

**CURRICULUM VITAE  
CHRISTOPHER LEE FULCHER**

**CONTACT INFORMATION**

Center for Applied Research and Engagement Systems (CARES)  
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**EDUCATION**

- National Library of Medicine Post-Doctoral Fellowship in Health Informatics, University of Missouri (MU), 2005. Concentrations: Public Health Informatics, Geographic Information Systems (GIS)
- Ph.D., Agricultural Economics, MU, 1996. Concentrations: Ecological Economics, GIS, Simulation Modeling
- M.S., Agricultural Economics, Texas A&M University, 1985. Concentrations: Water Resources, International Development
- B.S., Agricultural Engineering, Texas A&M University, 1984. Concentration: Water Resources

**PUBLIC SERVICE**

- Co-Director, CARES, 05.1999-12.2015; 07.01.2021-Present (working remotely)
- Director, CARES, University of Missouri Extension and Engagement. 01.2016-06.30.2021
- Board Member (Vice President) Leadership through Education and Advocacy for the Deaf (LEAD). 8.2013-Present
- Co-founder and Board Member, Institute for People, Place and Possibility, 05.2012-12.2015
- AmeriCorps Member (United States Department of Agriculture), community-based decision support system for flood of '93 recovery effort, Columbia, Missouri, 10.1994-09.1995
- Associate Director – CARES, University of Missouri, 03.1994-05.1999
- Peace Corps Volunteer, assigned to Nevis, Eastern Caribbean, Agricultural Engineer/Land Use Advisor, USAID-funded Resource Management Project, 10.1985-09.1987

**ACADEMIC EMPLOYMENT**

- Assistant Extension Professor, Department of Rural Sociology, MU, 10.2019-Present
- Core Faculty, MU Institute for Data Science and Informatics, 02.2015-Present
- Research Assistant Professor, Department of Rural Sociology, MU, 07.2007-2019
- Faculty, Harry S Truman School of Public Affairs (TSPA) MU, 08.2005-Present
- National Library of Medicine Post-Doctoral Fellowship (Bio- and Health Informatics Research Training Program), Health Management and Informatics, MU, 05.2003 – 06.2005
- Assistant Professor (joint), Agricultural Economics, MU, 01.2002 – 08.2005
- Assistant Professor, TSPA, University of Missouri, 08.2001 – 08.2005
- Research Assistant Professor, TSPA, MU, 01.2000 – 07.2001
- Research Assistant Professor, Agricultural Economics, MU, 09.1997 – 07.2001

**GRANTS, CONTRACTS, AND SERVICE AGREEMENTS – OVERVIEW**

<b>Funding Summary - 1992 - 2021</b>	<b>Funding</b>
Extramural Funding Acquired as Principal Investigator	\$9,454,800
Extramural Funding Acquired as Co-PI/Co-Investigator	\$8,274,265
CARES Service Account (2016-2021) *	\$4,627,083
Intramural/Other Funding Acquired as Collaborator (1994 – 2012)	\$680,730
<b>Total Funding Acquired (&gt; \$23 Million)</b>	<b>\$23,036,878</b>

\* Over 100 service agreements with foundations, non-profits, for-profits, and government agencies  
National Website: <https://careshq.org/> | Individual Subscription Website: <https://sparkmap.org/>

**GRANTS AND CONTRACTS – DETAILED (does not include Service Agreements)**

<b>Extramural Funding</b>				
<b>Agency</b>	<b>Project Name</b>	<b>University Role</b>	<b>Year</b>	<b>Total Grant Funding</b>
Hospital Industry Data institute	ZIP Health Rankings and County-level Study Engagement System – Addendum 3 Maintenance	Principal Investigator	2020-2021	\$15,000
Ohio Department of Health	Annual Hub Maintenance for Creating Healthy Communities Ohio	Principal Investigator	2020-2021	\$13,300
American Heart Association	CARES Engagement Network Hub Statement of Work 3	Principal Investigator	2020-2021	\$15,960
National 4-H Council (Source: Robert Wood Johnson Foundation)	An Engagement System for the Cooperative Extension System	Principal Investigator	2019-2021	\$120,000
Hospital Industry Data institute	ZIP Health Rankings and County-level Study Engagement System – Addendum 2 Maintenance	Principal Investigator	2019-2020	\$15,000
American Heart Association	CARES Engagement Network Hub Statement of Work 2	Principal Investigator	2019-2020	\$15,960
Ohio Department of Health	Annual Hub Maintenance for Creating Healthy Communities Ohio	Principal Investigator	2019-2020	\$13,300
American Heart Association	2019 - 2020 Impact Central Updates (SOW No. 5)	Principal Investigator	2019-2020	\$8,800
American Heart Association	2019 Impact Central Affiliate Updates	Principal Investigator	2019-2019	\$960
National 4-H Council (Source: Robert Wood Johnson Foundation)	An Engagement System for the Cooperative Extension System – Amendment 2	Principal Investigator	2019-2019	\$9,000
National 4-H Council (Source: Robert Wood Johnson Foundation)	An Engagement System for the Cooperative Extension System – Amendment 1	Principal Investigator	2019-2019	\$24,409
Ohio Department of Health	Annual Hub Maintenance for Creating Healthy Communities Ohio	Principal Investigator	2018-2019	\$14,364
American Heart Association	AHA Two-Page Report	Principal Investigator	2018-2019	\$4,051
American Heart Association	CARES Engagement Network Hub Statement of Work 1	Principal Investigator	2018-2019	\$15,960
Hospital Industry Data institute	ZIP Health Rankings and County-level Study Engagement System – Addendum 1 Maintenance	Principal Investigator	2018-2019	\$15,000
National 4-H Council (Source: Robert Wood Johnson Foundation)	An Engagement System for the Cooperative Extension System	Principal Investigator	2017-2019	\$440,999
Hospital Industry Data Institute and Missouri Foundation for Health	ZIP Health Rankings and County-level Study Engagement System	Principal Investigator	2017-2018	\$120,392
Appalachian Regional Commission	Website Development, Custom Mapping and Reporting Tools, and Hosting of the Creating a Culture of Health in	Co-Investigator	2017-2018	\$134,086

(Source: Robert Wood Johnson Foundation)	Appalachia: Disparities and Bright Spots Site				
US News and World Report / Aetna Foundation	U.S. News & World Report Healthiest Communities	Principal Investigator	2017-2019	\$178,360	
American Board of Family Medicine	Development and Support of the Population Health Assessment Tool (PHAsT)	Co-Investigator	2017-2018	\$174,392	
Robert Wood Johnson Foundation (subcontract via Univ. of TX Hlth. Sc. Cntr. San Antonio)	Salud America! The Robert Wood Johnson Foundation (RWJF) Research Network to Prevent Obesity Among Latino Children	Principal Investigator	2017-2018	\$79,520	
Robert Wood Johnson Foundation (subcontract via Univ. of TX Hlth. Sc. Cntr. San Antonio)	Salud America! The Robert Wood Johnson Foundation (RWJF) Research Network to Prevent Obesity Among Latino Children	Principal Investigator	2016-2017	\$146,916	
Robert Wood Johnson Foundation (subcontract via Institute for People, Place and Possibility or IP3)	Development and Implementation of a National Web-based Childhood Obesity Prevention Geographic Information System (Phase III)	Co-Investigator*	2016-2018	\$127,500	
Live Well Colorado (subcontract via IP3)	Colorado Food Policy Network Hub on Community Commons	Co-Investigator*	2015-2016	\$40,000	
Robert Wood Johnson Foundation (subcontract via Univ. of TX Hlth. Sc. Cntr. San Antonio)	Salud America! The Robert Wood Johnson Foundation (RWJF) Research Network to Prevent Obesity Among Latino Children (Addendum)	Principal Investigator	2015-2016	\$60,489	
W.K. Kellogg Foundation	CARES Services Contract	Principal Investigator	2015-2015	\$62,175	
W.K. Kellogg Foundation	CARES Services Contract	Principal Investigator	2015-2015	\$3,000	
Kaiser Permanente (subcontract via IP3)	Implementation of a Community Health Needs Assessment System (CHNAS) for Kaiser Permanente - Maintenance	Co-Investigator*	2014-2014	\$42,115	
Public Health Inst. (subcontract via IP3)	California 4 Health Project – Year 3 (formally called CACTI)	Co-Investigator*	2013-2014	\$17,000	
W.K. Kellogg Foundation	Missouri/CARES Consulting Agreement	Principal Investigator	2013-2015	\$900,000	
Robert Wood Johnson Foundation	Development and Implementation of a National Web-based Childhood Obesity Prevention Geographic Information System (Phase II)	Co-Investigator*	2013-2014	\$675,000	
Public Health Inst. (subcontract via IP3)	California 4 Health Project – Bridge funding (formally called CACTI)	Co-Investigator*	2013-2013	\$30,000	
Kaiser Permanente (subcontract via IP3)	Implementation of a Community Health Needs Assessment System (CHNAS) for Kaiser Permanente – Bridge funding	Co-Investigator*	2013-2013	\$30,000	
Public Health Inst. (subcontract via IP3)	California 4 Health Project – Year 2 (formally called CACTI)	Co-Investigator*	2012-2013	\$36,250	

CDC-DCH (subcontract via IP3)	CDC DCH Community Health Improvement Decision Support System	Co-Investigator*	2012-2013	\$232,500
Kaiser Permanente (subcontract via IP3)	The Community Commons - Build-out and Scaling for Impact	Co-Investigator*	2012-2014	\$77,000
Robert Wood Johnson Foundation (subcontract via Univ. of TX Hlth. Sc. Cntr. San Antonio)	Development and Implementation of a National Latino Advocacy Support System To Support Salud America! The RWJF Research Network to Prevent Obesity Among Latino Children	Principal Investigator	2012-2015	\$336,000
Kaiser Permanente (subcontract via IP3)	Implementation of a Community Health Needs Assessment System (CHNAS) for Kaiser Permanente	Co-Investigator*	2012-2013	\$175,000
Public Health Inst. (subcontract via IP3)	California Community Transformation Initiative (CACTI) Custom Learning System	Co-Investigator*	2012-2012	\$45,000
Robert Wood Johnson Foundation	Development and Implementation of a National Web-based Childhood Obesity Prevention Geographic Information System (Bridge Phase)	Principal Investigator	2012-2012	\$37,522
Y-USA	Amendment: Phase II: A National Mapping and Reporting System for Y-USA HCIs	Principal Investigator	2012-2013	\$35,500
Y-USA	National Dissemination and Support for Community Transformation Grants	Principal Investigator	2011-2012	\$31,599
W.K. Kellogg Foundation	Missouri/CARES Consulting Agreement	Principal Investigator	2011-2012	\$700,000
Y-USA	Phase II: A National Mapping and Reporting System for Y-USA HCIs	Principal Investigator	2011-2012	\$21,788
United Way of the Quad Cities Area	Aligning Community Resources with People and Place for the United Way of the Quad Cities Area	Principal Investigator	2011-2013	\$150,000
Robert Wood Johnson Foundation	Development and Implementation of a National Web-based Childhood Obesity Prevention Geographic Information System	Principal Investigator	2010-2012	\$230,000
Metro United Way	Aligning Community Resources with People and Place for Metro United Way	Principal Investigator	2010-2013	\$150,000
Missouri Association for Community Action	A Web based State Issue Management System for Enhancing the Comprehensive Community Needs – Phase II	Principal Investigator	2010-2011	\$23,940
American Cancer Society	Health Profile and Community Resource Mapping – Phase II	Principal Investigator	2010-2011	\$72,000
Y-USA	A National Mapping and Reporting System for Y-USA Pioneering Health Communities	Principal Investigator	2010-2011	\$100,000
Mississippi State University	Early Childhood Institute Collaboration	Principal Investigator	2010-2011	\$49,936
Trident United Way, Charleston, SC	Aligning Community Resources with People and Place for United Way of the Mid South	Principal Investigator	2010-2011	\$98,500
Trident United Way, Charleston, SC	Aligning Community Resources with People and Place for United Way of Central Maryland	Principal Investigator	2010-2011	\$98,500

