

Dr. Christi G. Townsend
Texas State University
Department of Geography and Environmental Studies
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Education

PHD, Texas State University, 2012
Major: Environmental Geography
Advisor: Dr. David R. Butler
Dissertation: An Evaluation of Natural Hazard Awareness Among Viticulturists in Texas

MAG Geography, Texas State University, 2007
Major: Geographical Resource and Environmental Studies
Advisor: Dr. James Kimmel
Directed Research: A Geographic History of the Diversion of the Brazos River at Freeport, Texas.

BA, University of Texas at Austin, 2000
Major: Double Major in Geology and Geography

Professional Positions

Senior Lecturer, Geography and Environmental Studies, Texas State University. (2016 - Present)

Lecturer, Geography, Texas State University. (2013 - 2016)

Geography and GIS Lecturer, Texas Lutheran University. (2012 - 2013)

Geography Lecturer, University of Texas at San Antonio. (2012 - 2013)

Doctoral Graduate Assistant and Instructor, Texas State University-San Marcos. (2008 - 2012)

NSF "Flowing Waters" GK-12 Fellow, Texas State University. (2010 - 2011)

Water Quality Intern, Texas Commission on Environmental Quality. (2007)

Public Policy Research Assistant, Greater Austin Chamber of Commerce. (2005)

Program Specialist, Texas Commission on Environmental Quality. (2000 - 2005)

"Earth Camp" Instructor, City of Austin Watershed Protection Department. (2000)

Undergraduate Research Assistant, University of Texas at Austin Bureau of Economic Geology. (1998 - 1999)

Professional and Academic Memberships

American Association of Geographers

Alpha Chi National College Honor Society

Student Scholar: James and Marilyn Lovell Center for Environmental Geography and Hazards Research at Texas State University-San Marcos. (2008 - 2012)

Awards, Honors, and Scholarships

Teaching Award of Honor, Texas State Alumni Association. (2020)

Alpha Chi Favorite Professor, The Alfred H. Nolle Chapter of the Alpha Chi National College Honor Society. (2018 and 2015)

2nd Place, Association of American Geographers Wine Specialty Group Student Paper Competition. (2012)

The Sally Ann Karnau Dissertation Research Scholarship. (2011)

National Science Foundation GK-12 "Project Flowing Waters". (2010 - 2011)

Texas State University Graduate College Scholarship. (2009 - 2011)

The Adriana Samantha Visser Memorial Scholarship. (2010)

The Irene Wahl Geography Scholarship. (2009)

Bloomer Fund Scholarship for Motivated Students. (2000)

John and Elizabeth M. Teagle Scholarship in Petroleum Geology. (1999)

Consulting

Academic – Physical Geography Textbook Chapter Preparation, Cengage, United States. (February 2020 - October 2020).

Academic – Physical Geography Online Instructional Materials Preparation, Cengage, San Francisco, CA, United States. (September 2018 - December 2018).

Media Appearances and Interviews

The Texas Standard on National Public Radio (November 23, 2017)

Publications

Book Chapters

Myles, C., K. Collins, & C. Townsend. (2022) "Wine, deep in the heart of Texas"; *Routledge Handbook of Wine and Culture* edited by S. Charters, M. Demossier, J. Dutton, G. Harding, D. Marks, J. Smith Maguire, and T. Unwin.

Tiefenbacher, J. P., & Townsend, C. G. (2020). The Semiofoodscape of Wine: The Changing Landscape of the Cultures of Making, Selling, and Drinking Wine. *Handbook of the Changing World Language Map*: 4103-4145.

Journal Articles

Olson, Eric J., and Christi G. Townsend (2018). "An ArcGIS Model for Avalanche Risk Assessment in the North Cascades, Washington." *Papers in Applied Geography* 4, no. 2: 193-204.

Dixon, Richard W., James N. Hervey, Todd W. Moore, and Christi G. Townsend (2018). "Baseline Climatology of Sounding-Measured Variates Associated with Atlantic and Gulf Coast Tropical Cyclone Tornado Clusters." *Papers in Applied Geography* 4, no. 1: 113-121.

