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CURRENT POSITION

June 1999 – Present

University of Kansas, Institute for Policy & Social Research

Information Specialist

Maintain IPSR web site, expand and maintain database of Kansas data, create web applications to promote data dissemination and facilitate data collection, and provide data and GIS research support for IPSR staff and faculty.

EDUCATION

University of Kansas

Bachelor of Science degree in mathematics with a concentration in statistics, May 2001.

CONTINUING EDUCATION

Academic Computing Services

ArcGIS: Spatial Analyst

November 2002

Web Authoring: Improving Accessibility

March 2002

ESRI Virtual Campus

Georeferencing Rasters in ArcGIS

October 2004

Learning ArcGIS I

February 2003

Learning ArcGIS II

February 2003

Working with Rasters in ArcGIS

February 2003

New Horizons Computer Learning Centers

XML: An Introduction

November 2001

XML: DTD Design

November 2001

PROFESSIONAL ACTIVITIES

Kansas Business and Industry Data Center Lead

2009 - present

Advisory and Steering Committees

U.S. Census Bureau's State Data Center Network (Chair, 2006-08; Secretary 2005-06)

2005-2008

GIS@KU

2004 - present

Academic Data and Research Services Alliance (KU)

2001 - present

PUBLICATIONS

Editorial Board <i>Kansas Statistical Abstract 2010</i> (45 th Edition)	<i>forthcoming in 2011</i>
<i>The Service Use Index: A Tool for Addressing Service Disparities</i> , Chapin, et al., Office of Aging and Long-Term Care, KU School of Social Welfare (article submitted to <i>Social Work</i>)	2010
Editorial Board <i>Kansas Statistical Abstract 2009</i> (44 th Edition)	2010
Editorial Board <i>Kansas Statistical Abstract 2008</i> (43 rd Edition)	2009
<i>Economic and Demographic Data on the Hispanic-Owned Businesses and Hispanic Population in Kansas</i> , Hurd and Wedel, IPSR Technical Report No. 80	2009
Editorial Board <i>Kansas Statistical Abstract 2007</i> (42 nd Edition)	2008
Editorial Board <i>Kansas Statistical Abstract 2006</i> (41 st Edition)	2007
Editorial Board <i>Kansas Statistical Abstract 2005</i> (40 th Edition)	2006
<i>Planning for Long-Term Care Services in Kansas Before the Boom</i> , Chapin, et al., Kansas Department on Aging and Kansas Department of Social and Rehabilitation Services	2005
Editorial Board <i>Kansas Statistical Abstract 2004</i> (39 th Edition)	2005
GIS Contributions	
Economic Trends Report: Atchison, PRI Technical Report No. 77	2004
Kansas Children's Campaign – Smart Start Campaign	2004
Editorial Board <i>Kansas Statistical Abstract 2003</i> (38 th Edition)	2004

PROJECTS

Committee on the Status of Women in the Economics Profession	August 2009 - present
Create membership database and web portal along with complete redesign of the existing website.	
Kansas City Area Education Research Consortium	July 2009 - present
Create and maintain a website to support KCAERC research and activities.	
KU Entrepreneurship Works for KS Economic Distress Indicators	January 2009 - February 2010
Researched and created a series of economic indicators for Kansas. Subsequently created web portal to deliver data to the public.	
U.S. Census Bureau Housing Unit Review	August - October 2009
Review of parcel data from county appraisers, calculated center points, and formatted data to meet Census data standards.	

IBM Information Technology Security Surveys June - December 2009
Created two online surveys for state CIOs and CISOs using the Qualtrics survey package.

Kansas NSF EPSCoR Program May 2008 - December 2009
Developed PHP code and MySQL database to accommodate multiple online surveys for program participants.

Rural Statistical Areas January - March 2008, 2009, and 2010
This joint project agreement between the Kansas State Data Center and the U.S. Census Bureau for three rounds of research and analysis on the potential for a new summary level of data. The research focus was on the usefulness of American Community Survey data for rural areas.

Kauffman Foundation June 2007 - June 2009
Developed PHP code and MySQL database to accommodate online surveys on entrepreneurial education at various institutions.

Center for Teaching Excellence (KU) March 2008
Developed PHP code and MySQL database to accommodate an online survey of faculty and instructional staff.

KU Research & Graduate Studies February - May 2008
Developed PHP code and MySQL database to accommodate an online survey of research participants.

Kansas Department of Commerce May - November 2007
Developed PHP code and MySQL database to accommodate an online survey to evaluate the Kansas Department of Commerce.

Life Span Institute/Energy Balance Laboratory February 2007 - June 2007
Designed and developed PHP code and a MySQL database to accommodate a shopping cart application along with administrative tools for maintenance and reporting.

Indicators of the Kansas Economy November 2005 - March 2006
Funded project from Kansas, Inc. in which code was developed to allow users to extract data from the Internet.

Migration Profiles January - March 2005
Designed and developed SAS code to produce a profile of migration data by general demographic characteristics. The code and subsequent profiles were made available to the Census Bureau's State Data Center network.