Trident United Way, Charleston, SC	Aligning Community Resources with People and Place for United Way of Greater Chattanooga	Principal Investigator	2009-2011	\$98,500
Trident United Way, Charleston, SC	Aligning Community Resources with People and Place for United Way of Massachusetts Bay and Merrimack Valley	Principal Investigator	2009-2010	\$98,499
American Cancer Society	Health Profile and Community Resource Mapping	Principal Investigator	2009-2010	\$71,999
Mississippi Institute for Improvement of Geographic Minority Health	Aligning Community Resources with People and Place	Principal Investigator	2009-2010	\$100,000
University of North Dakota – Rural Assistance Center (subcontract)	GIS Infrastructure Development and Technical Support for Health and Human Services Activities for the Rural Assistance Center	Principal Investigator	2009-2010	\$116,321
Mississippi State University	Early Childhood Institute Collaboration	Principal Investigator	2009-2010	\$42,315
Mississippi State University	Data Analysis Services for Mississippi Child Care Quality Step System	Principal Investigator	2009	\$34,886
Columbia/Boone County Department of Public Health and Human Services	City of Columbia- Community Issues Management (CIM) Memorandum of Agreement: “Aligning Community Resources with People and Place”	Principal Investigator	2009	\$75,000
Missouri Foundation for Health (subcontract via <i>Community Initiatives</i> )	Missouri Convergence Partnership	Principal Investigator	2009	\$35,141
Missouri Foundation for Health	Missouri Health Equity Collaborative	Co-Investigator	2009-2011	\$351,776
Missouri Foundation for Health	Perceived Health Care Status and Health Care Needs Among Over-50 Women: A Comprehensive Assessment in Rural Missouri	Co-Investigator	2008-2010	\$469,315
Missouri Association for Community Action	A Web-based State Issues Management System for Enhancing the Comprehensive Community Needs Assessment (CCNA)	Principal Investigator	2008-2009	\$38,000
Missouri Department of Economic Development	Northeast Mo Strategic Disaster Economic Recovery Plan	Co-Investigator	2008-2009	\$366,300
Lehigh Valley Hospital and Health Network and the Pool Trust, Allentown, Pennsylvania	Community Issues Management (CIM) Collaborative Operating Agreement with Lehigh Valley Hospital - Taking CIM from Beta to Version 1.0: “Aligning Community Resources with People and Place”	Principal Investigator	2008-2009	\$75,000
Trident United Way, Charleston, SC	Community Issues Management (CIM) Collaborative Operating Agreement with Trident United Way, United Way of Southeastern Michigan and United Way for Southern Arizona - Taking CIM from Beta to Version 1.0: “Aligning	Principal Investigator	2008-2009	\$140,000

	Community Resources with People and Place”			
University of North Dakota – Rural Assistance Center (subcontract)	GIS Infrastructure Development and Technical Support for Health and Human Services Activities for the Rural Assistance Center	Principal Investigator	2008-2009	\$116,321
National Center for Rural Early Childhood Learning Initiatives	Amendment to “Early Childhood Initiative DEU Program – Phase VI” - Univ. of LA Lafayette - Mapping Louisiana School Districts, LA; 4 Sites, and Licensed Child Care Facilities	Principal Investigator	2008	\$10,400
United Way of America	Data Partner Agreement with United Way of America-2008	Principal Investigator	2008	\$7000
National Center for Rural Early Childhood Learning Initiatives	Early Childhood Initiative DEU Program – Phase VI	Principal Investigator	2008	\$23,906
Trident United Way, Charleston, SC	Community Issues Management Collaborative Agreement: Year 2: Annual Maintenance plus “Advanced Level Activities and Deliverables” for Trident United Way	Principal Investigator	2007-2008	\$25,000
University of North Dakota – Rural Assistance Center (subcontract)	GIS Infrastructure Development and Technical Support for Health and Human Services Activities for the Rural Assistance Center	Principal Investigator	2007-2008	\$116,332
National Center for Rural Early Childhood Learning Initiatives	Early Childhood Initiative DEU Program – Phase V	Principal Investigator	2007-2008	\$127,992
Trident United Way, Charleston, SC	Community Issues Management Collaboration for United Way for Southeastern Michigan and the United Way of Tucson and Southern Arizona	Principal Investigator	2007-2008	\$87,000
Lehigh Valley Hospital and Health Network and the Pool Trust, Allentown, Pennsylvania	A Community-Based Integrated Health and Human Services Information System (IHHSIS) For Lehigh Valley, Pennsylvania: Phase II: Old Allentown Neighborhood Data Integration and Visualization Project	Principal Investigator	2007	\$35,000
Lehigh Valley Hospital and Health Network and the Pool Trust, Allentown, Pennsylvania	A Community-Based Integrated Health and Human Services Information System (IHHSIS) For Lehigh Valley, Pennsylvania: Phase I: Development and Implementation of an Internet Geographic Information System	Principal Investigator	2007	\$46,000
National Center for Rural Early Childhood Learning Initiatives	Mapping and Spatial Analysis for the Mississippi Child Care Quality Step System (Pilot Phase)	Principal Investigator	2006-2007	\$12,000
Trident United Way, Charleston, SC	Knowledge Integration for Community Mobilization: A United Way Framework for addressing Efficiency, Equity, Impact and Community Sustainability	Principal Investigator	2006-2007	\$45,000

University of North Dakota – Rural Assistance Center (subcontract through RUPRI to CIRC)	GIS Infrastructure Development and Technical Support for Health and Human Services Activities for the Rural Assistance Center	Co-Investigator	2006-2007	\$72,500
HHS - Office of Rural Health Policy (subcontract through RUPRI to CIRC)	RUPRI Rural Policy Project – Community College Initiative	Co-Investigator	2006-2007	\$33,368
National Center for Rural Early Childhood Learning Initiatives	Rural Early Childhood Mapping Initiative – Phase IV	Principal Investigator	2006-2007	\$153,000
National Center for Rural Early Childhood Learning Initiatives	Rural Early Childhood Mapping Initiative – Phase III	Principal Investigator	2006	\$30,000
University of North Dakota – Rural Assistance Center (subcontract through RUPRI to CIRC)	GIS Infrastructure Development and Technical Support for Health and Human Services Activities for the Rural Assistance Center	Co-Investigator	2005-2006	\$25,263
HHS - Office of Rural Health Policy (subcontract through RUPRI to CIRC)	RUPRI Rural Policy Project – Community College Initiative	Co-Investigator	2005-2006	\$22,891
Rural Development Administration (RDA) of the Republic of Korea	Application of Information Technology and its Effects in Agriculture	Principal Investigator	2004-2006	\$26,800
National Center for Rural Early Childhood Learning Initiatives	Rural Early Childhood Atlas: Hurricane Maps	Principal Investigator	2005	\$5,000
National Center for Rural Early Childhood Learning Initiatives	Rural Early Childhood Mapping Initiative – Phase II	Principal Investigator	2005	\$86,719
Missouri Foundation for Health - Central Missouri Food Bank - Subcontract	Community Health Assessment 2004	Co-Investigator	2004-2005	\$16,160
National Center for Rural Early Childhood Learning Initiatives	Rural Early Childhood Mapping Initiative – Phase I	Principal Investigator	2004-2005	\$104,901
National Institute on Disability and Rehabilitation Research	Peerlink: Empowering Persons with Disabilities to Manage Their Own Information	Co-Principal Investigator	2002-2005	\$437,388
National Library of Medicine - Specialized Information Services	Internet Geographical Information Systems Consultation Support	Co-Investigator	2003-2004	\$12,450

Missouri Department of Transportation (MODOT)	Transportation's Role in Economic Development and Sustainability for Rural Areas in Missouri	Co-Investigator	2003-2004	\$157,046
Boone County Commission and Boone County Clerk's Office	Visualizing Accessibility to Polling Places Using Internet-based GIS	Principal Investigator	2002-2003	\$5,602
Missouri Department of Natural Resources (MDNR)	Soil Map Digitization Project FY03	Principal Investigator	2002-2003	\$226,850
MDNR	Vulnerability of Missouri Drinking Water to Chemical Contamination	Principal Investigator	2002-2003	\$128,219
MDNR	Source Water Inventory Project (SWIP) IV	Principal Investigator	2002-2003	\$147,054
Missouri Department of Conservation (MDC) and MDNR	Geoeconomic Analysis of Alternative Uses of Woody Draws in Agricultural Landscapes	Co-Investigator	2001	\$11,046
MDNR	Soil Map Digitization Project - Phase VII	Principal Investigator	2001-2002	\$171,210
MDNR	Vulnerability of Missouri Drinking Water to Chemical Contamination	Principal Investigator	2001-2002	\$128,219
MDNR	Source Water Inventory Project (SWIP) III	Principal Investigator	2001-2002	\$184,976
Cooper County Commission (Missouri)	Public Access to Assessor's Database & Geocoding of Cell Phone Locations for EMA	Principal Investigator	2001-2002	\$31,386
Raytheon Company	Synergy II - Remote Sensing Information Products for Local Government Applications	Co-Investigator	2001-2002	\$686,542
State of Iowa Information Technology Department	Iowa Floodplain Delineation Project	Co-Investigator	2001	\$77,000
World Resources Institute (WRI)	Development and Implementation of the Global Forest Watch (GFW) Website - Phase II	Principal Investigator	2000-2001	\$56,816
The University of Iowa	I-Sites: An Interactive Web-Enabled GIS and Database for Iowa Archaeology	Principal Investigator	2000-2002	\$15,000
Missouri Department of Natural Resources and the Missouri Department of Conservation	An Internet-based Agricultural Land Use Trends Visualization System	Principal Investigator	2000-2002	\$99,747
WRI	Global Forest Watch (GFW) Website - Interim Phase for Hardware Acquisition	Principal Investigator	2000-2001	\$10,162
MDNR	Soil Map Digitization Project - Phase VI	Principal Investigator	2000-2001	\$183,050
MDNR	Vulnerability of Missouri Drinking Water to Chemical Contamination	Principal Investigator	2000-2001	\$128,219
MDNR	Source Water Inventory Project (SWIP) - Phase III	Principal Investigator	2000-2001	\$134,473
Environmental Protection Agency (EPA)	Multiple Attribute Prioritization of Missouri Watersheds	Principal Investigator	1999-2000	\$59,276



