dynamically Changing Population using Twitter Data," Boston, MA, United States. (April 2017).

Tsou, M.-H., Han, S. Y., Nara, A., Gibbons, J., Thompson, C. A., Conference on Geospatial Approaches to Cancer Control and Population Sciences, "An Interactive Web Mapping Tool for Visualizing Cancer Disparity with Socioeconomic Variables," Bethesda, MD, United States. (September 2016).

Han, S. Y., Tsou, M.-H., AutoCarto 2016, "Dynamic Population Mapping Using Social Media Data (Twitter)," Albuquerque, United States. (September 2016).

Han, S. Y., Tsou, M.-H., Clarke, K. C., 112th Annual Meeting of the Association of American Geographers, "Using Social Media (Twitter) to Measure the Effect of Distance Decay on Spatial Interaction between Cyberspace and Real space," San Francisco, CA, United States. (April 2016).

Han, S. Y., Tsou, M.-H., Clarke, K. C., 111th Annual Meeting of the Association of American Geographers, "A CyberGIS for Dynamic Heatmap: Exploring the Level of Geographical Awareness Using Social Media Data (Twitter)," Chicago, IL, United States. (April 2015).

Han, S. Y., Tsou, M.-H., Clarke, K. C., 111th Annual Meeting of the Association of American Geographers, "Global Cities enable Global Views? Using Social Media (Twitter) to Quantify the Level of Geographical Awareness for Their Users in Different Cities," Chicago, IL, United States. (April 2015).

Han, S. Y., International Conference on Location-Based Social Media Data, "Using social media (Twitter) to reveal human mobility patterns in different cities," Athens, GA, United States. (March 2015).

Han, S. Y., 110th Annual Meeting of the Association of American Geographers, "Spatiotemporal Change of Geographical Awareness in U.S.: Knowledge Discovery from Social Media Messages and Big Data," Tampa, FL, United States. (April 2014).

Han, S. Y., 109th Annual Meeting of the Association of American Geographers, "The Variety of Analyzing and Visualizing the Spatial Distribution of Web Pages and Social Media (Twitter)," Los Angeles, LA, United States. (April 2013).

## 2. Invited Talks, Lectures, and Presentations:

Han, S. Y., "Recent Advances in CyberGIS-Viz for Democratizing Access to Scalable Geovisualization," Department of Geography and Environmental Studies at Texas State University, San Marcos, TX, United States. (April 2022).

Han, S. Y., Colloquium Talk, "Recent Advances in CyberGIS-Viz for Democratizing Access to Scalable Geovisualization," Department of Geography at the University of Wisconsin – Madison, Madison, WI, United States. (March 2022).

Han, S. Y., Colloquium Talk, "Recent Advances in CyberGIS-Viz for Democratizing Access to Scalable Geovisualization," Department of Geography at Virginia Tech, Blacksburg, VT, United States. (March 2022).

Han, S. Y., COVID-19 Webinar, "A CyberGIS Approach to Exploring Neighborhood-level COVID-19 Vulnerability." (October 2020).

Han, S. Y., Technical Workshops: Geospatial Fellows for Advancing COVID-19 Research & Education, "Visual Analytics in CyberGISX." (October 2020).

Han, S. Y., Colloquium Talk, "How Do Cities Flow in an Emergency? Tracing Human Mobility Patterns during a Natural Disaster with Big Data and Geospatial Data Science," Department of Geography at University of Connecticut, Storrs, CT, United States. (January 2020).

Han, S. Y., Colloquium Talk, "How Do Cities Flow in an Emergency? Tracing Human Mobility Patterns during a Natural Disaster with Big Data and Geospatial Data Science," Department of Global & Sociocultural Studies at Florida International University, Miami, FL, United States. (April 2019).

Han, S. Y., Colloquium Talk, "Social media, Big Data and Web-based GIS," Department of Geography & Environmental Studies at the University of New Mexico, Albuquerque, NM, United States. (February 2019).

Han, S. Y., Colloquium Talk, "Social media, Big Data and Web-based GIS," Department of Geography at University of Tennessee, Knoxville, Knoxville, TN, United States. (February 2019).

Han, S. Y., Colloquium Talk, "Social media, Big Data and Web-based GIS applications," Department of Geography at University of Utah, Salt Lake City, UT, United States. (December 2018).

Han, S. Y., GIS day, "A Web-based GIS Application for Longitudinal Neighborhood Analysis," Riverside, CA, United States. (October 2018).

Han, S. Y., Colloquium Talk, "The Use of Social Media, Big Data and Web-based GIS for Disaster Response and Management," Department of Geography, Environment, and Sustainability at University of North Carolina, Greensboro, Greensboro, NC, United States. (February 2018).

Han, S. Y., Geographical Information Science Research Seminar, "Social Media, Big Data and Web-based GIS," Department of Geography at McGill University, Montreal, Canada. (January 2018).

