

Curriculum Vitae

Chad Edward Landgraf

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Personal Data

Born May 1975 in El Reno, Oklahoma

Graduated from Ada Senior High School, Ada, Oklahoma in 1993

Education

M.S. Geography. University of Alabama, Tuscaloosa, Alabama. December 2002.
Thesis Title: "Soil Magnetism across a Small Hillslope Hollow in Limestone Terrain."
Advisor: Dr. P. Daniel Royall (University of North Carolina at Greensboro).

B.S. Cartography (with Academic Achievement). East Central University, Ada, Oklahoma. May 1998.

Positions Held

Geographic Information Systems Specialist. Center for Rural Health, Oklahoma State University – Center for Health Sciences. February 2005 – Present.

Adjunct Instructor. Tulsa Community College – Metro Campus. January 2008 – Present.

Geographic Information Systems Specialist. Center for the Advancement of Youth Health, University of Alabama at Birmingham. September 2003 – January 2005.

Cartographic and Geographic Information Systems Specialist. Department of Geography, University of Alabama. January 2003 – September 2003.

Graduate Research Assistant. Cartographic Research Laboratory, Department of Geography, University of Alabama. August 1998 – January 2001 and May 2001 – December 2002.

Graduate Teaching Assistant. Physical Geography Laboratory, Department of Geography, University of Alabama. January 2001 – May 2001.

Research Assistant. Accompanying Student Program, NASA/ASEE Summer Faculty Fellowship Program, Marshall Space Flight Center/Global Hydrology and Climate Center, Huntsville, Alabama. Summers 1997 & 1998.

Environmental Research Assistant. U.S. EPA Robert S. Kerr Environmental Research Laboratory, Ada, Oklahoma. June 1996 – May 1998.

Courses Taught

Tulsa Community College (Metro Campus)

Computer Cartography (Spring 2008; AY2008-09; AY2009-10; AY2010-11; AY2011-12)

Introduction to Geographic Information Systems (Fall 2011)

University of Alabama

Introduction to Geographic Information Systems (Fall 2003)

Principles of Physical Geography II (AY2002-03; Fall 2003)

Principles of Physical Geography I (Summer 2002; Summer 2003)

Research Presentations

“The Rural Health Option: Increasing Interest in Rural Primary Care Using an Innovative Elective Curriculum,” with Denna Wheeler and Vicky Pace. 8th Annual Association of American Medical Colleges Physicians Workforce Research Conference. Washington, D.C. May 2012. Poster.

“The Evolving Landscape of American Medical Education 100 years after the *Flexner Report*: Perspectives on Spatial Trends Past, Present, and Future,” with Denna Wheeler. National Rural Health Association Annual Meeting. Austin, Texas. May 2011. Poster.

“Gender & Generational Trends Related to Physician Recruitment & Retention in Rural Areas: Analysis of the 2008 Health Tracking Physician Survey,” with Denna Wheeler. Association of American Medical Colleges Physicians Workforce Research Conference. National Harbor, Maryland. May 2011. Poster.

“Changes in Knowledge and Attitudes Related to Specialty Choice and Rural Practice Location for 3rd & 4th Year Medical Students at Oklahoma State University College of Osteopathic Medicine,” with Denna Wheeler and Vicky Pace. National Rural Health Association Annual Meeting. Savannah, Georgia. May 2010. Poster.

“An Evaluation of Osteopathic School Programs Designed to Promote Rural Location by Graduates,” with Brian Whitacre, Vicky Pace, Jeff Hackler, Matt Janey, and William Pettit. American Association of Colleges of Osteopathic Medicine Annual Meeting. Bethesda, Maryland. April 2009. Poster.

“Telemedicine: Providing Education for Medical Students, Support for Rural Physicians, and Access for Patients,” American Association of Colleges of Osteopathic Medicine Annual Meeting. Baltimore, Maryland. June 2007. Poster.

“Address Matching Voter Registration Data for Use in Redistricting,” with Gerald Webster. Association of American Geographers Political Geography Specialty Group AAG Pre-conference. Wakulla Springs, Florida. March 2003. Paper.

“Measuring ‘District Core’ Preservation in the Redistricting Process,” with Gerald Webster. 57th Annual Meeting of Southeastern Division of the Association of American Geographers. Richmond, Virginia. November 2002. Paper.

“Soil Magnetism across a Small Hillslope Hollow in Limestone Terrain,” with Dan Royall. 55th Annual Meeting of Southeastern Division of the Association of American Geographers. Chapel Hill, North Carolina. November 2000. Poster.

“An Analysis of Magnetic Susceptibility Measurements as a Viable Means to Locate Areas of Sediment Storage in a Hillslope,” with Dan Royall. 9th Annual Southeastern Lakes Management Conference. Columbus, Georgia. March 2000. Poster.