WRI	Development and Implementation of the Global Forest Watch (GFW) Website	Principal Investigator	1999-2000	\$40,649
Missouri Department of Conservation (MDC) and MDNR	Geo-economic Analysis of Alternative Uses of Woody Draws in Agricultural Landscapes	Co-Investigator	1999-2001	\$59,748
MDNR	Soil Map Digitization Project - Phase V	Principal Investigator	1999-2000	\$174,000
MDNR	Vulnerability of Missouri Drinking Water to Chemical Contamination	Principal Investigator	1999-2000	\$128,220
MDNR	Source Water Inventory Project (SWIP) - Phase II	Principal Investigator	1999-2000	\$134,473
National Aeronautics and Space Administration (NASA)	University of Missouri-Columbia Commercial Remote Sensing Program	Co-Investigator	1999-2000	\$1,790,000
MDNR	Source Water Inventory Project (SWIP)	Principal Investigator	1998-1999	\$80,000
MDC and MDNR	Internet-Based Integrated Resource Management System (IRMS)	Principal investigator	1998-2001	\$112,703
MDNR	Missouri Inventory and Assessment Project (MOWIAP), A Water Quality Planning Tool	Principal Investigator	1999-2000	\$32,695
Rural Development Administration (RDA) of the Republic of Korea - National Inst. of Ag. Science and Technology	Collaborative Research Effort in Watershed Management	Principal Investigator	1996-1999	\$60,605
MDNR	Soil Map Digitization Project - Phase IV	Principal Investigator	1998-1999	\$166,000
MDNR	Vulnerability of Missouri Drinking Water to Chemical Contamination	Principal Investigator	1998-1999	\$128,219
MDNR	One Stop Project - Phase I	Principal Investigator	1997-1998	\$75,118
United States Department of Agriculture (USDA) - Cooperative Research, Education, and Extension Service (CREES)	Agricultural Systems to Improve Water and Soil Quality on Claypan Soil Watersheds	Co-Investigator	1997-1998	\$350,000
MDNR	Soil Map Digitization Project - Phase III	Co-Investigator	1997-1998	\$126,500
MDNR	Vulnerability of Missouri Drinking Water to Chemical Contamination	Co-investigator	1997-1998	\$128,219
MDNR	Evaluation and Refinement of U.S. Environmental Protection Agency's Reach Files (RF3) for Northwest Missouri - Phase II	Principal Investigator	1997-1998	\$100,000
MDNR	Dardenne Creek Wetlands and Watershed Demonstration Project	Principal Investigator	1997-2000	\$111,043

Iowa State University	Evaluation of the Impact of Current and Emerging Farming Systems on Water Quality	Co-investigator	1996-1998	\$35,000
MDC and MDNR	Decision Support System for Total Watershed Management	Co-Investigator	1995-1997	\$37,700
MDNR	Soil Map Digitization Project - Phase II	Co-Investigator	1996-1997	\$126,500
MDNR	Vulnerability of Missouri Drinking Water to Chemical Contamination	Co-investigator	1996-1997	\$128,219
MDNR	Evaluation and Refinement of U.S. Environmental Protection Agency's Reach Files (RF3) for Northwest Missouri	Co-Investigator	1996	\$32,739
USDA Natural Resources Conservation Service (NRCS)	Decision Support Tools and Technical Support for Fulton NRCS Field Office of the Future	Co-investigator	1996	\$8,200
McKnight Foundation	Economic and Environmental Impacts of Alternative Floodplain Management Schemes for St. Charles County, Missouri	Co-Investigator	1995-1997	\$35,000
MDNR	Soil Map Digitization Project	Co-Investigator	1995-1996	\$113,933
MDNR	Vulnerability of Missouri Drinking Water to Chemical Contamination	Co-investigator	1995-1996	\$128,719
Greenway Network of St. Charles (Missouri)	Assessing Non-Structural Alternatives for Floodplain Use: A Geographic Information System Approach to Community Assistance	Co-Investigator	1995	\$19,500
MDNR	Wellhead Protection Area Delineation - Phase I	Co-Investigator	1994	\$54,999
MDNR	Vulnerability of Missouri Drinking Water to Chemical Contamination	Co-investigator	1994-1995	\$128,719
EPA	Data Development of Biophysical and Socioeconomic Analysis of Long Branch Watershed	Co-Investigator	1998-1999	\$54,000
United States Department of the Interior through the Missouri Water Resources Research Center	Efficient Development of Wetlands to Reduce Agricultural Nonpoint Source Pollution	Co-investigator	1993-1994	\$17,963
MDNR	Vulnerability of Missouri Drinking Water to Chemical Contamination	Co-investigator	1992-1993	\$128,719
EPA	Vulnerability Assessment of Missouri Drinking Water Supplies to Atrazine Contamination-Phase I	Co-investigator	1992	\$45,000

**Intramural or Other Funding (1994 - 2012)**

<b>Agency</b>	<b>Project Name</b>	<b>University Role</b>	<b>Year</b>	<b>Total Grant Funding</b>
Missouri Foundation for Health (through	Show Me Bright Futures Community Issues Management (CIM) Groups for Joplin, Rolla, and Moberly, Missouri	Collaborator Subcontract to CARES	2011-2012	\$15,000

the Missouri Institute of Mental Health)				
Missouri Foundation for Health (through the Missouri Institute of Mental Health)	Show Me Bright Futures Community Issues Management (CIM) Groups for Joplin, Rolla, and Moberly, Missouri	Collaborator Subcontract to CARES	2010-2011	\$15,000
Missouri Foundation for Health (through MU Extension)	Healthy and Active Communities Initiative	Collaborator Subcontract to CARES	2010-2011	\$5,879
MU Extension	Legislative Education Support	Collaborator Subcontract to CARES	2010-2011	\$20,100
MU Extension	<i>Aligning Community Issues Management</i> with Public Deliberation and Community Decision Making	Collaborator Subcontract to CARES	2009-2010	\$58,594
Trident United Way, Charleston, SC	Gift for Community Issues Management activities	Principal Investigator	2009-2010	\$35,000
Missouri Foundation for Health (through the Missouri Institute of Mental Health)	Show Me Bright Futures Community Issues Management (CIM) Groups for Joplin, Rolla, and Moberly, Missouri	Collaborator Subcontract to CARES	2009-2010	\$15,000
College of Agriculture, Food and Natural Resources	Community Issues Management (CIM) – CAFNR Investment	Collaborator Subcontract to CARES	2008-2009	\$25,000
MU Extension	<i>Aligning Community Issues Management</i> with Public Deliberation and Community Decision Making	Collaborator Subcontract to CARES	2008-2009	\$58,594
Missouri Department of Health and Senior Services (through the Dept. of Family and Community Medicine)	MU Smoke Busters Phase II	Collaborator Subcontract to CARES	2008-2009	\$48,128
Missouri Foundation for Health (through the Dept. of Family and Community Medicine)	Mobilizing Tomorrow's Leaders for a Smoke Free Missouri	Collaborator Subcontract to CARES	2008	\$5,113
School of Information Science and Learning Technologies (Dr. Denice Adkins)	Development and implementation of custom interfaces for PDAs (ArcPad data collection project)	Collaborator Subcontract to CARES	2008	\$1,080
Community Policy Analysis Center (CPAC) Dr. Tom Johnson	Mapping and analysis for USDA rural Development	Collaborator Subcontract to CARES	2008	\$1,298
Lehigh Valley Health Network (Dr. Cathy Coyne)	Development and implementation of custom interfaces for PDAs (ArcPad data collection project)	Collaborator Subcontract to CARES	2008	\$2,970
Penn State (Dr. Amy Glasmeier)	Data acquisition and spatial analysis of access to services for Returned Veterans	Collaborator Subcontract to CARES	2008	\$4,995

State of the USA	Prototype interface for integrating CARES GIS in SUSA website	Collaborator Subcontract to CARES	2008	\$9,990
United Way of America	Data acquisition and integration into CARES GIS engine	Collaborator Subcontract to CARES	2008	1,440.00
National Center for Rural Early Childhood Learning Initiatives	Creation of a comprehensive database of ECI Initiatives and programs	Collaborator Subcontract to CIRC/CARES	2007-2008	\$5,000
Trident United Way, Charleston, SC	Volunteer Rating Sheet Forms Information Technology Project	Collaborator Subcontract to CIRC/CARES	2007	\$5,000
Health Management and Informatics - Mr. Wilber Meyer funding to CIRC/CARES	Mercer Putnam Sullivan Counties Consortium MPSRHN Nursing Technology Project – Phase II	Collaborator Subcontract to CIRC/CARES	2005-2006	\$4,000
Health Management and Informatics - Mr. Wilber Meyer funding to CIRC/CARES	Mercer Putnam Sullivan Counties Consortium MPSRHN Nursing Technology Project – Phase I	Collaborator Subcontract to CIRC/CARES	2005	\$3,000
Dr. Fungai Chanetsa, Div. of Behavioral and Minority Research, Center for Health Care Quality, MU	Behavioral Risk Factor Surveillance System Visualization Project	Collaborator Subcontract to CIRC/CARES	2004	\$59,276
Midwest AIDS Training and Education Center	HIV/AIDS Training and Education Spatial Analysis and Visualization System	Collaborator Subcontract to CIRC/CARES	2003-2004	\$3,000
MU Space Planning and Management	MU Campus Accessibility Tracking System using PDAs and Internet GIS	Collaborator Subcontract to CIRC/CARES	2003	\$5,000
World Resources Institute	Global Forest Watch Website and Interactive Map Server	Collaborator Subcontract to CARES	2003	\$10,000
Dr. Charles Sampson, Harry S Truman School of Public Affairs, MU	Minority Governed Municipalities Research	Collaborator Subcontract to CIRC/CARES	2003	\$10,390
Dr. Jane Mosley, Harry S Truman School of Public Affairs, MU	Spatial Statistical Analyses of Food Stamp/Food Pantry Accessibility in Kansas City and Jackson Co., MO	Collaborator Subcontract to CIRC/CARES	2002-2003	\$12,500
Mid-Missouri Regional Planning Commission	GIS and Internet Mapping Project for the Mid-Missouri Regional Planning Commission	Collaborator Subcontract to CIRC/CARES	2002-2003	\$4,500
Dr. Catherine Kaukinen, Bowling	Toronto HIV/AIDS Research using GIS and Spatial Statistics	Collaborator Subcontract	2002-2003	\$1,500

Green State University		to CIRC/CARES		
World Resources Institute	Global Forest Watch Website and Interactive Map Server	Collaborator Subcontract to CARES	2002-2003	\$10,000
College of Agriculture, Food and Natural Resources	Information Technology Support for CAFNR Web Site	Collaborator Subcontract to CARES	2001-2002	\$28,374
University of Missouri Extension	The Nutrient Management Decision Support System Project	Collaborator Subcontract to CARES	1998	\$15,000
University of Missouri Agricultural Experiment Station	Development of a Model for Integrated Environmental and Economic Analyses of Ag. Watersheds	Collaborator Subcontract to CARES	1997-1998	\$15,625
University of Missouri Outreach and Extension and Saline County Commission	Decision Support Assistance for Knowledge Based County Development in Saline County	Collaborator Subcontract to CARES	1997-1999	\$53,979
Food and Agricultural Policy Research Institute funding to Missouri Department of Natural Resources	Missouri Watershed Modeling Application	Collaborator Subcontract to CARES	1996-1997	\$45,000
National Inst. of Agricultural Science and Technology, Rural Dev. Admin., Korea and MU	Collaborative Research Effort in Watershed Management	Collaborator Subcontract to CARES	1996-1999	\$60,605
University of Missouri Agricultural Experiment Station	Mapping project for Missouri Ag. Experiment Station Special Report 490 - The Status of Selected Natural Resources in Missouri	Collaborator Subcontract to CARES	1994	\$5,800

## TEACHING

- Spatial Analysis for Public Affairs - Harry S Truman School of Public Affairs (TSPA), University of Missouri (01.2012 – 05.2012, 01.2011 – 05.2011, 01.2010 – 05.2010; 01.2008 – 05.2008; 08.2006 – 12.2006; 08.2005 – 12.2005; 08.2003 – 12.2003; 08.2002 – 12.2002)
- Informatics and Local Governance - TSPA, University of Missouri (01.2005 – 05.2005; 01.2004 – 05.2004; 01.2001 – 05.2001)
- Informatics in Public Policy and Administration - TSPA, University of Missouri (01.2003 – 05.2003; 06.2001 – 07.2001). Readings course
- Research Methods and Inquiry in Public Affairs - TSPA, University of Missouri (08.2004 – 12.2004; 01.2002 – 05.2002; 08.2001 – 12.2001)
- Geographic Information Systems in Public Policy and Administration - TSPA, University of Missouri (06.2002 – 07.2002)
- Introduction to Ecological Economics - Department of Agricultural Economics (AGECON), University of Missouri (01.2001 – 05.2001; 01.2000 – 05.2000; 01.1999 – 05.1999). Writing Intensive with interactive on-line learning and web-based course management software
- Decision Support Methods and Tools - AGECON, University of Missouri (07.2000 – 08.2000; 07.1999 – 07.1999). Co-instructor, Data Visualization Module

- Development and Management of Natural Resources - AGECON, University of Missouri (08.1990 – 12.1990). Co-instructor

### **PEER REVIEWED PUBLICATIONS**

Fulcher, Christopher. "Community Commons: A Unifying Public Good Web Site for Healthy, Sustainable, and Livable Communities." *National Civic Review*. 103:1(Spring 2014):9-12.