Han, S. Y., Tsou, M.-H., Summer Specialist Meeting (Workshop) Social Media Analytics and Decision Support Systems: Applications to Public Health and Crisis Management, "A Highly Interactive and User-Friendly Web GIS Application for Real-Time Visualization of Social Media Data: A Case Study of Disaster Monitoring and Response during Wildfire in San Diego," San Diego, CA, United States. (August 2017).

Han, S. Y., Colloquium Talk, "Discovering Spatiotemporal Relationships between Cyberspace and Real Space and Re-examining Theories in Geography with Social Media and Big Data & Web-based GIS," Department of Geography, University of Missouri, Columbia, MO, United States. (April 2017).

Han, S. Y., Colloquium Talk, "Discovering Spatiotemporal Relationships between Cyberspace and Real Space and Re-examining Theories in Geography with Social Media and Big Data & Web-based GIS," Department of Geography & the Environment, University of Denver, Denver, CO, United States. (February 2017).

Han, S. Y., Tsou, M.-H., Nara, A., Gibbons, J., Thompson, C. A., Hackathon, "An Interactive Web-based GIS for Visualizing the Correlation Between Different Types of Chronic Diseases and Socioeconomic and Demographic Factors," San Diego State University, San Diego, CA, United States. (December 2016).

Han, S. Y., Tsou, M.-H., Nara, A., Gibbons, J., Thompson, C. A., Summer Specialist Meeting (Workshop) Human Dynamics and Big Data, "Web-based Geo Visualization

Application for Mapping Cancer Mortality Rates in San Diego County," San Diego State University, San Diego, CA, United States. (August 2016).

Han, S. Y., UCSB Geography Colloquium, "Exploring Social Media Data (Twitter): Estimating the Level of Geographical Awareness and Visualizing Human Travel Patterns of Twitter Users in Different US Cities," Santa Barbara, CA, United States. (April 2015).

Jung, C.-T., Allen, C., Han, S. Y., Tsou, M.-H., GIS day, "A Geo-Targeted Search Tool for Analyzing Twitter Messages," Santa Barbara, CA, United States. (November 2014).

Han, S. Y., Wang, S., 108th Annual Meeting of the Association of American Geographers, "Web based GIS application empowered by visual data exploration and spatial analysis for public health practitioners," New York, NY, United States. (February 2012).

#### 4. Workshops:

Han, S. Y., Workshop in International Conference on Location-Based Social Media Data, "Collecting Tweets Using Streaming API and Data Filtering," Athens, United States. (March 2015).

#### 5. Other Works not in Print:

##### a. Works "submitted" or "under review":

###### Journal Articles:

Xu, J., Merson, C., Han, S. Y., Zhang, J., Ramesh, N., Su, Y., & Tsou, M.-H. (Submitted / Under Review). Spatiotemporal Analysis of Neighborhood-level COVID-19 Vaccination Rates and Corresponding Social Determinants of Health (SDOH) in San Diego, California. *Spatial and Spatio-Temporal Epidemiology*. (November 22, 2023)

##### c. Other Works Not in Print:

###### Posters:

Qin, M., Han, S. Y., Han, C., Liu, C., Wang, S., GIS day, "Application of Multi-scale geographically weighted regression (MGWR) on HIV," Urbana Champaign, IL, United States. (November 2021).

Liebersohn, B., Han, S. Y., Qin, M., Zhang, Y., Peng, B., GIS day, "Social Media and Visualization: Human Mobility During a Pandemic: Chicago

and the Illinois Stay At Home Order," Urbana Champaign, IL, United States. (November 2020).

Liang, Y., Li, Z., Jaroenchai, N., Padmanabhan, A., Han, S. Y., Wang, S., Wang, S., GIS day, "Where Covid-19 Space-Time Explorer Web App," Urbana Champaign, United States. (November 2020).

Han, S. Y., Tsou, M.-H., Nara, A., Gibbons, J., Ilango, S., Thompson, C., The Partnership's annual Program Steering Committee (PSC) meeting, "A Web-based Geographic Information System (GIS) for Visualizing Cancer Disparity with Socioeconomic and Demographic Variables," San Diego State University, San Diego, CA, United States. (March 2017).

Ilango, S., Torres, K., Doshi, V., Obrochta, C., Tsou, M.-H., Nara, A., Gibbons, J., Han, S. Y., Gomez, S., Shariff-Marco, S., Thompson, C. A., Conference on Geospatial Approaches to Cancer Control and Population Sciences, "A Systematic Review of Research Utilizing Geospatial Analytic Approaches to Describe and Understand the Burden of Screening-Detectable Cancers in the United States," Bethesda, MD, United States. (September 2016).

Tsou, M.-H., Jung, C.-T., Allen, C. T., Yang, J.-A., Han, S. Y., Spitzberg, B. H., Dozier, J., Social Media & Society 2016 International Conference, "Geo-targeted Event Observation Viewer (GeoViewer) for Situation Awareness with Advanced Mapping and Visualization Functions," London, United Kingdom. (July 2016).

Han, S. Y., Tsou, M.-H., Torres, K., Nara, A., Gibbons, J., Doshi, V., Ilango, S., Thompson, C., ESRI International User Conference, "Web-based Geo-Visualization Application for Mapping Cancer Mortality Rates in San Diego County," San Diego, CA, United States. (June 2016).

