



The Polis Center

We brings things into perspective.™

2016

Annual Report



IUPUI SCHOOL OF LIBERAL ARTS

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Part I. Mission and Activities

MISSION STATEMENT

We use collaboration, interdisciplinary methods, civic engagement, and our knowledge of advanced spatial technologies to provide reliable information, thoughtful analysis, and creative solutions for the improvement of communities and organizations in Indiana and beyond through work in four areas of emphasis: geoinformatics, community informatics, health geoinformatics, and spatial humanities. We also offer professional education, mostly related to our work in geoinformatics.

ACTIVITIES

We managed more than 60 projects in FY2016 within our areas of emphasis; 50 percent of these projects were new grants or contracts. The following description highlights our major accomplishments in each area of emphasis and in the major civic enterprise, the Spirit & Place Festival, which we direct on behalf of IUPUI and the IU School of Liberal Arts.

GEOINFORMATICS

In this area, we combine geospatial analysis and modeling and outreach activities to address problems commonly faced by private companies and government officials. The majority of our FY2016 grants and contracts supported activities to prevent or reduce significant losses from natural disasters. In Indiana, we supported the Indiana Department of Natural Resources (IDNR) with multiple Federal Emergency Management Agency (FEMA) Risk Mapping, Assessment, and Planning (RiskMAP) initiatives in more than 40 Indiana counties. We also partnered with the Indiana Department of Homeland Security (IDHS) to complete multi-hazard mitigation plans for more than 75 counties. Other states in the Midwest and South have adopted our model, and as a result, we have ongoing partnerships with state and local agencies and universities in Georgia, Illinois, Minnesota, Ohio, Puerto Rico, Texas, and Wisconsin.

Key Accomplishments in FY2016:

US Geological Survey, US Army Corps of Engineers, and Indiana Silver Jackets

We continue our collaboration with the US Geological Survey (USGS) and US Army Corps of Engineers (USACE), in partnership with Indiana Silver Jackets (ISJ). This collaboration has resulted in grants to compile a statewide Fluvial Erosion Hazard dataset. A very large percentage of the damage caused by flooding can be directly related to erosion. This data layer is intended to be used by communities to better plan development and expansion by avoiding areas susceptible to erosion. We also completed our efforts on an existing grant to evaluate Light Detection and Ranging (LIDAR) data to automatically improve the detection of non-governmental approved levees. As a result of the geoinformatics work on the levee identification project, noted in a previous report, the US Army Corps of Engineers has asked us to develop a training workshop for members of its staff.

Indiana Department of Homeland Security and the Federal Emergency Management Agency

Our continued partnership with IDHS and FEMA Region 5 resulted in the completion of multiple Multi-Hazard Mitigation Plan updates. These plans are required for communities to receive mitigation funding from FEMA. We continue to engage with local jurisdictions and complete a wide arrange of hazard analyses as required for these grants.

Indiana Department of Natural Resources

We are starting the seventh year of our partnership with IDNR. We continue our efforts on the FEMA Risk MAP program and on IDNR sponsored projects. One of the most important projects is our task to update and maintain the IDNR statewide flood information GIS database for the IDNR Indiana Floodplain Information Web Portal (INFIP). INFIP is a mapping application that provides floodplain information for waterways to help citizens determine flood risk in an effort to minimize flood damage. This website contains both FEMA regulatory flood information and a best available flood layer composed of new and updated flood modeling that has yet to be added to the FEMA regulatory maps.

Rainforest Alliance

We partnered with Esri, Microsoft, and Softec International in a pilot project to develop a vision for a complete supply chain solution for Rainforest Alliance, one of the world's major efforts to create and certify sustainable green commodity production. The pilot is likely to lead to a two-year project to implement the solution in FY2017 and FY2018.

SmartEdge: Smart Government, Smart Environment, Smart Communities

We developed the *SmartEdge: Smart Government, Smart Environment, Smart Communities* series of presentations to share and discuss ideas and issues and/or expose the audience to solution and technologies pertaining to smart cities and their linkage to sustainability and resilience, policy and governance, and the overall well-being of communities. The first program, "The Evolution of Open Source GIS and Its Applications for Big Data Analysis and Smart City," was held May 6 and featured Anthony Calamito, Federal Chief Technology Officer, Boundless, which is based in Canada, and Ahmed Osman, Founder and Chief Technology Officer, Cartologic, which is based in Giza, Egypt. Additional presentations are scheduled for FY2017.