Dixon, R. W., Moore, T. W., & Townsend, C. G. (2016). Baseline Climatology of Sounding-Derived Parameters Associated with Atlantic and Gulf Coast Tropical Cyclone Tornado Clusters. *Papers in Applied Geography*, 1–8.

Townsend, Christi G., Matthew H. Connolly, and Clayton J. Whitesides (2016). "'My Friend, The Fire Ant': A Preliminary Analysis of the Role of Fire Ants in Grapevine Health." *Papers in Applied Geography* 2, no. 1: 85-95.

Dixon, R. W., Peters, S. L., & Townsend, C. G. (2015). Burrowing Preferences of Atlantic Ghost Crab, *Ocypode quadrata*, In Relation to Sand Compaction in Padre Island National Seashore, Texas. *Physical Geography*, 1–14.

Hiner, C. C., Townsend, C. G., & Lavy, B. L. (2014). Harm J. de Blijs 1983 Wine: A Geographic Appreciation. *Progress in Physical Geography*, 38(5), 674–684.
<https://doi.org/10.1177/0309133314540691>

Townsend, C. G., & Hellman, E. W. (2014). Viticulture in Texas: The Challenge of Natural Hazards. *Journal of Wine Research*, 25(4), 211–228.

Townsend, C. G. (2011). Viticulture and the Role of Geomorphology: General Principles and Case Studies. *Geography Compass*, 5(10), 750–766. <https://doi.org/10.1111/j.1749-8198.2011.00449.x>

- Townsend, C. G. (2010). *Natural hazard perception among Texas Hill Country viticulturists*. 203–212. Fort Worth, Texas: Papers of the Applied Geography Conference 33.
- Townsend, C. G. (2004). Dry Cleaner Fund. In *The Advocate*. A publication for the Texas Commission on Environmental Quality
- Townsend, C. G. (2004). Rules Roundup: Confined Animal Feeding Operations, Criminal Enforcement, Dry Cleaners, Phase I PBR Study, Rock Crushers, and TERP. In *The Advocate*. A publication for the Texas Commission on Environmental Quality
- Townsend, C. G. (2004). What's New with TCEQ Rules. In *The Advocate*. A publication for the Texas Commission on Environmental Quality
- Townsend, C. G. (2003). Dry Cleaning Rules to Require Registration, Fees, and New Standards. In *The Advocate*. A publication for the Texas Commission on Environmental Quality

Published Abstracts

- Townsend, C. G. (2012). *A Historical Geography of Wine Production in Chile and Argentina*.
- Townsend, C. G., & Tiefenbacher, J. (2011). *Spatial Change in South American Viticulture: Static Factors and Dynamic Processes in Past, Present and Future Chilean and Argentinean Land Use*.
- Tiefenbacher, J., & Townsend, C. G. (2011). *Spatial Shifts of the Wine Industry from 1961 to 2008: An Empirical Framework for Understanding the Geography of Wine Production*.
- Townsend, C. G. (2010). *How do Vineyard Operators and Winemakers Perceive Natural Hazards in The Texas Hill Country Appellation?*
- Townsend, C. G. (2010). *Natural hazard perception among Texas Hill Country viticulturists*.
- Townsend, C. G. (2009). *A Geographic History of the Diversion of the Brazos River at Freeport, Texas*.
- Townsend, C. G. (2009). *Do Texas High School Graduates Know Geography? An Assessment of World Geography Knowledge Among College Freshman*.