Minnesota Department of Health December 2004 - August 2005
Developed SAS code to conduct four versions of a 109-page, dynamic, online survey. This survey requires a secure server, user authentication, the ability to return later to complete the survey, and a way for users to view previous page in order to review material shown throughout the survey.

- U.S. Bureau of the Census, Summary File Four October 2003
As part of the National State Data Center network, proofread and tested SAS code to generate the profile for the release of Summary File 4 by the U.S. Census Bureau.
- IT Workforce April 2003 - October 2004
Developed SAS code to conduct a 25-page, online survey. Replicated and maintained survey and survey data until necessary number of respondents met.
- Custom Area Summary File Three Profiles October - November 2002
Wrote a web application to allow users to create Census 2000 Summary File Three profile(s) for custom areas based on user input.
- Mapping and Population, Political, and Election Data (MAPPED) June - December 2002
Serve on committee forming a portal for the public to locate information on federal and state representatives and the districts they represent. As part of this project, wrote and launched a text-based application that allows users to locate their representatives using their street address.
- U.S. Bureau of the Census, Summary File Three July 2002
As part of the National State Data Center network, wrote SAS code to generate pages six and seven of the primary profile and all four pages of the secondary profile for the release of Summary File 3 by the U.S. Census Bureau.

PRESENTATIONS

- PUAD 836: Intro to Quantitative Methods** Lawrence, Kansas
November 16, 2010
Co-taught custom workshop titled, *Analyzing 911 response data using Regression*.
- PUAD 836: Intro to Quantitative Methods** Lawrence, Kansas
November 2, 2010
Co-taught custom workshop titled, *Geographic Information Systems (GIS) and Local Government*.
- Server-Side Includes (SSI) and Cascading Style Sheets (CSS)** Lawrence, Kansas
October 25, 2010
Custom workshop on advanced HTML techniques.
- MGMT 485/785: Business Consulting** Lawrence, Kansas
September 27, 2010
Guest lecture on an Introduction to GIS and applying GIS in business-related research.
- ARCH 600: Special Topics: GIS Applications for Design and Planning** Lawrence, Kansas
September 7, 2010
Co-taught custom workshop titled, *GIS Special Topics: Visualizing Census Data*.

- Web Design in a Nutshell** Lawrence, Kansas
August 31, 2010
Custom workshop on HTML and the use of Adobe Dreamweaver.
- Data Training Workshop & Entrepreneurship Seminar** Lawrence, Kansas
June 4, 2010
Presented three hands-on training sessions titled, *Getting the Most Out of the IPSR Kansas Data Website*, *American Community Survey – Learn What It Is and What It IS Not*, and *LED OnTheMap Training*.
- MidAmerica GIS Consortium** Kansas City, Missouri
April 21, 2010
Presentation titled, *Thematic Mapping with Google Maps*.
- GEOG 358: Intro to GIS** Lawrence, Kansas
March 25, 2010
Guest lecture titled *The Geography of Census and The Basics of Geocoding*.
- PSYC 819: Field & Evaluation Research Methods in Social Psychology** Lawrence, Kansas
March 25, 2010
Guest lecture on IPSR data holdings and survey research options at KU.
- Digital Humanities Summit** Lawrence, Kansas
March 8, 2010
Presentation on the technical details of the From the Ground Up database and online mapping application.
- Endacott Society** Lawrence, Kansas
February 17, 2010
Presentation on IPSR data services.
- ARCH 600: Special Topics: GIS Applications for Design and Planning** Lawrence, Kansas
February 4, 2010
Co-taught custom workshop titled, *GIS Special Topics: Visualizing Census Data*.
- Server-Side Includes (SSI) and Cascading Style Sheets (CSS)** Lawrence, Kansas
December 2, 2009
Custom workshop on advanced HTML techniques.
- Web Design in a Nutshell** Lawrence, Kansas
October 28, 2009
Custom workshop on HTML and the use of Adobe Dreamweaver.
- PUAD836: Introduction to Quantitative Methods** Lawrence, Kansas
February 3, 2009
Guest lecture titled, *Introduction to GIS*.