COMMUNITY INFORMATICS

This area focuses on helping nonprofit and community-based organizations make data-informed decisions in order to be more strategic and effective. We do this by integrating administrative data from multiple sources, developing community-level indicators, creating and using information technology to build capacity to analyze and visualize the data, and provide consulting on the interpretation and use of the data. The SAVI Community Information System, our cornerstone project, has more than 10,000 indicators of social and economic conditions and more than 20,000 community asset locations for Central Indiana.

Key Accomplishments in FY2016:

SAVI Community Information System

We received \$2,705,000 in grants to support the maintenance and expansion of SAVI, including grants from the United Way of Central Indiana (UWCI), the Marion County Public Health Department, and IUPUI. This also includes a three-year \$2,580,500 grant from Lilly

Endowment (through UWCI) to expand SAVI into a community intelligence system that will facilitate better informed decision-making for United Way, its agencies, and the nonprofit community.

We developed new dashboard and reporting capabilities on <http://savi.org> as part of the Community Reporter for SAVI. These tools allow us to create report templates that can be repurposed for multiple organizations. The first template, Indiana Impact, developed for the Indiana Association of United Ways, received an Excellence in GIS Award from the Indiana Geographic Information Council in 2015. The website (accessible at www.indianaimpact.org) allows nonprofits from around the state to access 35 indicators in health, income, and education, and to view them at county and sub-county levels. Another template (released in FY2016 in beta) is an online community assessment tool that allows nonprofits to define a custom geographic boundary and access a wealth of data describing the health, basic needs, income, and education needs of its residents and the existing resources to support those needs.

Through our public relations partner, Bohlsen Group, we have garnered several media mentions this year for Polis and IUPUI Liberal Arts via WFYI, IndyStar, Fox59, WRTV6, WTHR13, Indianapolis Recorder, and several national online outlets including: Data Informed, Health Data Management, HealthComU Blog, and Government Technology.

Supporting Nonprofits and United Way of Central Indiana

Beginning in 2016, we partnered with United Way of Central Indiana (UWCI) to expand SAVI into a community intelligence system that supports UWCI's "Data Integration Plan" and nonprofit decision making. The goal is to further support community assessments, evaluation of programs and services, and United Way funding allocations by integrating data about community needs, the services and programs available to help individuals in need, the families and individuals served by those agencies, and the outcomes of those individuals. We enlisted the support of university resources to advise us on the data security and privacy issues related to this massive three-year effort.

We continue to train nonprofits in the use of data for informed decision-making. This past year as part of the SAVI education program, we trained representatives from 102 nonprofit organizations and supported 100 individuals in their use of community data. We began a new series, SAVI Talks!, to bring together multiple sectors to discuss important community issues using data as the starting point for conversation. Each of the events drew 60-80 people; topics included Worlds Apart: Gaps in Life Expectancy in the Indianapolis Metro Area, Trends in Crime: Does Perception Match Reality?, and IndyVitals. We enlist IUPUI researchers to develop analysis reports on the topic and engage community partners, including WFYI, the Greater Indianapolis Progress Committee, and the City of Indianapolis.

Finally, Sharon Kandris, director of community informatics, is a member of the United Way of Central Indiana Community Impact Committee.

Supporting Neighborhoods and Community Development.

We developed and launched the newest dashboard powered by SAVI called IndyVitals (accessible at <http://indyvitals.org>) to support Plan 2020 as part of the City's bicentennial efforts. IndyVitals measures the health and stability of neighborhood areas in Marion County in the categories of Built Environment, Education, Economy & Jobs, and Health & Safety. Its primary purpose is to measure the overall impact of a wide array of Plan 2020 initiatives on neighborhoods in Marion County but also will be useful to community-based organizations, nonprofits, planners, and neighborhood representatives working on community improvement initiatives. This effort was funded through a \$100,000 grant from the US Department of Housing and Urban Development via the City of Indianapolis and the Greater Indianapolis Progress Committee.