Kaukinen, Catherine and Christopher Fulcher. "Mapping the Social Demography and Location Of HIV Services Across Toronto Neighbourhoods." *Health and Social Care in the Community*. 14:1(January 2006):37-48.

Fulcher, Christopher and Catherine Kaukinen. "Mapping and Visualizing the Location of HIV Service Providers: An Exploratory Spatial Analysis of Toronto Neighborhoods." *AIDS Care*. 17:3(April 2005):386-396.

Franken, Jason, Joe Parcell, Michael Sykuta, and Christopher Fulcher. "Grain Market Integration: Case Studies of Structural Change." *Journal of Agricultural and Resource Economics Review*. 34(2005):1-14.

Motavalli, Peter, John Lory, Manjula Nathan and Christopher Fulcher. "Increased Access to Soil Testing Databases through the World-Wide Web: Opportunities and Issues." *Communications in Soil Science and Plant Analysis* 33:7&8 (2002): 1157–1171.

Sugumaran, Ramanathan, Curt Davis, Jim Meyer, Tony Prato and Chris Fulcher. "Web-Based Decision Support Tool for Floodplain Management Using High-Resolution DEM." *Photogrammetric Engineering and Remote Sensing* 66:10(2000):1261-1265.

Prato, Tony, Chris Fulcher, Shunxiang Wu, and Jian Ma. "Multiple-Objective Decision Making for Agroecosystem Management." *Agricultural and Resource Economics Review* 25:2(1996): 200-212.

Prato, Tony, Yun Wang, Tim Haithcoat, Chris Barnett and Chris Fulcher. "Converting Hydric Cropland to Wetland in Missouri: A Geoeconomic Analysis." *J. of Soil and Water Cons.* 50:(1995):101-106.

Xu, Feng, Tony Prato and Chris Fulcher. "Broiler Litter Application to Land in an Agricultural Watershed: A GIS Approach." *Water Science and Technology* 28(1993):111-118.

### **SELECTED PRESENTATIONS AT U.S. MEETINGS AND CONFERENCES**

Fulcher, Christopher and Alison Copeland. "Green Economies and Community Engagement starts with High Tech: A Path to Community Engagement." The Association of Public Land-Grant Universities (APLU) 2020 Commission on Economic and Community Engagement (CECE) Webinar Series, June 11, 2020.

Fulcher, Christopher and Jamie Kleinsorge. "Visualizing People and Places with Data, Maps, and Reports." National Extension Urban Leadership, North Central Region Network Virtual Conference, May 18, 2020.

Fulcher, Christopher. "The Future of Big Data and the Role of Extension in Bridging High Tech with High Touch." Nebraska Extension Technology 2025 Webinar Series, May 5, 2020.

Fulcher, Christopher. "A Mediated Life: Cybernetic Reflections on Technology and Society." Humanities and Technology Association 41<sup>st</sup> Annual Meeting, Rolla, MO, November 8-9, 2019.

Fulcher, Christopher and Jamie Kleinsorge (invited presentation). "All Things Missouri: Broadband." University of Missouri Extension Connecting to Empower, Engage and Extend 2019 Summit, Columbia, MO, October 24, 2019.

Fulcher, Christopher, Jon Morrison, and Tom Johnson. "Data and Policy: Responding to Human Service Needs." Leading Edge Dialogue, National Urban Extension Conference 2019, Seattle, WA, May 20-23, 2019.

Fulcher, Christopher, Jamie Kleinsorge, and Paul Evenson. "Building and Governing Urban Data Systems." National Urban Extension Conference 2019, Seattle, WA, May 20-23, 2019.

Fulcher, Christopher (invited presenter and delegate). "All Things Missouri: An interactive website to support Extension professionals and policy makers with data, maps, and tools to better understand emerging issues and community needs." 2019 Public Issues Leadership Development (PILD) Conference, Washington DC, April 14-17, 2019.

Fulcher, Christopher (invited presentation). "All Things Missouri." University of Missouri Extension Show Me Momentum 2018 Summit, Columbia, MO, October 23-25, 2018.

Fulcher, Christopher (invited presentation). "Accessing Data and Data Visualization for Advancing Community Change." Cooperative Extension System & Robert Wood Johnson Foundation Culture of Health Training Meeting, National 4-H Youth Conference Center, Chevy Chase, Maryland December 5-8, 2017.

Fulcher, Christopher (invited panelist). "Challenges and Opportunities in Using and Sharing Existing Data Resources." National Institute of Health Pathways to Prevention Workshop: Methods for Evaluating Natural Experiments in Obesity, Washington DC, December 5-6, 2017.

Fulcher, Christopher (invited presentation). "All Things Missouri Knowledge Center and Engagement Council Inventory (ECI)." University of Missouri Extension All Things Missouri Summit, Columbia, MO, October 24-26, 2017.

Fulcher, Christopher (invited panelist). "Community Commons: Social and Environmental Determinants of Health." Understanding the Drivers of Disparities and Health panel discussion at Health Care Service Corporation (HCSC) Health Equity Summit, Chicago, IL, May 2, 2017.

Fulcher, Christopher (invited presentation). "Big Data and Health Disparities: Mapping a Strategy for Access and Accountability." The Healthcare Quality and Equity Action Forum, Disparities Solutions Center at Massachusetts General Hospital, Boston MA, September 29, 2016.

Fulcher, Christopher (invited presentation). "Community Commons." People-Centered Internet – Global Connectivity Design Session (including Vint Cerf, Co-Founder of the Internet), San Francisco, CA, July 28, 2016.

Fulcher, Christopher (invited panel presentation). "Community Commons: Frontiers in Big Data for Public Health." National Committee on Vital and Health Statistics (NCVHS), Public Health 3.0 Roundtable on Data, Metrics, and Predictive Modeling, Washington DC, March 22, 2016.

Fulcher, Christopher, Ross Comstock and Anne Whatley (invited presentation). "A Healthy Data Ecosystem for the Social Sector: What's Philanthropy's Role? Research Findings and Recommendations." Technology Affinity Group (Promoting Technology in Philanthropy) Conference, Hollywood, CA, November 10-12, 2015.

Fulcher, Christopher and Jamie Kleinsorge (invited presentation). "Community Commons: Data, Tools, and Stories to Improve Communities and Inspire Change." MU Extension Summit 2015, Columbia, MO, October 28, 2015.

Fulcher, Christopher (invited presentation). "Community Commons: Utilizing Maps and Data to Support Community Assessment and Prevention." The Alliance of Missouri Community Foundations Meeting, Columbia, MO, October 26, 2015.

Fulcher, Christopher and Erin Barbaro (invited presentation). "Community Commons: Utilizing Maps and Data to Support WKKF Priority Places." W. K. Kellogg Foundation Data Day, Battle Creek, MI, July 29th, 2015.

Fulcher, Christopher. "Community Commons: Public Good Utility for Healthy, Sustainable, and Livable Communities." 2014 Esri Health GIS Conference, Colorado Springs, CO, Nov. 4, 2014.

Fulcher, Christopher (*invited panelist and participant*). "The View from Data Suppliers: Community Commons." Roundtable on Supporting Community Data Engagement, sponsored by the National Committee on Vital and Health Statistics (NCVHS), Washington, DC, October 27 – 28, 2014.

Fulcher, Christopher, Roxanne Medina-Fulcher, and Angelica Baltazar (*invited presentation with Esri*). "An Open Health Data Approach." 47th Annual IT Solutions Management for Human Services Conference, Atlanta, GA, September 22, 2014.

Fulcher, Christopher (*Keynote speaker*). "Mapping the Problem: Health Disparity by Zip Code." Geographic Health Equity Symposium (Geographic Health Equity Alliance operated by the Community Anti-Drug Coalitions of America), Orlando, FL, July 25, 2014.

Fulcher, Christopher (Invited panelist). "Community Commons." Using Data to Foster Community Engagement for Health Improvement track, Health Datapalooza 2014, Washington DC, June 2, 2014.

Fulcher, Christopher (*Invited Speaker*). "Accelerating Community Health Improvement: Community Commons and the CHNA Toolkit." Health Datapalooza IV, Washington, D.C., June 3-4, 2013.

Fulcher, Christopher (*Invited Speaker*). "Community Commons: A Unifying Public Good Utility for Healthy, Sustainable and Livable Communities." CDC-National Network of Public Health Institutes Convening on Advancing Practices in Community Health Improvement: Emerging Tools for Collaborative Planning, Atlanta, GA, May 28-29, 2013.

Fulcher, Christopher (*Invited Speaker*). "Community Commons: A Unifying Public Good Utility for Healthy, Sustainable and Livable Communities." National Committee on Vital and Health Statistics convening, Washington DC, April 29 – May 3, 2013.

Fulcher, Christopher (*Invited Speaker*). "An Overview of CARES GIS Activities." CDC-funded think-tank meeting for "Creating a Framework for GIS Mapping in Safe Routes to School," Austin, TX, April 21-23, 2013.



Fulcher, Christopher. "Visualizing People, Place and Possibility." TEDx presentation at Missouri Theater, Columbia, MO, April 6th, 2013 (<http://www.youtube.com/watch?v=Q37l8ss-Xh4>).

Fulcher, Christopher (*Invited Speaker*). "Childhood Obesity GIS (COGIS) Collaborative Management System." Robert Wood Johnson Foundation's Healthy Eating Research 7th Annual Grantee Meeting, New Orleans, LA, March 13-15, 2013.

Fulcher, Christopher (*Invited Speaker*). "Creating and Sharing Data-driven Stories using the Childhood Obesity Geographic Information System." Robert Wood Johnson Foundation Childhood Obesity Biannual Leaders' Retreat, Dallas, TX, November 14-15, 2012.

Fulcher, Christopher, Chris Barnett, Jackie Orr and Heather Lockard. "Community Needs Assessment Reporting System." 2012 Community Action Partnership Convention, New York City, NY, August 19-22, 2012.

