

ANDREW C. COMRIE

July 2024

Education

1992 Ph.D., Geography, The Pennsylvania State University
1988 M.Sc., Environmental and Geographical Science, University of Cape Town
1985 B.Sc. (Honours), Atmospheric Science, University of Cape Town
1984 B.Sc., Geography, University of Cape Town

Employment

2021-present Chief Academic Officer, Arizona Board of Regents
2012-2018 Senior Vice President for Academic Affairs & Provost, University of Arizona
2006-2012 Dean of the Graduate College & Associate Vice President for Research, University of Arizona
2005-present Professor, School of Geography, Development & Environment, University of Arizona
Director, 2021-2022; Associate Director, 2019-2021
Joint Appointments: Hydrology & Atmospheric Sciences, Public Health
Graduate Interdisciplinary Programs: Arid Lands Resource Sciences, Entomology & Insect Science, Global Change, Remote Sensing & Spatial Analysis, Statistics & Data Science
1999-2005 Associate Professor, Geography and Regional Development, University of Arizona
1992-1999 Assistant Professor, Geography and Regional Development, University of Arizona

Selected Service and Achievements

Administrative

Leadership Council, Cradle to Career Community Partnership for K-20 Education, Pima County, Arizona, 2016-present
International Council, ITMO University, 2016-February 2022
Board of Trustees, University of Arizona Foundation, 2012-2018
Executive Council, Committee on Academic Affairs, Association of Public and Land-grant Universities (APLU), 2016-2018
National Collegiate Athletic Association (NCAA)/American Council on Education (ACE) advisory roundtable, 2016
Member Representative, University Corporation for Atmospheric Research (UCAR), 2014-2018
Higher Education Advisory Committee, Educational Testing Service (ETS), 2013-2014
Graduate Record Examination (GRE) Board, 2010-2014
Executive Committee, Association of American Universities (AAU) Association of Graduate Schools (AGS), 2010-2012
Board and Executive Board (2010), Council of Graduate Schools, 2008-2010

Academic

Founding partner, Univ. of Arizona technology spinoff company that pioneered address-level climate impact reports
Editor for the Americas, *International Journal of Climatology*, 2004-2012
Editor, *Climate Research*, an international journal, 2001-2003
Editorial board member for six academic journals
Board member, Applied Climate Committee, American Meteorological Society, 2003-2005
Board of Directors, Climate Specialty Grp., American Assn. of Geographers, Chair 2002-2004, Sec.-Treasurer, 1998-2000
Peer reviewer of hundreds of scholarly research journal articles, and for agency research funding panels
Principal and co-principal investigator for career research funding over \$15M
Chair/advisor of dissertations and theses for over 40 students, graduate and undergraduate
Principal investigator/mentor of 8 postdoctoral scholars

Selected Honors & Awards

Outstanding Academic Title, Choice Reviews, for the book *Like Nobody's Business*, 2022
Lifetime Achievement Award, American Association of Geographers, Climate Specialty Group, 2020
Andrew C. Comrie Doctoral Fellowship, endowed award established by the Graduate Interdisciplinary Programs honoring my commitment to interdisciplinary research and study, University of Arizona, 2018
Advocate Award, Graduate and Professional Student Council, University of Arizona, 2016
Distinguished Service Award, African American Community Council, University of Arizona, 2015
Phi Beta Kappa, Honorary member, 2013
Paul Harris Fellow, contributions to higher education, Rotary International (Tucson Sunset), 2011
Honored Faculty Award, Graduate Interdisciplinary Programs, University of Arizona, 2012

Excellence in Mentoring Award, Honors College, University of Arizona, 2011
Special Contribution to American Indian Education Award, UA American Indian Alumni Club, 2007
Research Professorship, University of Arizona, Social and Behavioral Sciences Research Institute, 2000
Faculty Appreciation Award, Business and Public Admin. Student Council, University of Arizona, 1997
Visiting Fellow, Udall Center for Studies in Public Policy, University of Arizona, 1996-1997
J. Warren Nystrom Award for Best Ph.D. Dissertation, American Association of Geographers, 1993

Recent Publications

Over 100 total publications; Bibliometrics: *h*-index=44 and Citations=9151 (*Google Scholar*: July 22, 2024)

Book

Comrie, A.C. 2021: *Like Nobody's Business: An Insider's Guide to How US University Finances Really Work*. Cambridge, UK: Open Book Publishers, <https://doi.org/10.11647/OBP.0240>, 471 pp.