We also updated SAVI's community profiles describing the demographics and socio-economic conditions of each of the 275 Indianapolis neighborhoods along with profiles for 1,700 other communities such as townships and school corporations.

Supporting IUPUI Initiatives

We continued to support students, faculty, staff, and administrators in their use of community-level data. Last year, we trained more than 250 graduate and undergraduate students in the following schools: Social Work, Nursing, and Public and Environmental Affairs.

We continued to engage researchers to extend SAVI's capacity to analyze and report on key social issues impacting Central Indiana. We also responded to requests from professors and administrators to generate data and maps to support their initiatives. For example, we developed community indicators to support the Great Places 2020 initiative and provided community asset mapping for a community-based research project.

In the fall of 2015, we launched a new online education report card for Marion County to support the Education Alliance (a former IUPUI-led Marion County initiative to improve educational outcomes from cradle to career). This was developed as part of the Community Reporter for SAVI and is a resource that allows non-profits to access data about education readiness, achievement, access, gaps, and disparities.

Kandris was granted two service learning scholarship awards totaling \$25,200 for 2015-2016 and summer 2016. The scholarships provide funding for IUPUI students to extend our capacity in serving local nonprofits, the City of Indianapolis, and community-based organizations through a service learning model.

HEALTH GEOINFORMATICS

This area focuses on advancing the application of spatial information and methods for translational health research toward improved community health planning and intervention, public health decision support, and patient-centered decision support. It supports the growing disciplines of public health and population health informatics. Our associated research goals are to facilitate spatial data mining of synthesized clinical and community data, develop spatial analytics, create tools for assessment and decision-making, and build community engagement platforms.

Key Accomplishments in FY2016:

Indiana Partnership for Healthy Communities

The Indiana Partnership for Healthy Communities (IN-PHC) secured its largest contract to date (\$106,000) to conduct a community health needs assessment (CHNA) for the Parkview Health System and its seven hospitals in northeast Indiana. This CHNA will serve as the basis for Parkview's IRS- required 2017-2019 Community Health Implementation Plan. Established by Polis in 2012 in partnership with the Richard M. Fairbanks School of Public Health and the Indiana CTSI, IN-PHC is a community health planning consulting service for hospitals, local health departments and community- based organizations. Through integration of spatial data into the community health improvement process, we are enhancing the knowledge base about Indiana communities related to individual and population health, including the associated social and environmental determinants that impact health risk, health behaviors, and health outcomes. In addition, IN-PHC developed a model for the integration of evidence-based prioritization methods into the CHNA process, and is in discussions with the Indiana State Department of Health and the Indiana Hospital Association (IHA) on potential integration with their Indiana Indicators online tool.

Indiana Center of Excellence in Public Health Informatics

In 2016, we received our second Robert Wood Johnson Foundation (RWJF) grant award, this time in partnership with the Richard M. Fairbanks School of Public Health, Eskenazi Hospital, Regenstrief Institute, and the Marion County Public Health Department. The purpose is to study how to improve population and clinical health with integrated services and advanced analytics. Our RWJF-funded work builds upon the spatial information infrastructure that we developed as part of the Centers for Disease Control and Prevention (CDC)-funded Indiana Center of Excellence in Public Health Informatics (icePHi). Since 2010, this infrastructure has allowed nearly 110 million records from the Indiana Network for Patient Care (INPC) to be geocoded. New clinical records continue to be processed in near-real time. This permits clinical data to be mapped and spatially analyzed in support of public health informatics and medical informatics research and practice.

Health Intervention Research & Development

We also continued to advance the application of geospatial information for health intervention research and development. In 2016, in partnership with the IU Department of Sociology and the Nurse-Family Partnership (CI), we secured seed funding from the Community Health Engagement Program (CHEP) of the Indiana Clinical and Translational Sciences Institute to study the potential to foster Maternal-Child Health advocates via the NFP program. Pilot data generated from this project will be used as the basis for a 2016-17 NIH R01 grant application.