Fulcher, Christopher (*Invited Speaker*). "Community Commons: A Mapping, Networking, and Learning Utility for Creating Healthy, Equitable, and Sustainable Communities." Health 2.0 Commercialization Roundtable, Washington D.C., June 5, 2012.

Fulcher, Christopher (*Invited Speaker*). "Community Commons: A Mapping, Networking, and Learning Utility for Creating Healthy, Equitable, and Sustainable Communities." HDI Forum III: The Health Datapalooza, Washington, D.C., June 5-6, 2012

Fulcher, Christopher (*Invited Speaker*). "Community Commons: Democratized Learning & Innovation Platform for Healthy Communities." 2012 Healthy People State & Territorial Coordinators Workshop, Washington D.C., April 11, 2012.

Fulcher, Christopher (*Invited Speaker*). "Community Commons: Democratized Learning & Innovation Platform for Healthy Communities." 2012 National Health Promotion Summit: Prevention. Promotion. Progress, Washington D.C., April 10, 2012.

Fulcher, Christopher (*Invited Speaker*). "Meshing Geographic Information Technologies with Collaborative Management Systems to Better Align Interventions with People and Place." 12th Annual Scientific Meeting of the AAHB Applications of Technology in Health Behavior Research, Austin, TX, March 18-21, 2012.

Fulcher, Christopher, Tyler Norris and Roxanne Medina-Fulcher. "Community Commons: A Mapping, Networking, and Learning Utility for Creating Healthy, Equitable, and Sustainable Communities." 2012 National Conference for the Association for Community Health Improvement: Elevating Community Health Practice, Denver, CO, March 14-16, 2012.

Fulcher, Christopher (*Invited Speaker*). "Childhood Obesity Prevention Geographic Information System (GIS)." 3<sup>rd</sup> Annual *Salud America!* Scientific Conference, San Antonio, TX, September 14-16, 2011.

Fulcher, Christopher (*Invited Speaker*). Center for Applied Research and Environmental Systems (CARES) - Facilitating New Ways to Strengthen Decision Making." Monitoring and Evaluation — Panel #8 for CDC Public Forum: Best Practices for Community Health Needs Assessment and Implementation Strategy Development: A Review of Scientific Methods, Current Practices, and Future Potential, Atlanta, GA., July 11-13.

Fulcher, Christopher. "Childhood Obesity Prevention GIS." Department of Health and Human Services Health Data Initiative Forum, Washington D.C., June 9, 2011.

Fulcher, Christopher and Tyler Norris. "Community Common." Department of Health and Human Services Health Data Initiative Forum, Washington D.C., June 9, 2011.

Fulcher, Christopher (*Invited Speaker*). "Community Issues Management (CIM): Facilitating New Ways to Strengthen Community Decision Making." Community Health Data Symposium, Baltimore, Maryland, October 28, 2010.

Fulcher, Christopher (*Invited Speaker*). "Community Issues Management (CIM): Facilitating New Ways to Strengthen Human Services Decision Making." 43<sup>rd</sup> Annual ISM (IT Solutions Management for Human Services) Conference, Chicago Illinois, August 30, 2010.

Fulcher, Christopher and Deryk Van Brunt. "Building Healthy Communities: Visualizing Local Data and Tools for Change." National Network for Public Health Institutes Annual Meeting: Navigating Emerging Opportunities, New Orleans, Louisiana, June 7-9, 2010.

Fulcher, Christopher and Jocelyn Richgels (*Invited Speakers*). "Comprehensive Community Needs Assessment Tool." National Association for State Community Service Programs (NASCS) Mid-Winter Training Conference, Washington D.C., February 25, 2010.

Fulcher, Christopher and Stephanie Browning. "Community Issues Management (CIM): A New Approach to Targeting Resources." Missouri Public Health Association State Conference - Building a Foundation for a Healthy Missouri, Columbia, Missouri, September 24-25, 2009.

Fulcher, Christopher (*Invited Speaker*). "Ramping up Community and Head Start Needs Assessments Using Community Issues Management (CIM)." New York State Community Action Agency (NYSCAA) / NYSWDA Conference, Niagara Falls, New York, June 10-12, 2009.

Fulcher, Christopher and Jocelyn Richgels (*Invited Speakers*). "RUPRI Data Tools: A Resource for Conducting Quality Needs Assessments." 2009 NASCS Mid-Winter Training Conference, Washington D.C., February 4-6, 2009.

Fulcher, Christopher, Tracy Greever-Rice, and Tom Johnson (*Co-presenters*). "Expanding Your Tool Box to Assist in Local Decision Making: What's New and How it All Integrates MU Extension Annual Conference, Columbia, Missouri, October 28-30, 2008.

Fulcher, Christopher (*Invited Speaker*). "Community Issues Management." 2008 Missouri Association for Community Action Annual Conference, Lake Ozark, Missouri, October 1-3 2008.

Fulcher, Christopher (*Invited Speaker*). "How Can Data Inform Decision-Making to Achieve Equity?" Symposium on Social Determinants of Racial & Ethnic Health Disparities, Washington University, St. Louis, June 11, 2008.

Fulcher, Christopher, Michael Brennan, Cathy Coyne, Christopher Kerrigan, Ed Parker, Roxanne Medina-Solomon (*Co-presenters*). "Putting Technology in its Place: Build Your Web-based Community Workbench to Improve Engagement and Impact Strategies." United Way Community Leaders Conference, Baltimore, MD, May 14-16, 2008.

Fulcher, Christopher, Joyce Essien, Jeff Etchason, and Roxanne Medina. "Community Issues Management System: A National Framework for Visualizing and Analyzing Community Health and Human Service Delivery and Outcomes." Association for Community Health Improvement 5<sup>th</sup> Annual Conference, Atlanta, Georgia, March 5-7, 2008.

Fulcher, Christopher (*invited speaker*). "Beyond the Technology: The Role of Internet Geographic Information Systems in Public Policy Decision Making for Higher Education Administration." 2006 National Collegiate FM Technology Conference, Columbia, Missouri, August 1-4, 2006.

Fulcher, Christopher. "The Use of Internet Mapping in Support of Rural Healthcare and Public Policy Development." Twenty-eighth Annual Rural Hospital Conference, Breckenridge, Colorado, May 5, 2005.

Fulcher, Christopher, Cathy Grace and Elizabeth Shores (*Co-presenters*). "The Early Childhood Atlas: Using Maps for Policy Analysis and Advocacy." NAEYC (National Association for the Education of Young Children) Public Policy Forum, Washington D.C., March 15, 2006.

Fulcher, Christopher and Erin Wilson (*Co-presenters*). "Place-based Storytelling: Visualizing and Mapping your College Community." 4<sup>th</sup> Annual Rural Community College Alliance, Duluth, Minnesota, September 11-13, 2005.

Fulcher, Christopher (*invited speaker – Plenary session*), Fungai Chanetsa, Yan Barnett and Chris Barnett. "BRFSS Sampling Methodology and Vulnerable Populations: A Spatial Analytic Approach." 2004 NLM Training Conference, Indianapolis, Indiana, June 9-10, 2004.

Kaukinen, Catherine and Christopher Fulcher (*PAA Best Poster Award*). "Visualizing the Accessibility and Spatial Equity of HIV-Related Services: A Geographic Analysis of Chicago Neighborhoods." 2004 Population Association of America Annual Meeting, Boston, Massachusetts, April 1-3, 2004.

Fulcher, Christopher, Fungai Chanetsa, Yan Barnett and Chris Barnett. "Integrating BRFSS Data with Demographic and Health Service Indicators." 21st Annual Behavioral Risk Factor Surveillance System Conference, Scottsdale, Arizona, February 9-12, 2004.

Fulcher, Christopher and Catherine Kaukinen. "HIV/AIDS Community Health Information System." American Medical Informatics Association 2003 Symposium, Washington D.C., November 8-12, 2003.

Mosley, Jane, Catherine Kaukinen, Christopher Fulcher and L. Tiehen. "The Influence of Individual and Neighborhood Characteristics on the Use of Food Stamps and Food Pantries." Paper presented at the 25<sup>th</sup> Annual Association for Public Policy Analysis and Management (APPAM) Research Conference, Washington, D.C., November 6-8, 2003.

Fulcher, Christopher. "The Use of Internet Mapping in Support of Rural Public Policy and Decision Support." First Annual Conference - National Consortium of Rural Geospatial Innovations in America, Penn State, State College, Pennsylvania, October 23-25, 2003.

Fulcher, Christopher (*Invited Speaker*). "Geographic Information Systems, Decision Making in Municipal Government, and the CARES Program." 2002 Missouri Municipal League Annual Conference, St. Louis, Missouri, September 8-11, 2002.

Fulcher, Christopher. "Informatics and Local Governance." 24th Annual Conference on Teaching Public Administration, Arizona State University, Tempe, Arizona, February 4-5, 2001.

Fulcher, Christopher (*Invited Speaker*). "Technologies for Community-Based Decision Making." Missouri Environmental Quality Conference - Global Climate Change and Agro-environmental Policies: Millennium Challenges, University of Missouri Campus - Reynolds Alumni Center, Columbia, Missouri, February 3rd, 2000.

Fulcher, Christopher. "Community Mapping: An Internet-Based Tool for Community Decision Support." 13th Annual Conference of the Public Administration Theory Network, "Multiple Perspectives, Multiple Works," Ft. Lauderdale, Florida, January 28-29, 2000.

### **SELECTED PRESENTATIONS AT INTERNATIONAL MEETINGS AND CONFERENCES**

Fulcher, Christopher (invited panelist), Susan Boone, Brian Reese, and Ryan Deska. "Role of Communities in the Provision of Health, Mental Health, Addiction, and Harm Reduction Services and Supports." Bell Island Field Tour Panel Discussion, Sustainable Communities: 2019 Canadian Rural Revitalization Foundation - North Atlantic Forum Conference, Memorial University, St. John's, Newfoundland, Canada, October 1-5, 2019.

Fulcher, Christopher (invited Keynote panelist), Barb Nels, Kerry Murray, Sharon McLennon, and Ray Bollman. "The Future of rural Work." Sustainable Communities: 2019 Canadian Rural Revitalization Foundation - North Atlantic Forum Conference, Memorial University, St. John's, Newfoundland, Canada, October 1-5, 2019.

Fulcher, Christopher (*Invited panelist*). "Engaging policy-makers: Lessons from the PSPPD." Programme to Support Pro-Poor Policy Development (PPSD) II Call for Proposals (CfP2) Research Dissemination Conference, Pretoria, South Africa, March 14-15, 2017.

Fulcher, Christopher (*Invited panelist*). "How Big Data is Enabling Innovative Approaches to Improving Health and Wellness." Social Capital Markets (SOCAP) 2013 International Conference, San Francisco, CA, September 2-5, 2013.

Fulcher, Christopher and Annette Sobel, Glen Cameron and Ricky Leung (*Panel Presenters*). "Health Information Social Networks as Enablers of Disaster Resiliency." Medicine 2.0: Social Media, Mobile Apps, and Internet/Web 2.0 in Health, Medicine and Biomedical Research, Harvard Medical School, Boston, MA. September 15-16, 2012.

Fulcher, Christopher, Patsy Carter and Ellen Kagen. "Missouri's Show Me Bright Futures Application of the Public Health Model to Child Mental Health." 138th American Public Health Association Annual Meeting, Denver Colorado, November 6-10, 2010.