Selected Articles & Chapters

- Arora, M., Comrie, A.C., and Ernst, K.C., 2023: Assessing climate and health curriculum in graduate public health education in the United States. *Frontiers in Public Health*, 11:1124379, <https://doi.org/10.3389/fpubh.2023.1124379>.
- Comrie, A.C., 2021: No Consistent Link Between Dust Storms and Valley Fever (Coccidioidomycosis). *GeoHealth*, <https://doi.org/10.1029/2021GH000504>.
- Brusseau, M.L., Matthias, A.D., Comrie, A.C. and Musil, S.A., 2019: Atmospheric Pollution. Chapter 17 in Brusseau, M.L., Pepper, I.L. and Gerba, C.P. (eds.), *Pollution Science*, 3rd Ed. New York: Academic Press/Elsevier, 293-309.
- Brown, H.E., Cox, J., Comrie, A.C. and Barrera, R., 2017: Habitat and density of oviposition opportunity influences *Aedes aegypti* (Diptera: Culicidae) flight distance. *Journal of Medical Entomology*, <https://doi.org/10.1093/jme/tjx083>.
- Brown, H.E., Barrera, R., Comrie, A.C. and Lega, J., 2017: Effect of temperature thresholds on modeled *Aedes aegypti* population dynamics. *Journal of Medical Entomology*, <https://doi.org/10.1093/jme/tjx041>.
- Butterworth, M.K., Morin, C.W. and Comrie, A.C., 2017: An analysis of the potential impact of climate change on dengue fever transmission in the southeastern United States. *Environmental Health Perspectives* 125, 579–585, <http://dx.doi.org/10.1289/EHP218>.
- Brown, H.E., Young, A., Lega, J., Andreadis, T.G., Schurich, J., Comrie, A.C., 2015: Projection of climate change influences on US West Nile virus vectors. *Earth Interactions* 19 (18), 1-18.
- Garfin, G., Franco, G., Blanco, H., Comrie, A., Gonzalez, P., Piechota, T., Smyth, R. and Waskom, R., 2014. Ch. 20: Southwest. *Climate Change Impacts in the United States: The Third National Climate Assessment*. J.M. Melillo, T.C. Richmond, and G.W. Yohe (eds.), U.S. Global Change Research Program, 462-486. doi:10.7930/J08G8HMN.
- Delgado, S., Ernst, K.C., Pumahuanca, M.L.H., Yool, S.R., Comrie, A.C., Sterling, C.R., Gilman, R.H., Náquira, C., Levy, M.Z., 2013: A country bug in the city: urban infestation by the Chagas disease vector *Triatoma infestans* in Arequipa, Peru. *International Journal of Health Geographics* 12 (1), 48.
- Morin, C.W., Comrie, A.C. and Ernst, K., 2013: Climate and dengue transmission: evidence and implications. *Environmental Health Perspectives* 121, 1264–1272, <http://dx.doi.org/10.1289/ehp.1306556>.
- Morin, C.W. and Comrie, A.C., 2013: Regional and seasonal response of a West Nile virus vector to climate change. *Proceedings of the National Academy of Sciences (PNAS)*, www.pnas.org/cgi/doi/10.1073/pnas.1307135110.
- Tamerius J.D., Shaman, J., Alonso, W.J., Bloom-Feshbach, K., Uejio, C., Comrie, A.C. and Viboud, C., 2013: Environmental predictors of seasonal influenza epidemics across temperate and tropical climates. *PLoS Pathogens* 9(3): e1003194. doi:10.1371/journal.ppat.1003194.
- El Vilaly, A.E., Arora, M., Butterworth, M.K., El Vilaly, M.A.M., Jarnagin, W. and Comrie, A.C., 2013. Climate, environment and disease: The case of Rift Valley fever. *Progress in Physical Geography*, online, doi: 10.1177/0309133313478315.
- Comrie, A.C. and McCabe, G.J., 2013: Global air temperature variability independent of sea-surface temperature influences. *Progress in Physical Geography* 37, 29-35, doi: 10.1177/0309133312460074.
- Scott, C.A., Robbins, P.F. and Comrie, A.C., 2012: The mutual conditioning of humans and -pathogens: implications for integrative geographical scholarship. *Annals of the Association of American Geographers* 102 (5), 977-985.
- Stacy, P.K.R., Comrie, A.C. and Yool, S.R., 2012: Modeling valley fever incidence in Arizona using a satellite-derived soil moisture proxy. *GIScience & Remote Sensing* 49, 299–316, doi:10.2747/1548-1603.49.2.299.
- Uejio, C.K., Kemp, A. and Comrie, A.C. 2012: Climatic controls on West Nile virus and Sindbis virus transmission and outbreaks in South Africa. *Vector-Borne and Zoonotic Diseases* 12(2): 117-125. doi:10.1089/vbz.2011.0655.
- Tamerius, J.D. and Comrie, A.C., 2011: Coccidioidomycosis incidence in Arizona predicted by seasonal precipitation. *PLoS ONE* 6(6): e21009. doi:10.1371/journal.pone.0021009.