Other Notable Achievements

Karen Comer, director of health geoinformatics, was invited to sit on the Indiana Public Health Practice Council and subsequently to serve as the co-chair of the council's Infrastructure Taskforce. She continued to serve on the Community Coordinating Committee of the Indiana Clinical and Translational Sciences Institute (CTSI) Community Health Engagement Program (CHEP) through 2016. Comer also is a founding member of the Indiana Accreditation Partnership, formed in 2014 to develop and implement a multi-agency, collaborative plan to help advance the readiness of local health departments (LHDs) preparing for national accreditation. In addition, she co-authored multiple, successful papers and conference abstract submissions this year, including to national conferences on public health, including to the American Public Health Association and the American Medical Informatics Association.

SPATIAL HUMANITIES

This area serves an international community of humanities scholars who are interested in applying geospatial technologies to the disciplines within the humanities.

Key Accomplishments in FY2016:

Deep Mapping Workshop

In its partnership with the Virtual Center for Spatial Humanities, a collaboration among IUPUI, Florida State University, and West Virginia University, Polis co-hosted an expert workshop in Morgantown, West Virginia, in May 2016 to develop a major project on deep mapping.

David Bodenhamer, Polis executive director, also worked with colleagues at the Center for Data Digitisation and Analysis and the Institute of Contemporary History at FCSH, New University of Lisbon, on planning for a project, Geographies of Death, Geographies of Memory, which will be submitted for funding in FY2017.

IU Press Series on Spatial Humanities

The Indiana University Press Series on the Spatial Humanities, which Polis established and for which Bodenhamer serves as general editor, released three titles this year and issued contracts for two additional titles. Internal funding allowed Bodenhamer to work with partners in the Netherlands, United Kingdom, and Australia on deep mapping proposals; a \$350,000 proposal to the Australian Research Council (with the University of Queensland and University of Western Sydney) received positive reviews in the first round, with a decision on funding expected during the first quarter of FY2017.

International Journal of Humanities and Arts Computing

Bodenhamer continues to serve as co-editor of the *IJHAC: A Journal of the Digital Humanities* (formerly *International Journal of Humanities and Arts Computing*) (Edinburgh University Press), which had a special theme issue on spatial humanities. He also served on the international advisory committee for Academia Sinica (Taiwan), which advises this major research institute on an agenda for future work to be funded by the Taiwanese government. Bodenhamer also gave two keynote speeches on spatial humanities to digital humanities conferences in North Carolina and Dublin, Ireland (Trinity College), made presentations at three other conferences, and published chapters in two books on the spatial humanities.

PROFESSIONAL EDUCATION

The Polis Education program has delivered workshops, presentations and related services in more than 100 cities in 40 states and multiple countries since its inception. While this program services a wide range of audiences, one of the key focuses of program activities during the period covered by this report has been the application of geospatial technologies for reducing social and economic impacts from natural hazards.

Key Accomplishments in FY2016:

Hazus-MH & FEMA Courses/Workshops

Polis continues to be recognized as an acknowledged leader in the development of Hazus-MH curriculum as well as the instruction of Hazus and other FEMA courses. During this time, we updated multiple classroom courses as well as 15 virtual courses. We are also currently working with FEMA to facilitate a project in the coming months for additional curriculum development support. In 2015 and early 2016, we collaborated with multiple FEMA regions and states to offer workshops in Delaware, Georgia, Maryland, Oregon, Pennsylvania, Texas, and West Virginia. In addition to the educational value of these courses, such offerings often lead to the development of other project opportunities for Polis.

We also continued to support FEMA's Emergency Management Higher Education Program. Activities include conducting workshops at the annual Higher Education Conference on the use of GIS within academia to support service, research and teaching. This conference brings together hundreds of faculty and researchers from higher education institutions across the nation.

Other Notable Achievements

Kevin Mickey, director of professional development and geospatial technologies education, chairs the Indiana Geographic Information Council (IGIC) Education Committee. He delivered the keynote address at the State GIS Conference in 2015, speaking on Indiana's Role in the National Geospatial Strategy, and he delivered the opening plenary for the 2016 conference where he spoke on Disaster Resilience and the Role of the Geospatial Community.