Fulcher, Christopher and Charles Fluharty (*Invited Speakers*). "The U.S. Experience in Place-Based Policy, and the RUPRI/CARES Contribution." Bringing Place-Based Tools to Policy Development in the [Canadian] Federal Government: Connecting Knowledge, Analysis and Decision-Making Workshop, Ottawa, Canada, February 22, 2010.

Fulcher, Christopher. "Community Issues Management (CIM): A Web-based System for Community Health." 137<sup>th</sup> Annual APHA Meeting & Exposition, Philadelphia, PA, November 7-11, 2009.

Fulcher, Christopher, Mary Simon Leuci, and Stephen Jeanetta. "The Use of Community Issues Management (CIM) to Integrate Community Data and Facilitate Informed Decisions." 41<sup>st</sup> Annual International Community Development Society Conference - Celebrating Community: Creating Hope in Uncertain Times, Memphis Tennessee, July 26-29, 2009.

Fulcher, Christopher, Roxanne Medina-Solomon and Kathryn Englehardt-Cronk. "Understanding and Measuring What Matters: An Overview of Knowledge Integration Management (KIM) and the Collaboration that Makes it Happen." Fifth International Community Indicators Consortium Conference, Jacksonville, Florida, March 7-9, 2007.

Fulcher, Christopher. "Bridging the Rural-Urban Differential using Internet GIS for Policy Analysis." 44<sup>th</sup> Annual Conference of the Urban and Regional Information Systems Association (URISA), Vancouver, British Columbia, Canada, September 26-29, 2006.

Barnett, Yan and Christopher Fulcher (*Co-presenters*). "DisAbility Spin: Disability Community Connection in Missouri." 44<sup>th</sup> Annual Conference of the Urban and Regional Information Systems Association (URISA), Vancouver, British Columbia, Canada, September 26-29, 2006.

Fulcher, Christopher, Prof. Tirso Paris, Dr. D.S. Priyarsono, and Dr. Lee Dong Phil (*Panel Discussants*). Session on "Information Technology in Agriculture and Rural Sector." 5<sup>th</sup> Asia Pacific Agriculture Policy Forum. Cheju National University, Jeju Island, South Korea, September 13-17, 2006.

Essien, Joyce and Christopher Fulcher. "The Public Good in Information Systems and Community Processes." Third International Community Indicators Conference, Burlington, Vermont, December 1-3, 2005.

Fulcher, Christopher (*Presenter*) and Catherine Kaukinen. "Internet Mapping as a Public Policy Tool: An Application to Health Care Provision." 17<sup>th</sup> Biennial Conference of the Association for Canadian Studies in the United States, Portland, OR, November 19-23, 2003.

Kaukinen, Catherine (*Presenter*) and Christopher Fulcher. "Visualizing Access and Quality of HIV Service Providers: Variation Across Toronto Neighborhoods." 17<sup>th</sup> Biennial Conference of the Assoc. for Canadian Studies in the United States, Portland, OR, November 19-23, 2003.

Fulcher, Christopher. "The Role of Internet GIS in Public Participation: Connecting Who, What, When, Why to Where." Rocky Mountain Summit: Sustaining Ecosystems and their People, Whitefish, Montana, September 22-25, 2002.

Fulcher, Christopher. "Spatial Decision Support Systems for Local Government: The Unintended Consequences of Tightened Security on the Local Decision Making Process." 2002 International Symposium on Technology and Society (ISTAS'02), Raleigh, North Carolina, June 6-8, 2002.

Fulcher, Christopher (*Invited Speaker*). "The Role of Geoinformatics in Community Decision Support." IWS Internet Workshop 2001 Conference: International Workshop on Next Generation Internet and its Applications, National Center of Sciences, Tokyo, Japan, February 21-23, 2001.

Fulcher, Christopher. "A Web-Based Integrated Resource Management System (IRMS)." ISEE 2000 - People and Nature: Operationalising Ecological Economics, The Australian National University, Canberra, Australia, 5-8 July 2000.

Fulcher, Christopher (*Invited Speaker*). “An Internet-Based Integrated Resource Management System.” Asia-Pacific Advanced Network (APAN) / IWS [Internet Workshop] '99 Conference: International Workshop on Advanced Multimedia Communication Network in Asia-Pacific Area, Osaka, Japan, February 18-20, 1999.

### **SELECTED INVITED MEETINGS AND LECTURES**

Fulcher, Christopher (invited speaker). “Expanding the Bandwidth of Broadband Collaboration.” UM System Research Summit: Broadband Initiatives, University of Missouri Kansas City, Kansas City, MO, February 5, 2020.

Fulcher, Christopher and Christopher Barnett (invited facilitators). Indicator Frameworks design session with the National Urban Extension Leaders (NUEL) Steering Committee at Winter Board Meeting, Tampa, FL, December 3-4, 2019.

Fulcher, Christopher (invited panelist), Ed Corno, Tom Goldsby, David Hakanson, Jennifer Hopper, and David Taylor. “Out of the Box Approaches for Strategic Prioritization.” St. Louis University Center for Supply Chain Excellence Rooftop Speaker Series, St. Louis, MO, November 21, 2019.

Fulcher, Christopher (invited participant). Well Being in the Nation (WIN) Network strategy meeting, Washington DC, October 30 – November 1, 2019.

Fulcher, Christopher (invited presentation). “University of Missouri Kansas City Engagement Portal.” University of Missouri Engagement Week, University of Missouri Kansas City, Kansas City, MO, October 24, 2019.

Fulcher, Christopher (invited presentation). “University of Missouri St. Louis Engagement Portal.” University of Missouri Engagement Week, University of Missouri St. Louis, St. Louis, MO, October 21, 2019.

Fulcher, Christopher (invited presentation). “Missouri Science and Technology Engagement Portal.” University of Missouri Engagement Week, Missouri S&T, Rolla, MO, October 21, 2019.

Fulcher, Christopher (invited presentation). “All Things Missouri: A Robust Data, Mapping and Reporting Website for Visualizing Community Health.” UM System Research Summit: Data Science in Healthy Communities, University of Missouri Kansas City, Kansas City, MO, ([https://www.kaltura.com/index.php/extwidget/preview/partner\\_id/1805561/uiconf\\_id/25995581/entry\\_id/1\\_6wz2t2wf/embed/dynamic](https://www.kaltura.com/index.php/extwidget/preview/partner_id/1805561/uiconf_id/25995581/entry_id/1_6wz2t2wf/embed/dynamic) Start segment at 1:08:20 – 1:21:12) September 25, 2019.

Fulcher, Christopher (invited participant). US News and World Report Healthiest Communities design session with advisory board for Health Rankings project, Washington DC, August 14-15, 2019.

Fulcher, Christopher (invited participant). Well Being in the Nation (WIN) Network Framework Implementation Planning meeting, Oakland, CA, April 9-11, 2019.

Fulcher, Christopher (invited participant). American Heart Association’s Northeast Health Equity Consortium (NHEC) meeting, Old Saybrook, CT, January 28-30, 2019.

Fulcher, Christopher (invited participant). Well Connected Communities Leadership Execution Meeting, National 4-H Conference Center, Chevy Chase, MD, December 4-6, 2018.

Fulcher, Christopher (invited participant). American Eagle Communications and Marketing design session, Chicago, IL, November 18-20, 2018.

Fulcher, Christopher (invited participant). Well Connected Communities website design session to provide support to hundreds of communities during the next ten years, National 4-H Conference Center, Chevy Chase, MD, July 24-25, 2018.

Fulcher, Christopher (invited participant). US News and World Report Healthiest Communities design session with advisory board for Health Rankings project, Washington DC, June 12-14, 2018.

Fulcher, Christopher (invited participant). Adventist Health System design session, Sacramento, CA, May 14-15, 2018.

Fulcher, Christopher (invited participant). Well-Connected Communities Leadership Execution Meeting, National Health Outreach Conference, Bloomington, MN, April 30 – May 4, 2018.

Fulcher, Christopher (invited presenter). “A Proposed PEARS – CARES Collaboration” presentation to Association of SNAP Nutrition Education Administrators (ASNNA) leadership team, Washington DC, February 4-6, 2018.

Fulcher, Christopher (invited participant). Providence St. Joseph Health and Wellbeing Trust Mental Health & Wellness Data & Evaluation Design Session 1 (Capgemini), San Francisco, CA, October 18-19, 2017.

Fulcher, Christopher (invited participant). Measuring Wellbeing in Communities: Advancing Implementation of National Committee on Vital and Health Statistics Recommendations – Implementation Workgroup Launch meeting, Washington DC, August 3, 2017.

Fulcher, Christopher (invited participant). Missouri Foundation for Health and Missouri Hospital Association Zip Code Health Rankings design session, St. Louis, MO, July 28, 2017.

Fulcher, Christopher (invited participant). Wellbeing Trust and Providence-St. Joseph Health healthy community and data platform design session, Portland, OR, July 19, 2017.

Fulcher, Christopher (invited participant). US News and World Report design session meeting with advisory board for Health Rankings project, Washington DC, June 30, 2017.

Fulcher, Christopher (invited participant). Robert Wood Johnson Foundation Dashboard Development Meeting, Natl. Institute of Food and Agriculture, Washington DC, May 10, 2017.

Fulcher, Christopher (invited participant). American Heart Association’s Northeast Health Equity Consortium (NHEC) meeting, New York City, NY, April 5, 2017.

Fulcher, Christopher (Guest presenter). “The Role of Data in a Post-Truth Society.” Health Data Users Group Seminar Series, University of Missouri Medical School, Columbia, MO, December 16, 2016.

Fulcher, Christopher (Invited participant). Robert Wood Johnson Foundation (RWJF) Healthy Children, Healthy Weight Program Leaders’ Advance, Princeton, NJ, November 30 – December 2, 2016.

Fulcher, Christopher (Guest lecture). "Community Commons: Utilizing Maps and Data to Support Community Assessment and Prevention." Managerial Epidemiology (Dr. Julie Kapp), University of Missouri, Columbia, MO, September 15, 2016.

Fulcher, Christopher (Interviewee). "Community Commons." Empowered Patient Podcast hosted by Karen Jagoda. <http://empoweredpatientradio.com/community-health-needs-assessments-with-chris-fulcher-community-commons>, March 24, 2016.

Fulcher, Christopher (Invited Faculty/Alumni panel presentation). "The Role of Community Commons as a Data and Technology Infrastructure for the Social Sector." MU Informatics Symposium 2016, University of Missouri, Columbia, MO, April 5, 2016.

Fulcher, Christopher (Invited participant). W. K. Kellogg Foundation Working Session on "Connected Communities" web-based platform for Truth, Racial Healing and Transformation (TRHT). Chicago, IL, October 5, 2016.

Fulcher, Christopher (Invited participant). National Committee on Vital and Health Statistics (NCVHS) workshop - "Using Sub-county Data to Promote Multi-sector Approaches for Community Health and Well-being: Identifying Gaps and Opportunities." Washington, DC, September 27, 2016.

Fulcher, Christopher (Invited participant). Robert Wood Johnson Foundation (RWJF) Inaugural *Sharing Knowledge to Build a Culture of Health* conference, Baltimore, MD, March 9 – 11, 2016.

Fulcher, Christopher. Community Commons booth presentations. MU Extension Legislative Day, Jefferson City, MO, March 2, 2016.

Fulcher, Christopher (Invited participant). Meeting on Ebola Innovation for Impact 2015: Game Change in Global Health Crisis Management, United Nations, New York, NY, July 9, 2015.