Invited Lectures & Presentations

“Health Status of Rural Oklahoma & Associated Factors,” Rural Clinic Rotation. Oklahoma State University College of Osteopathic Medicine. Tulsa, Oklahoma. March 2012 – Present.

“Using Social Media to Connect with Your Community,” 10th Annual Oklahoma Rural Hospital Conference. Oklahoma City, Oklahoma. March 2012.

“Cultural Issues in Rural Health,” with William J. Pettit, Jeff Hackler, and Denna Wheeler. Cultural Issues in Health class, School of Applied Health and Educational Psychology, Oklahoma State University. Stillwater, Oklahoma. February 2012.

“Applications of the Concept of Health Literacy,” with Richard Perry and Toni Hart. Oklahoma Health Equity Campaign. Oklahoma City, Oklahoma. June 2011.

“Rural Physician Workforce: Lessons Learned on Recruitment & Retention,” with Jeff Hackler. American Osteopathic Health Policy Fellows. Tulsa, Oklahoma. April 2010.

“A Brief Overview of Geographic Information Systems (GIS),” Westside Community Coalition. Tulsa, Oklahoma. June 2008.

“GIS Day 2007 – Geography Matters!” Tulsa Technology Center – Broken Arrow Campus. Broken Arrow, Oklahoma. November 2007.

“The Role of GIS in Shaping Healthcare for Rural Oklahoma,” Oklahoma State Department of Health – GIS User’s Group. Oklahoma City, Oklahoma. January 2007.

“Geospatial Technologies and Careers,” Tulsa Technology Center – Lemley Campus. Tulsa, Oklahoma. September 2006.

“Geospatial: An Emerging Technology,” 2006 Oklahoma Association of Career and Technology Education Annual Summer Conference. Tulsa, Oklahoma. August 2006.

“Geographic Information Systems: A Tool for Everyone,” Community Advisory Committee, University of Alabama at Birmingham. Birmingham, Alabama. July 2004.

“Some ‘Real-world’ Applications of Geographic Information Systems,” with Carrie Landgraf. Introduction to GIS class, Department of Government, University of Alabama at Birmingham. Birmingham, Alabama. February 2004.

“Data Sources for Geographic Information Systems,” West Alabama Planning and Development Council. Northport, Alabama. September 2000.

“Global Positioning System Hardware and Field Techniques,” Introduction to GIS class, Department of Geography, University of Alabama. Tuscaloosa, Alabama. September 2000.

“Global Positioning System Hardware and Field Techniques,” Alabama Real Estate Research and Education Center, University of Alabama. Tuscaloosa, Alabama. September 2000.

“Synopsis of Research Activities Conducted through the NASA/ASEE Summer Faculty Fellowship Accompanying Student Program,” Robert S. Kerr Environmental Research Laboratory. Ada, Oklahoma. August 1997.

Other Presentations

“Maps Work! An Introduction to GIS, Spatial Data, and Maps,” Rural Health Association of Oklahoma Annual Conference. Norman, Oklahoma. September 2009.

“Oklahoma State University Center for Rural Health GIS Services,” 12th Annual GIS Day at the Capitol. Oklahoma State Capitol. Oklahoma City, Oklahoma. March 2006.

“GIS: A New Tool for Oklahoma’s Rural Health,” 8th Annual Oklahoma South Central Arc Users Group (SCAUG) Conference. Moore-Norman Technology Center. Norman, Oklahoma. October 2005.

Publications in Refereed Journals

Whitacre, Brian E., Pace Vicky L., Hackler, Jeffrey B., Janey, Matt, Landgraf, Chad E. and Pettit, William J. (2011). “An Evaluation of Osteopathic School Programs Designed to Promote Rural Location by Graduates,” International Journal of Osteopathic Medicine, Vol. 14(1): 17-23.

Whitacre, Brian E. and Landgraf, Chad E. (2007). “Telemedicine and Distance Learning Sites in Oklahoma,” Academic Exchange Quarterly, Vol. 11(3): 140-144

Landgraf, Chad E. and Royall, P. Daniel. (2006). “Spatial Patterns of Surface Soil Magnetism and Soil Redistribution Across a Fallow Field, Northern Alabama,” The Southeastern Geographer, Vol. 46(1): 1-22.

Monographs and Policy Papers

Hackler, Jeffrey B. and Landgraf, Chad E. (2008). “Medicare Reimbursement Rate Cuts,” Policy Paper. Oklahoma Rural Health Brief 2008-1-Policy. Distributed by Oklahoma State University Center for Rural Health.

Landgraf, Chad E. and Hackler, Jeffrey B. (2008). "State of the State's Rural Health 2008 – Physicians and Hospitals," Monograph. Distributed by Oklahoma State University Center for Rural Health.