Following a four-year term as the Secretary of the National Institute of Building Sciences (NIBS) Multihazard Mitigation Council (MMC), Mickey was elected as the 2016 Chair of the Council. The MMC focuses on reducing the total consequences and costs associated with natural and man-made hazards to buildings and infrastructure. In late 2015, the MMC and the NIBS Council on Finance, Insurance and Real Estate jointly published a paper titled "Developing Pre-Disaster Resilience Based on Public and Private Incentivization," which garnered interest from the federal legislative and executive branches. In May 2016, Mickey testified before the US House of Representatives Subcommittee on Economic Development,

Public Buildings, and Emergency Management in a hearing convened to explore options for reducing the rising federal cost of disaster response. Mickey will also be participating in the White House Forum on Smart Finance for Disaster Resilience on August 3, 2016.

Mickey was elected to a three-year term on the Board of Directors of the Urban and Regional Information Systems Association (URISA). URISA, one of the largest multi-disciplinary geospatial organizations with chapters through the United States, Canada, and elsewhere, provides professional education and training, a vibrant and connected community, advocacy for geospatial challenges and issues, and essential resources for that work in and benefit from geospatial tools and products.

SPIRIT & PLACE

Spirit & Place is a community initiative managed by the Polis Center at IUPUI with a mission is to be a catalyst for civic engagement and enduring change through creative collaborations among the arts, humanities, and religion.

Through its annual November festival, people-centered community engagement, and year-round activities, Spirit & Place facilitates cross-sector collaborations, training sessions, and public events that spark connections and build bridges between people, ideas, organizations, and places.

Key Accomplishments in FY2016:

Drawing upon the creative capacities of individuals and organizations in our community, Spirit and Place illuminated the theme of DREAM in 2015 during its 20th anniversary year by bringing together 89 arts, humanities, and faith-based organizations in an array of events and initiatives that reached 19,833 people (5.3 percent increase over 2014).

The 2015 November festival featured 190 artists, scholars, and presenters in 30 programs of which 73.3 percent were interdisciplinary and 83.3 percent were free. Festival attendance was 5,883, 43.2 percent of which were new festival attendees. A public survey revealed that 97 percent of polled attendees were likely, or very likely, to recommend Spirit & Place to friends and family, and 83.1 percent found programs to be thought-provoking and/or motivating.

Eighty-nine organizations participated in the festival as partners. Investment in festival programs by partners totaled \$182,920. A partner survey revealed that 70.8 percent of participating organizations developed new or expanded audiences, 87.5 percent developed new or expanded partnerships, and all agreed or strongly agreed that festival participation was good for their organization.

Spirit & Place also:

- Developed a “powered by Spirit & Place” model that provides program design expertise and support to other community organizations, such as the IU School of Nursing’s Before I Die Festival, which occurred in April 2016.
- Partnered with campus units and community groups to address contemporary issues. The summer program series on First Amendment tensions received front page coverage in the Indianapolis Star.
- Launched a new community engagement initiative to better represent underserved communities.

The operating budget for the festival was \$446,692, including in-kind services valued at \$55,386. Major funders included Lilly Endowment, Allen Whitehill Clowes Charitable Foundation, Inc., Bohlsen Group, Central Indiana Senior Fund, an affiliate of the Central Indiana Community Foundation (CICF), Christel DeHaan Family Foundation, Christian Theological Seminary, and IUPUI/IU School of Liberal Arts, among others.

OTHER CENTER ACTIVITIES

IU Grand Challenge Proposals:

Polis was part of two of the five final Grand Challenge proposals. The IU Grand challenge proposal, “Preparing for Change: Sustaining Nature’s Assets, Public Health and Human Well-Being,” received a strong, positive review, with the team invited to resubmit for the Round Two. The aim is how to prepare for ongoing environmental and demographic changes in order to sustain economic opportunities, protect public health, strengthen Hoosier communities, and maintain valuable ecological services. If awarded, Polis will develop the data and analysis infrastructure, including deep mapping.

We also are part of “Shaping our Future: Knowledge, Science and Governance for Sustainable Water Resources,” which was invited to resubmit as well. Using Indiana as a model for regional and global solutions, this project will develop and demonstrate new technologies, data systems, and policy arrangements for sustainable management of water resources in support of human welfare and environmental quality. Polis’ role will be to employ geospatial technologies in support of the effort.