Fulcher, Christopher (Invited participant). "Group 6: Sense-making and Situational Awareness." Global Ebola Response: Ebola Innovation for Impact 2015 - Data Strengthening, Situational Awareness & Coordination - Working Group Sessions, United Nations, New York, NY, July 8, 2015.

Fulcher, Christopher (Guest lecture). "Community Commons: Utilizing Maps and Data to Support Community Assessment and Prevention." Geoinformatics Module for Introduction to Informatics: Foundations and Applications (Dr. Chi-Ren Shyu), University of Missouri, Columbia, MO, December 4, 2015.

Fulcher, Christopher (Invited presentation). "Community Commons: A Public Good Utility for Healthy, Sustainable, and Livable Communities." Texas Health and Human Services Commission, November 13, 2014.

Fulcher, Christopher, Christopher Barnett, Erin Barbaro, and Eloi Espanol. "Data and WKKF Commons Week." W. K. Kellogg Foundation, Battle Creek, MI, June 29 – July 3, 2014.



Fulcher, Christopher and Christopher Barnett. "Community Commons GIS Demonstrations." CARES featured partner at Esri booth, Healthcare Information and Management Systems Society (HIMSS) 2014 Annual Conference, Orlando, FL, February 23-26, 2014.

Fulcher, Christopher, Monte Roulier, and Roxanne Medina-Fulcher. "Community Commons: A Public Good Utility for Healthy, Sustainable, and Livable Communities." Robert Wood Johnson Foundation, Princeton, NJ, April 10, 2014.

Fulcher, Christopher, and Monte Roulier. "Community Commons: A Mapping, Networking, and Learning Utility for Creating Healthy, Equitable, and Sustainable Communities." Presentation to CDC, Atlanta, GA, November 26-27, 2012.

Fulcher, Christopher. "Center for Applied Research and Environmental Systems (CARES): Facilitating New Ways to Strengthen Decision Making." Prevention Research Center, Cleveland, OH, October 23-24, 2012.

Fulcher, Christopher. "Community Health Needs Assessments and CARES Custom Learning Systems." Centers for Disease Control and Prevention (CDC) Community Health Needs Assessment Advisory Group meeting, Atlanta, GA, December 7, 2011.

Fulcher, Christopher, Tyler Norris and Laura Brennan. "Discussion of CARES Systems, Community Commons and the Childhood Obesity GIS." National Collaborative on Childhood Obesity Research (NCCOR) Evaluation Forum, Washington D.C., June 24, 2011.

Fulcher, Christopher, Mary Leuci, Bill Elder, and Regional MU Extension Faculty. Legislative Workshop. Jefferson City, MO, July 8, 2010.

Fulcher, Christopher and Jocelyn Richgels. "Overview of CARES Activities." Presentation to the Center for Faith-Based and Neighborhood Partnerships, Office of the Secretary, U.S. Department of Agriculture, Washington D.C., December 10, 2009.

Fulcher, Christopher, RUPRI leadership and RUPRI Center Directors. "Rural Policy Research Institute and Regional Rural Innovation." Briefing to USDA Senior Leadership, Washington D.C., August 21, 2009.

Fulcher, Christopher, Chris Barnett, Yan Barnett, Erin Barbaro, and Mike Barbaro. "Overview of CARES Activities." Presentations to Y-USA staff at Y-USA-CARES information exchange convening, Columbia, Missouri, August 6-7, 2009.

Fulcher, Christopher. "Comprehensive Community Needs Assessment Tool (CCNA) and Community Issues Management (CIM)." RUPRI Rural Human Services Panel Meeting, Austin, Texas, July 19-21, 2009.

Fulcher, Christopher. "Data and Mapping: Analyzing and Visualizing Rural Health." Midwest Health Journalism Fellows Rural Health Workshop, Kansas City, Missouri, June 5, 2009.

Fulcher, Christopher. "Internet Geographic Information Systems for Data Integration and Decision Support: An Overview of Applications and Potential Uses." Moi University, Eldoret, Kenya, September 1, 2008.

Fulcher, Christopher. "Community Issues Management: A System for Aligning Resources with People and Place." Missouri Community Action Directors Association (MCADA) meeting, Country Club Hotel and Spa, Lake Ozark, Missouri, August 13, 2008.

Fulcher, Christopher. "Community Issues Management – A Community Convening Tool for Making More Informed Decisions." American Cancer Society Convening, Atlanta, Georgia, December 12, 2007.

Fulcher, Christopher. "A Community-Based Integrated Health and Human Services Information System (IHHSIS) for Lehigh Valley, Pennsylvania." The Dorothy Rider Pool Health Care Trust and Lehigh Valley Hospital and Health Network, Allentown, PA, April 24, 2007.

Fulcher, Christopher and Jocelyn Richgels (*Co-presenters*). "The Rural Policy Research Institute's Community Information Resource Center (RUPRI-CIRC): An Overview of Applications." American Public Human Services Association, Washington, DC., January 16, 2007. APHSA

Fulcher, Christopher, Roxanne Medina-Solomon and Chris Kerrigan. "Understanding and Measuring What Matters: Trident United Way's Knowledge Integration Project." United Way of America, Alexandria, VA, December 1, 2006.

Fulcher, Christopher. "The Chain is only as Strong as its Weakest Link: The Role of the American Community Survey in Rural Public Policy Decision Making." Brookings Briefings on the Census: Better Data for Better Decisions: The Value of the American Community Survey to the Nation. Urban Markets Initiative, The Brookings Institution, Washington, DC., June 23, 2006.

Fulcher, Christopher. "Dynamic Mapping of Community Accessibility within an Integrated Community Resource Framework." National Institute on Disability and Rehabilitation Research, Washington DC, February 22, 2006.

Fulcher, Christopher. "Informing Rural Public Policy: An Informatics Approach." Korea Rural Economic Institute, Seoul, South Korea, January 12, 2006.

Fulcher, Christopher. "The Role of Informatics in Municipal Government Decision Making and Community Development." Pyeongtaek City Mayor and Administration, Pyeongtaek City, South Korea, January 9, 2006.

Fulcher, Christopher. "CARES Internet GIS Applications as They Relate to NLM-SIS' TOXMAP Effort." National Library of Medicine - Specialized Information Services, Washington DC, November 7, 2003.

Fulcher, Christopher. "The Role of Internet GIS in Decision Support System Development and Implementations at CARES." National Library of Medicine - Specialized Information Services, Washington, DC, August 27, 2003.

Fulcher, Christopher and Catherine Kaukinen (*Co-presenters*). "Accessibility of HIV/AIDS Service Providers: The Application of Spatial Analysis and Internet Mapping for Research Service Provision and Public Policy." The Clinical Epidemiology Rounds, St. Michaels Hospital - Inner City Health Research Unit (A teaching hospital affiliated with the University of Toronto), Toronto, Canada, February 27, 2003.

Fulcher, Christopher and Catherine Kaukinen (*Co-presenters*). "Mapping HIV Interventions in Toronto and Chicago." AIDS Committee of Toronto, Toronto, Canada, December 12, 2002.

Fulcher, Christopher and Catherine Kaukinen (*Co-presenters*). "STD/HIV/AIDS Interventions Across Chicago Neighborhoods: A Spatial Analytic Approach For Public Policy." Chicago Department of Public Health – Division of STD/HIV/AIDS Public Policy and Programs, Chicago, Illinois, April 25, 2002.

### **SELECTED WORKSHOPS**

Fulcher, Christopher, Josh Sharfstein, and Evette Marie De Luca (invited panelists). "Data Collection and Visualization." Bringing Public Health and Primary Health Together: The Practical Playbook National Meeting, Bethesda, MD, May 23, 2016.

Fulcher, Christopher and Jamie Kleinsorge (Workshop). "Community Commons: Utilizing Maps and Data to Support Community Assessment and Prevention." 2015 Geographic Health Equity Symposium, New Orleans, LA, September 10-12, 2015.

Fulcher, Christopher and Roxanne Medina-Fulcher (Workshop). "Community Commons: A National Data, Mapping and Reporting Platform to Support Policy Implementation." 2015 Active Living Research (ALR) Annual Conference, San Diego, CA, February 22-25, 2015.

Fulcher, Christopher and Roxanne Medina-Fulcher (Workshop). "Childhood Obesity Geographic Information System (COGIS) Demonstration." Robert Wood Johnson Foundation Childhood Obesity Program Leaders' Advance, Princeton, NJ, May 28 - 30, 2014.

Fulcher, Christopher and Erin Barbaro. "Childhood Obesity GIS (COGIS): A Hands-on Workshop." Robert Wood Johnson Foundation Childhood Obesity Biannual Leaders' Retreat, Dallas, TX, November 14-15, 2012.

Fulcher, Christopher. "The Roles of Internet and Desktop GIS for Place-based Analysis and Data Visualization: AAHB Professional Development Two-Day Workshop." 12th Annual Scientific Meeting of the AAHB Applications of Technology in Health Behavior Research, Austin, TX, March 18-21, 2012.

Fulcher, Christopher, Hank Herrera, Roxanne Medina-Fulcher, Chris Paterson, and Wendy Peters Moschetti. "Community Data and Shared Learning Systems for Food Justice." Workshop: 15<sup>th</sup> Annual Community Food Security Coalition Conference: Food Justice – Honoring our Roots, Growing the Movement, Oakland, CA, November 5-8, 2011.

Fulcher, Christopher, Erin Barbaro, Roxanne Median-Fulcher, Wendy Peters Moschetti, and Lyn Kathlene. "Accessing and Using Food Data to Support Collaborative Policy Decisions." Workshop: Food Policy from Neighborhood to Nation, Portland, OR, May 19-21, 2011.

Fulcher, Christopher, Dave Poulson and Jeff Porter (*Invited Speakers*). "Data and Mapping: Resources for Visualizing Rural Health." Rural Health Journalism Workshop 2008, Columbia, Missouri, May 2-4, 2008.

Fulcher, Christopher, Chris Barnett and Bryan Mayhan. "Workshop on Internet Geographic Information Systems – A Framework for Making Wiser Public Choices." Full Day Workshop at the Texas Comptroller's Training Facility, Austin, Texas, September 18, 2007.

Fulcher, Christopher and Jocelyn Richgels. "Community Issues Management: A Community Information System for Wiser Public Choices in Poverty Alleviation." Workshop: National Symposium on Poverty and Economic Security, Bethesda, MD, May 29 – 31, 2007.

Fulcher, Christopher and Erin Wilson. "A Dynamic Atlas of Community Knowledge: A Workshop for using Internet GIS as a Tool for Decision Support." Workshop: Third International Community Indicators Conference, Burlington, Vermont, December 1-3, 2005.

### **SELECTED PROCEEDINGS, REPORTS AND TRADE JOURNALS**

Fulcher, Christopher and Jocelyn Richgels. "New Technology Give Communities New Level of Support." Policy and Practice Magazine, American Public Human Services Assoc., March 2007.

Fulcher, Christopher. "Mapping the Losses: The Early Childhood Atlas." Proceedings of the Rural Early Childhood Forum on Hurricane Recovery and Emergency Preparedness, Mobile, AL, December 5, 2005.

Fulcher, Christopher and Catherine Kaukinen. "Visualizing the Infrastructure of US Healthcare Using Internet GIS: A Community Health Informatics Approach for Reducing Health Disparities". MedInfo 2004 – International Medical Informatics Association (IMIA): 11<sup>th</sup> World Congress on Medical Informatics, September 7-11, 2004.