Landgraf, Chad E. and Hackler, Jeffrey B. (2007). "State of the State's Rural Health 2007 – A Snapshot of Current Conditions," Monograph. Distributed by Oklahoma State University Center for Rural Health.

Nonrefereed Publications

Landgraf, Chad E. (2010). "First Look: *State of the State's Rural Health – 3rd Edition*," Oklahoma D.O., Vol. 75(4): 20-21.

Fernandes, John J., Pettit, William J., Hess, James D. and Landgraf, Chad E. (2007). "The Oklahoma Physician Shortage: OSU-CHS Responds," Oklahoma D.O., Vol. 72(5): 20-21.

Landgraf, Chad E. (2004). "A New Tool for the Center: Geographic Information System," The Center View - The Newsletter of the UAB Center for the Advancement of Youth Health, Vol. 2(2): 1, 3.

Service Activities

United Way Campaign Committee Member, OSU Center for Health Sciences, Tulsa, Oklahoma. May 2011 – Present.

Data Committee Member, Oklahoma Health Care Workforce Center, Oklahoma City, Oklahoma. May 2010 – Present.

Committee Member, Tulsa Community College GIS Advisory Committee. Tulsa, Oklahoma. September 2007 – Present.

OSU CHS Organizing Committee Member, OSU Foundation *Branding Success* Campaign. Tulsa, Oklahoma. September 2010 – May 2011.

Cartographer, National Rural Health Association. Kansas City, Kansas. September 2009.

Cartographer, Elizabeth E. Glazer Pediatric AIDS Foundation. Washington, D.C. October 2008 – December 2008.

Cartographer, Indian Health Care Resource Center of Tulsa. Tulsa, Oklahoma. June 2007.

Focus group member, U.S. Department of Labor and Research Triangle Institute Occupational Information Network (O*NET). Research Triangle Park, North Carolina. December 2006.

Focus group member, Oklahoma Geographic Information Council. Tulsa, Oklahoma. November 2006.

Panel discussant, Southwest Division of the Association of American Geographers Annual Conference. Norman, Oklahoma. October 2006.

Oklahoma representative, Centers for Medicaid and Medicare Region 8 – Sharing Information During Emergencies. Dallas, Texas. July 2006.

Staff Advisory Council member, Oklahoma State University – Center for Health Sciences. Tulsa, Oklahoma. June 2006 – Present. Offices held: President (2009); Vice President (2007, 2008).

GIS specialist, Alabama Childhood Blood Lead Elimination Workgroup. Birmingham, Alabama. October – December 2004.

GIS consultant, Developing Communities of Excellence in Environmental Health, University of Alabama Birmingham's Center for Community Health Resources Development. Birmingham, Alabama. 2004.

Guest presenter, University of Alabama at Birmingham's Center for the Advancement of Youth Health Open House 2004. Birmingham, Alabama. May 2004.

GIS specialist, University of Alabama Department of Civil and Environmental Engineering. Tuscaloosa, Alabama. January 1999 – March 2000.

Co-principle investigator, Soil Characterization of The University of Alabama Arboretum. Tuscaloosa, Alabama. November 1999.

Cartographer, East Central University Campus Map. Ada, Oklahoma. April 1998.

Consulting Activities

Consultant to City of Chicago Heights, Illinois for voting precinct realignment, 2003 – 2004.

Consultant to State of Mississippi for state senate redistricting, 2003 – 2004.

Consultant to City of Demopolis, Alabama for city council redistricting, 2004.

Consultant to Coffee County, Alabama for county commission redistricting, 2004.

Consultant to NAACP/LDF for political redistricting.

Honors and Awards

Best Article in Physical Geography Award. The Southeastern Geographer, 2007

Department Chair's Award. University of Alabama, Department of Geography, 2002.

National Champion, World Geography Bowl, 2001

All SEDAAG World Geography Bowl Team, 2001.

University of Alabama Graduate Student Travel Grant, 2000.

Outstanding Graduate Student Award. University of Alabama, Department of Geography, 1999.

Outstanding Senior Award. East Central University, Department of Geography and Cartography, 1998.

Gamma Theta Upsilon International Geographic Honor Society, 1998.

McCullough Undergraduate Scholarship. University of Oklahoma, Department of Geology & Geophysics, 1993.

Professional Memberships

Association of American Geographers (AAG)

National Rural Health Association (NRHA)

North American Cartographic Information Society (NACIS)

Oklahoma Rural Health Association (ORHA)

South Central Arc Users Group (SCAUG)

Southeastern Division of the Association of American Geographers (SEDAAG)

Research Interests

Rural health

Political redistricting

Computer cartography and geographic information systems (GIS)

Geomorphology, soils and hillslope processes

References

Luoheng Han, Ph.D.

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