Han, S. Y., Chris, A., Tsou, M.-H., ESRI International User Conference, "Mapping Social Activities with Twitter: A Case Study in 2012 US Presidential Election," San Diego, CA, United States. (June 2013).

#### C. Scholarly / Creative Grants and Contracts:

##### 2. Submitted, but not Funded, External Grants and Contracts:

Kim, Jun (Principal), Percent Contribution: 50%, Xu, Xiaofan (Co-Principal), Percent Contribution: 27%, Han, Su Yeon (Co-Principal), Percent Contribution: 23%. Water-quality Information Systems Engineering (WISE), Coway Ltd., Private / Foundation / Corporate, \$71,010.00. (Submitted: September 22, 2023). Grant.

4. Submitted, but not Funded, Internal Grants and Contracts:

Han, Su Yeon (Principal). TXST CADS Catalyst Research Grant, Texas State University, \$4,000.00. (Submitted: December 22, 2023). Grant.

Han, Su Yeon (Principal), Percent Contribution: 50%, Yuan, Yihong (Co-Principal), Percent Contribution: 50%. The Growing Pains of Austin: Urban Development and Its Implications —A Study on Social Inequality and Accessibility Amidst Rapid Expansion, Research Enhancement Program (REP), Texas State University, \$16,000.00. (Submitted: October 6, 2023). Grant.

Han, Su Yeon. A web-based GIS for prompt identification of socially vulnerable communities in the face of disasters: A case study of COVID-19 pandemic, Harris County, Houston, Texas, Research Enhancement Program (REP), Texas State University, \$8,000.00. (Submitted: October 7, 2022). Grant.

F. Media Recognition:

Internet, CNBC TV18. (July 24, 2018).

Additional Comments: People interacting more with near ones, despite digital revolution (My publication was featured at CNBC TV18)  
<https://tinyurl.com/y4xmjqux>

Internet, OrissaPOST. (July 23, 2018).

Additional Comments: People interacting more with near ones, despite digital revolution (My publication was featured at OrissaPOST)  
<https://tinyurl.com/y5z4ok3r>

Internet, ScienceDaily. (July 18, 2018).

Additional Comments: Despite Digital Revolution, Distance Still Matters (My publication was featured at ScienceDaily)  
<https://www.sciencedaily.com/releases/2018/07/180718092454.htm>

Internet, Tech Xplore. (July 18, 2018).

Additional Comments: Despite Digital Revolution, Distance Still Matters (My publication was featured at Tech Xplore) <https://tinyurl.com/y6gr65x9>

Internet, SDSU news. (July 2, 2018).

Additional Comments: Despite Digital Revolution, Distance Still Matters (My publication was featured at SDSU news)  
[http://newscenter.sdsu.edu/sdsu\\_newscenter/news\\_story.aspx?sid=77277](http://newscenter.sdsu.edu/sdsu_newscenter/news_story.aspx?sid=77277)

Internet, UCSB news. (August 17, 2015).

Additional Comments: Tweeting Far and Wide (My publication was featured at UCSB news) <http://www.news.ucsb.edu/2015/015815/tweeting-far-and-wide>

Internet, CITY LAB, Bloomberg Media. (August 5, 2015).

Additional Comments: Does Living in a Global City Make You More Globally Aware? (My publication was featured at CITY LAB, Bloomberg Media)  
<https://www.citylab.com/life/2015/08/does-living-in-a-global-city-make-you-more-globally-aware/400247>

#### **IV. SERVICE**

##### **A. Institutional**

###### **3. Department/School:**

Member, Graduate Committee. (September 1, 2023 - May 31, 2024).

Member, Evaluation Committee. (September 1, 2022 - May 15, 2024).

Member, Undergraduate Committee. (September 1, 2022 - May 15, 2023).

##### **B. Professional:**

Reviewer / Referee, Transactions in GIS. (December 23, 2023).

Reviewer / Referee, Cartography and Geographic Information Science. (September 12, 2023).

Reviewer / Referee, The Professional Geographer. (August 9, 2023).

Reviewer / Referee, NATIONAL SCIENCE FOUNDATION. (February 27, 2023).

Additional Comments: I reviewed a proposal received for consideration by the Human-Environment and Geographical Sciences (HEGS) Program at the U.S. National Science Foundation (NSF).

Reviewer / Referee, ISPRS International Journal of Geo-Information. (February 21, 2023).

Reviewer / Referee, ISPRS International Journal of Geo-Information. (February 20, 2023).

G. Service Professional Development Activities Attended:

Workshop, "KSEA SCIENTISTS AND ENGINEERS EARLY CAREER DEVELOPMENT (SEED)," Korean-American Scientists and Engineers Association (KSEA), Dallas, United States. (August 1, 2023 - August 2, 2023).

STEP, "Scholarship and Teaching Excellence Program," Faculty Development, San Marcos, TX, United States. (August 30, 2022 - April 30, 2023).