Mosley, Jane, Catherine Kaukinen, and Christopher Fulcher. "A Spatial Analysis of the Food Safety Net: An Examination of Kansas City Food Pantry Use and Food Stamp Receipt." Proceedings: American Sociological Association 98<sup>th</sup> Annual Meeting, Atlanta, GA, August 16-19, 2003.

Fulcher, Christopher (*Invited Speaker*). "Visualizing Rural Diversity: An Overview of the RUPRI Community Informatics Resource Center." Proceedings: Economic Research Service Conference on Measuring Rural Diversity, Washington D.C., November 21-22, 2002.

Fulcher, Christopher (*Invited Speaker*). "Community Informatics and E-Democracy: The Role of Place in Facilitating Public Participation." Proceedings: Korean Association of Public Administration – "Knowledge-based Society and Policy Challenges Facing the Next Government of Korea", Seoul, Korea, October 18-19, 2002.

Fulcher, Christopher (*Presenter*), Christopher Barnett and Yan Barnett. "Spatial Analysis Software Tools for Community Decision Support." Proceedings: The Center for Spatially Integrated Social Science (CSISS) Specialist Meeting on Spatial Data Analysis Software Tools, Santa Barbara, CA, May 10, 2002.

Fulcher, Christopher (*Invited Speaker*). "Internet-based Tools for Local Governance – A U.S. Perspective on the Impact of Citizen Participation in the Decision Making Process." Proceedings: Korean Association of Public Admin. - "Emerging Issues in 21st Century Local Government: American Perspectives", Korea University, Seoul, Korea, December 14-15, 2001.

Fulcher, Christopher (*Presenter*) and Yan Barnett. "The Role of GIS in Participatory Action Research: Using Internet Applications for Community-based Decision Support." Proceedings: 2000 PNC Annual Conference and Joint Meetings, University of California, Berkeley and Stanford University, USA, January 11-17, 2000.

### **SCIENTIFIC REVIEW PANELS**

- Centers for Disease Control and Prevention Public Health Research: Health Protection Research Initiative Investigator Initiated Research Panel. Atlanta, GA. 2004.
- Environmental Protection Agency: Environmental Monitoring for Public Access and Community Tracking (EMPACT) 1999 Metro Area Grants Peer Review Panel. Washington, D.C. 1999.

### **SELECTED HONORS, AWARDS, FELLOWSHIPS, PERSONAL HISTORY**

- U.S. News & World Report and the Aetna Foundation Community Health Leadership Awards Recognition Dinner, Washington, DC, November 15, 2018.
- White House invitation to present “Location Opportunity Footprint Tool” application; one of 12 organizations from around the country in the inaugural running of “The Opportunity Project” by the White House Innovation Fellows Program (March 2016).
- Project Advisor on University of Western Cape (UWC), South Africa project funded by the European Union: “Food Choices and Body Mass Index (BMI) in adults and children: Evidence from the National Income Dynamics Study (NIDS) and empirical research from Khayelitsha and Mitchell’s Plain in South Africa” (2014-2016).
- National Committee on Vital and Health Statistics Work Group on HHS Data Access and Use, 06.2013-12.2016.
- ESRI’s “Special Achievement in GIS 2013 – CARES Missouri” presented at 2013 international conference, San Diego CA (July 2013).
- TEDx Talk on "Visualizing People, Place and Possibility" at the Missouri Theater in Columbia, MO, April 6th, 2013 (<http://www.youtube.com/watch?v=Q37I8ss-Xh4>).
- Accepted the Weight of the Nation 2012 Pioneering Innovation Award by the Centers for Disease Control and Prevention for Community Commons (May 8, 2012) [http://www.cdc.gov/media/releases/2012/p0509\\_obesity\\_prevention.html](http://www.cdc.gov/media/releases/2012/p0509_obesity_prevention.html) and acceptance video <http://www.youtube.com/watch?v=KH33FmaPYCw&feature=youtu.be>.
- Navy tour of the USS George H. W. Bush Aircraft Carrier - Educators to Sea embark aboard ship. STEM (Science, Technology, Engineering and Math) Initiative. Norfolk, VA and aboard aircraft carrier in Atlantic Ocean, April 21-23, 2012.
- Accepted First Place Award (\$10,000): Healthy People 2020 Leading Health Indicators App Challenge for Community Commons. At the National Health Promotion Summit (April 10, 2012).
- Best Poster Award, 2004 Population Association of America Annual Meeting, Boston, Massachusetts, April 1-3, 2004. Kaukinen, Catherine and Christopher Fulcher. “Visualizing the Accessibility and Spatial Equity of HIV-Related Services: A Geographic Analysis of Chicago Neighborhoods.”
- Invited participant, Institute on the Economics of the Climate Resource, National Center for Atmospheric Research, Boulder, CO, June 5-7, 1995.
- Texas A&M Corps of Cadets, Class of 1983.
- International experience: Traveled extensively both domestically and internationally as a “third culture kid” (military dependent). Experiences include living in Germany, England, El Salvador, and Nevis, several states in the U.S. including Arizona, California, Colorado, Louisiana, Kansas, Maryland, Missouri, Nebraska, and Texas; instilled a global world view and skills required to readily adapt to new surroundings and social situations.

### **PROFESSIONAL DEVELOPMENT**

- North Central National Extension Leadership Development (NELD) program – 2020 cohort. (Program cancelled due to COVID-19 pandemic).
- Higher Education Leadership Session with Stephen M. R. Covey, Columbia, MO, October 23, 2019.

- Compass Science Communications Workshop: Laying the Foundation for Effective Science Communication. Washington, DC, June 5-7, 2019.
- Community Health Transformation Institute – full day workshop, National Health Outreach Conference, Bloomington, Minnesota, May 3, 2018.
- The Community of the Future and the United Way (Douglas K. Smith). Small group convening. The United Way of America, Alexandria, Virginia, March 16-17, 2006.
- Health Informatics Applications of Geographic Information Systems (GIS): From Data Visualization to Spatial Analysis (Catherine Schenck-Yglesias, C. Virginia Lee, Carol Hanchette, Janet Heitgerd, and Vicki Hertzberg). MedInfo 2004 – International Medical Informatics Association (IMIA): 11<sup>th</sup> World Congress on Medical Informatics, San Francisco, CA, September 7-11, 2004.
- Writing for the Informatics Literature (N. K. Roderer and D. McClellan). American Medical Informatics Association 2003 Symposium, Washington D.C., November 8, 2003.
- Ethical and Social Challenges for Health Computing: Return to Fundamentals (K. W. Goodman). American Medical Informatics Association 2003 Symposium, Washington D.C., November 9, 2003.
- Does Space Matter? Analyzing and Visualizing Spatial Effects in Sociology (Richard P. Appelbaum, Luc Anselin, Geoffrey Jacquez, Donald G. Janelle, John R. Logan, Deirdre Oakley). American Sociological Association 98<sup>th</sup> Annual Meeting, Atlanta, Georgia, August 16-19, 2003.
- Spatial Regression Analysis (Luc Anselin). The Inter-University Consortium for Political and Social Research, the Center for Spatially Integrated Social Science and the National Science Foundation, Ann Arbor, Michigan, August 5-9, 2002.
- Accessibility in Space and Time: A GIS Approach (Mei-Po Kwan, Alan Murray, Morton O'Kelly, Michael Tiefelsdorf). Center for Spatially Integrated Social Science and The Ohio State University (Geography), Columbus, Ohio, July 22-26, 2002.
- Spatial Data Analysis (Luc Anselin). The Inter-University Consortium for Political and Social Research, the Center for Spatially Integrated Social Science and the National Science Foundation, Santa Barbara, California, July 16-20, 2001.
- Building Community Through Public Deliberation. University of Missouri Public Policy Institutes in Cooperation with the Kettering Foundation, Columbia, MO, September 8-10, 1999.
- Empowering Communities for the Future. Community Development Academy – Course 2, Mercy Center, St. Louis, MO, Fall, 1999.
- Building Communities from the Grassroots. Community Development Academy – Course 1, Mercy Center, St. Louis, MO, March 21-26, 1999.
- Implementing Issue Forums in Missouri Communities. PIE #145, UMStL, St. Louis, MO, July 27-29, 1998.

#### **ACADEMIC SERVICE**

- Task Force on Disabilities, Committee Service, 2005 - 2006.
- Geospatial Working Group, Committee Service, 2005 - 2006.
- NLM Site Visit Planning Group; served as NLM Fellows' representative (April 14, 2004).
- MU Persons with Disabilities Standing Committee (2003, 2004).
- Undergraduate Policy Committee, Department of Agricultural Economics, MU (2000-2001).
- Social Committee - Chair, Social Science Unit, MU (2000-2001).
- Courses and Curricula Committee, College of Agricultural, Food and Natural Resources, MU (1999 – 2000).
- College Information and Teaching Technology Committee, College of Agricultural, Food and Natural Resources, MU (1999 – 2000).

- On-line learning collaboration with MU School of Veterinary Medicine for developing web-based course content, quizzes and class management tools (Software used: Asymetrix Toolbook II Instructor and Librarian). Collaboration initiated in fall semester, 1998; on-line software used in winter semester, 1999 for Agricultural Economics 70; used WebCT for winter semesters 2000, 2001.
- Natural Resource and Environment Committee member for the MU Social Science Unit Research and Outreach component of the CSREES Review, March 24-28, 1997.
- Master's thesis review committee for AAEA competition, member (Agric. Economics), 1997.

### **NATIONAL COMMUNITY ISSUES MANAGEMENT (CIM) CONVENINGS**

Served as CARES host for 10 National CIM Convenings: Tucson, Arizona, August 2007; Charleston SC, February 20-22, 2008; Columbia, Missouri, August 6-8, 2008; Tucson Arizona, January 14-16, 2009; Washington DC, August 26-28, 2009; Charleston SC, February 3-5, 2010; Detroit MI, October 13-15, 2010; Boston, MA, September 20-23, 2011; Memphis, TN, October 17-19, 2012; Baltimore, MD, November 4-6, 2013 (unable to attend).

### **DOCTORAL AND MASTERS COMMITTEES AND GRADUATE STUDENTS SUPERVISED**

<b>Student's Name</b>	<b>Department/School</b>	<b>Degree</b>	<b>Role</b>	<b>Status</b>
Awatef Ben Ramadan	Health Informatics	PhD	Committee Member	Graduated (2017)
Faustine Williams	Rural Sociology	PhD	Committee Member	Graduated (2012)
Akbaba, Yasemin	Political Science	PhD	Committee Member	Graduated (2006)
Carani, David	Public Affairs	MS	Advisor/Supervisor	Graduated (2005)
Clark, Anthony	Agricultural Economics	PhD	Committee Member	Graduated (2007)
Crank, Laura	Rural Sociology	PhD	Committee Member	Graduated (2007)
Dolle, Kristopher	Public Affairs	MS	Advisor/Supervisor	Graduated (2005)
Franken, Jason	Agricultural Economics	MS	Committee Member	Graduated (2003)
Jang, Yunjeong	Public Affairs	MS	Advisor/Supervisor	Graduated (2004)
Li, Yitan	Political Science	PhD	Committee Member	Transferred to USC
Namulanda, Gonza	Health Management and Informatics	MS	Committee Member	Graduated (2005)
Parsons, Tye	Public Affairs	MS	Advisor/Supervisor	Graduated (2004)
Treece, Paul	Geography	MS	Committee Member	Graduated (2009)
Woo, Byung-Joon	Agricultural Economics	PhD	Committee Member	Graduated (2005)