Paper Presentations and Posters

- Townsend, C. G., American Association of Geographers, "My Friend, The Fire Ant: A Preliminary Analysis of the Role of Fire Ants in Grapevine Health," Boston, MA, United States. (April 2017)
- Townsend, C. G., Applied Geography Conference, "The Challenge of Growing Wine Grapes in the Hill Country: An Evaluation of Changing Grower Perceptions of Natural Hazards in Texas Vineyards," San Antonio, TX. (November 2016)
- Townsend, C. G., American Association of Geographers Annual Meeting, "The Impact and Legacy of Harm J. de Blij's 1983 Wine: A Geographic Appreciation," Chicago, IL. (April 2016)
- Townsend, C. G., The Annual Meeting of the Association of American Geographers, "The 2015 Central Texas Memorial Day Flood: Identifying Motivations for and Barriers to Volunteering," San Francisco, CA. (March 2016)
- Townsend, C. G., Connolly, M. H., Joint Annual Meeting of the Applied Geography Conference and Southwest Association of American Geographers, "My Friend, the Fire ant: A Preliminary Analysis of the Role of Fire Ants in Grapevine Health," San Antonio, TX. (November 2015)
- Townsend, C. G., Connolly, M. H., Joint Annual Meeting of the Applied Geography Conference and Southwest Association of American Geographers, "Texas Viticulture: Changing Grower Perceptions of Natural Hazards," San Antonio, TX. (November 2015)
- Townsend, C. G., Association of American Geographers Annual Meeting, "The Impact and Legacy of Harm J. de Blij's 1983 Wine: A Geographic Appreciation," Chicago, IL. (April 2015)
- Townsend, C. G., Association of American Geographers Annual Meeting, "Texas Viticulture: Changing Grower Perceptions of Natural Hazards," Tampa, FL. (April 2014)

- Townsend, C. G., Texas Wine and Grape growers' Association, "Natural Hazards and Texas Viticulture: Findings from a doctoral dissertation research study," San Marcos, TX. (February 16, 2013)
- Townsend, C. G., Association of American Geographers Annual Meeting, "A Historical Geography of Wine Production in Chile and Argentina," New York, NY. (February 2012)
- Townsend, C. G., Regional Geographic Conference of the International Geographic Union, "Spatial Change in South American Viticulture: Static Factors and Dynamic Processes in Past, Present and Future Chilean and Argentinean Land Use," Santiago, Chile. (November 2011)
- Townsend, C. G., The Annual Meeting of the Association of American Geographers, "Mountain Viticulture and the Role of Anthropogeomorphology: General Principles and Case Studies," Seattle, WA. (April 2011)
- Townsend, C. G., The 33rd Applied Geography Conference, "Natural Hazard Perception Among Texas Hill Country Viticulturists," Fort Worth, TX. (October 2010)
- Townsend, C. G., Association of American Geographers Annual Meeting, "How do Vineyard Operators and Winemakers Perceive Natural Hazards in the Texas Hill Country Appellation?" Washington, DC. (April 2010)
- Townsend, C. G., Southwest Association of American Geographers Conference, "Do Texas High School Graduates Know Geography? An Assessment of World Geography Knowledge among College Freshman," Little Rock, AK. (October 2009)
- Townsend, C. G., The Annual Meeting of the Association of American Geographers, "A Geographic History of the Brazos River Diversion at Freeport, Texas," Las Vegas, NE. (March 2009)
- Townsend, C. G., Invited Guest Lecture for Life Cycle Nutrition students at the University of Texas, "The Geography of Nutrition and the Elderly," Austin, TX. (November 12, 2007)
- Townsend, C. G., Invited Guest Lecture for International Nutrition Students at the University of Texas, "The Geography of Nutrition and Breastfeeding," Austin, TX. (April 17, 2007)
- Townsend, C. G., "Texas Commission on Environmental Quality Fleet Operations Workshop: Petroleum Storage Tank Environmental Compliance," Waco, TX. (April 23, 2003)

Directed Graduate Student Learning

- Master's Directed Research, "Food Insecurity in Rural and Urban Texas Counties During the 2008 Great Recession and Covid-19 Pandemic of 2020" (2022)
Advised: Proy Chalitruangkul
Committee Member
- Master's Thesis, "Cooperation and Competition are Affected by Personal Values, but Not by Mortality Salience or Extinction due to Environmental Pollution" (2022)
Advised: Derek Mangino Sirvent (Psychology)
Committee Member
- Master's Directed Research, "The Impacts of the United States-China Trade War on the Texas Cotton Sector" (2021)
Advised: Tristan Rawlings
Committee Member
- Master's Thesis, "A Place for Bourbon? A Geographical Analysis of Bourbon Production in the United States." (2020)
Advised: Colin Copler
Committee Member
- Master's Thesis, "Sustainability and the Emergence of the Texas Wine Industry: An Exploration of the Transitional Moments with a Focus on the Hill Country and High Plains Regions." (2020)
Advised: Kourtney Collins
Committee Member