- Web Design in a Nutshell** Lawrence, Kansas
December 18, 2008
Custom workshop on HTML and the use of Adobe Dreamweaver.
- Geocoding 101** Lawrence, Kansas
November 17, 2008
Custom workshop detailing the use of U.S. Census Bureau's TIGER[®] data for geocoding.
- What is Geocoding?** Lawrence, Kansas
September 24, 2008
Presentation on the use of U.S. Census Bureau's TIGER[®] data for geocoding.
- ARCH 600: Special Topics: GIS Applications for Design and Planning** Lawrence, Kansas
September 17, 2008
Co-taught custom workshop titled, *GIS Special Topics: Visualizing Census Data*.
- U.S. Census Bureau's LED OnTheMap: Hands-On Learning for a Local Perspective** Lawrence, Kansas
May 19, 2008
Custom workshop for the City of Lawrence and Chamber of Commerce.
- An Introduction to GIS** Parsons, Kansas
January 14, 2008
Custom full-day workshop on ESRI ArcMap software to map demographic and socio-economic data.
- ENTR 450: New Venture Creation** Lawrence, Kansas
November 6, 2007
Guest lecturer addressing an introduction to GIS with a business perspective.
- Academic Computing Services Workshop** Lawrence, Kansas
September 19, 2007
Co-taught workshop titled, *GIS II: Mapping Your Data*.
- National Census State Data Center Meeting** Washington, D.C.
September 11, 2007
Presentation titled, *SDC 101: A Resource Guide for State Data Centers*.
- Baker University** Baldwin City, Kansas
September 4, 2007
Guest lecturer for a hands-on workshop titled, *Custom Mashups with Google Maps*.
- PUAD 939: Field Research in Public Administration** Lawrence, Kansas
February 13, 2007
Guest lecturer on best practices for collecting data with online surveys.

- GEOG 517: Data Handling and Map Symbolization** Lawrence, Kansas
January 31, 2007
Custom GIS workshop titled “*Finding and Mapping Data*”.
- Academic Computing Services Workshop** Lawrence, Kansas
October 31, 2006
Co-taught workshop titled, *GIS II: Mapping Your Data*.
- Baker University** Baldwin City, Kansas
September 14, 2006
Guest lecturer for a hands-on workshop titled, *Mapping Census Data Using ArcGIS*.
- KU Data Users Group Meeting** Lawrence, Kansas
September 13, 2006
Presentation on the challenges and use of the 2005 American Community Survey.
- Academic Computing Services Workshop** Lawrence, Kansas
August 25, 2006
Co-taught workshop titled, *GIS II: Mapping Your Data*.
- South Central Kansas Library System** Wichita, Kansas
November 3, 2005
Conducted two, one-hour training sessions; *Using American FactFinder* and the *2004 Kansas Statistical Abstract*.
- Kansas Small Business Development Center (SBDC) Team Meeting** Lawrence, Kansas
October 26, 2005
Presentation on 2002 Economic Census and PRI data holdings.
- National Census State Data Center Meeting** Washington, D.C.
September 13, 2005
Presentation on the topic of data challenges from a programmer’s perspective.
- Kansas League of Municipalities Annual Conference** Overland Park, Kansas
October 3, 2004
Hosted roundtable discussions to assist community leaders in finding and using online data for their communities.
- Academic Computing Services Workshop** Lawrence, Kansas
September 30, 2004 and November 11, 2004
Co-taught workshop titled, *Statistics, Data, and Census Materials*.
- Academic Computing Services Workshop** Lawrence, Kansas
September 8, 2004
Co-taught GIS special topic workshop titled, *Visualizing Data in ArcGIS*.

Emporia Healthier Community Alliance

Emporia, Kansas

June 25, 2004

Presentation to assist Alliance members in finding and using demographic and economic data online pertaining to their communities for use in research and grant proposals.

Academic Computing Services Workshop

Lawrence, Kansas

November 18, 2003 and April 7, 2004

Co-taught GIS workshop titled, *Taming TIGER® - An Introduction to Census Geography*.

GEOG 358: Geographic Information Science

Lawrence, Kansas

October 3, 2003

Guest lecturer on the topic of the Geography of Census.

Government Documents Reference Training

Lawrence, Kansas

June 11, 2003

Co-taught a data workshop aimed at providing information on the types and sources of Census data for the KU Libraries reference librarians.

KCCED 15th Annual Community Economic Development Conference

Hutchinson, Kansas

April 9-10, 2003

Hosted hands-on workshops and roundtable discussion sessions to assist community leaders in finding and using online data for their communities.

National Census State Data Center Meeting

Washington, D.C.

October 17, 2002

Presented details on the creation and use of “Find Your Legislator” application.

Kansas League of Municipalities Annual Conference

Wichita, Kansas

October 13, 2002

Hosted roundtable discussions to assist community leaders in finding and using online data for their communities.

Academic Computing Services Workshops

Lawrence, Kansas

Fall Semester, 2002

Co-taught two workshops on locating and using Census data in research.

KCCED 14th Annual Community Economic Development Conference

Salina, Kansas

April 9-10, 2002

Hosted hands-on workshops to assist community leaders in finding and using online data for their communities.

Kansas City SAS Users Group Meeting

Overland Park, Kansas

March 12, 2002

Jointly presented a paper titled *Visualizing Census Data* with Larry Hoyle. The paper emphasized the use of SAS in creating graphs and maps in order to make Census data more understandable.

Midwest SAS Users Group Conference

Kansas City, Missouri

November 5, 2001

Jointly presented a paper titled *Visualizing Census Data* with Larry Hoyle. The paper emphasized the use of SAS in creating graphs and maps that make Census data more understandable.

National Census State Data Center Meeting

Washington, D.C.

October 11, 2001

Presented an overview of the Policy Research Institute web site and data services.