Directed Undergraduate Student Learning

Honor's College Thesis, "Engineering the Disaster: Discussing Trends in Natural Hazard Management Using Case Studies of New Orleans, LA and Galveston Island, TX." (2018)
Advised: Rachel Wolfe

Teaching Experience

Texas State University – San Marcos, Texas

GEO 5310 Multivariate Quantitative Methods in Geography (Graduate)
GEO 2410 Introduction to Physical Geography (Undergraduate)
GEO 3301 Research Methods in Geography (Undergraduate)
GEO 4310 and GEO 5308 Regional Field Studies – Study in America Distance Learning in the Big Bend Region of West Texas (Undergraduate and Graduate)
GEO 4339 Environmental Hazards (Undergraduate)
GEO 1310 World and Regional Geography (Undergraduate)
GEO 4190 Independent Study (Undergraduate)
GEOL 1410 Physical Geology Laboratory (Undergraduate)

Texas Lutheran University – Seguin, Texas

Geographic Information Science (Undergraduate)
Introduction to Global Geography (Undergraduate)

University of Texas at San Antonio – San Antonio, Texas

Physiography (Geomorphology)
Introduction to Physical Geography

Teaching Innovation and Curriculum Development

First Time Course Preparation. Research Methods in Geography. September 1, 2015 - Present.

University and Department Service

Member, Department Evaluation Committee. (September 2020 - Present)

Member, Department Diversity Committee. (2017 - 2021)

Member, University Non-tenure Line Committee of the Faculty Senate: Representative for the Department of Geography. (2015 - Present).

Member, University Environmental Service Fee Committee (2021 – Present)

Volunteer, Department of Geography Alumni Reunion and Student Celebration. (April 2019)

Poster Judge, Geography Student Research Symposium. (March 8, 2019).

University Mentor, Bobcat Bond. (September 1, 2014 - May 2018).

Member, Department Undergraduate Committee. (September 2016 - May 2017).

Field Trip Leader, Southwest Division of the American Association of Geographers/Applied Geography Conference Meeting. (November 1, 2015).

Department Booth Faculty Volunteer, American Association of Geographers Annual Meeting. (April 1, 2015).

International Flash Flood Laboratory Inaugural Conference: Volunteer and Student Coordinator. (2009)

International Flash Flood Laboratory Inaugural Conference: Volunteer and Student Coordinator
•Grosvenor Center for Geographic Education: National Geography Awareness Week Volunteer. (2009)

Other Professional Service

Reviewer / Referee, Journal of Agricultural Science. (August 2018)
Adjudicator, Texas Water ESRI Middle School and High School GIS Map Competition. (May 14, 2018)
President, Wine Specialty Group Board of Directors. (2016 - 2018)
Reviewer / Referee, International Journal of Applied Geospatial Research. (September 2017)
Reviewer / Referee, Geomorphology. (June 2017)
Secretary, American Association of Geographers Wine Geography Specialty Group. (April 2014 - 2016)
Manuscript Reviewer, Applied Geography. (2015)
Manuscript Reviewer, IGI Global. (2014)
Student Director, Wine Specialty Group Board of Directors. (2011 - 2013)
Manuscript Reviewer, Applied Geography Conference. (2011)
AAG Conference Volunteer, Session Area Monitor. (2010)

Licensures and Certifications

Adult, Child, and Infant CPR and First Aid, American Heart Association. (June 23, 2018 - June 23, 2020).

Public Service

Volunteer, Johnson High School Athletic Boosters, Buda, TX. (2021 – Present)
Board Member, Johnson High School Band Boosters, Buda, TX. (February 2019 - 2020)
Volunteer, Vincare Services of Austin: An organization providing apartment homes for homeless single mothers. (2015)
Volunteer, United Way: Flood Clean-up volunteer. (May 1, 2015)
Volunteer, San Marcos High School. (2006)

Updated August 3, 2022