PLANNED ACTIVITIES

We will continue the program of work outlined in each of the areas above and respond to new opportunities appropriate to our mission.

Part II: Organizational Structure

ORGANIZATIONAL STRUCTURE

The Polis Center at IUPUI operates as a matrix organization, with directors for each area of emphasis who draw from a common pool of technical support staff for specific project needs. We also staff a communications function that supports our major areas of work.

Administration

David Bodenhamer, Executive Director (also directs the Spatial Humanities area)

Melissa Gona, Business Manager

Gloria Harmsen-Hastings, Financial Assistant

Lou Ann Glidden, Administrative Assistant

Geoinformatics

Tarek Rashed, Director

Matthew Riggs, GIS Analyst

Lacey Duncan (soon to be Bannon), GIS Project

Coordinator Richard (Ryan) Stevens, GIS Analyst

Kavya Urs Beerval Ravichandra, GIS Analyst

Karl Selm, GIS Analyst

Health Geoinformatics

Karen Comer, Director

Amnah Anwar, MPH Graduate Student Intern (course credit)

Ashley Stichter, Health Informatics Student Intern

Kirstin Oaldon, GIS Intern (course credit)

Janet Hock, Senior Scholar (Academic Volunteer Appointment)

Community Informatics

Sharon Kandris, Director

James Colbert, Consultant

Kelly Davila, Sr. Research Analyst

Timothy Gondola, Intern

Debra Hollon, GIS Analyst

Brittany Manora, Intern

Tim Bailey, Data Analytics Intern

Nimray Nayyar, Graduate Research Assistant

Ashley Stichter, Data Analytics Intern

Systems Development

Neil Devadasan, Lead Systems Engineer/Systems Engineering Manager

James Dowling, Database Administrator

Robert Ferrell, Programmer

John Gona, LAN Technician

Gautham Bavandla, Research Programmer

Professional Education

Kevin Mickey, Director

Spirit and Place

Pam Blevins Hinkle, Festival Director

LaShawnda Crowe Storm, Community Engagement Director

Erin Kelley, Program Director

Deeksha Kapoor, PR & Social Media Coordinator

Kathryn Reitman, Volunteer Coordinator

Mercedez Bray (Communications Intern)

Brooklynn Bryan, Intern (Event Logistics)

Vannary Kong, Intern (Community Engagement)

Brittany Manora, Intern (Event Logistics)

Communications

Allegra East, Manager (from February 2016)

Laura Danielson, Manager (until late April 2016)

ADVISORY BOARD/COMMITTEE MEMBERS

Our project diversity requires that we operate several advisory boards in order to achieve the best and most relevant advice for work. These boards are all advisory and meet regularly, as indicated.

Geoinformatics

We use the Indiana Silver Jackets, a federal-state coordinating body, as a de facto advisory group for our work in geoinformatics. It meets monthly.

Indiana Silver Jackets:

Siavash Beik, Vice President, Principal Engineer, Christopher B. Burke Engineering, Ltd.
and ASFPM Representative

Steven Greene, Hazard Mitigation Community Planner, Federal Emergency
Management Agency

Bob Barr, Staff Scientist and Fundamentals of Engineering (FEH) Community Liaison,
Center for Earth and Environmental Science

Marylou Renshaw, Chief, Watershed Assessment and Planning Branch, Indiana Department
of Environmental Management

Mary Moran, Mitigation Program Director, Indiana Department of Homeland Security

Manuela Johnson, State Disaster Recovery Program Administrator, Indiana Department
of Homeland Security

David Knipe, Engineering Section Manager, Indiana Department of Natural Resources

Phil Worrall, Executive Director, Indiana Geographic Information Council

Ben Knowles, U.S. Air Force Master Sgt., 181st Intelligence Wing, Indiana Air National Guard

David Bausman, Director of Policy and Regulatory Affairs, Indiana State Department
of Agriculture

Chris Ritz, Civil Engineer, Natural Resource Conservation Service

Al Shipe, Service Hydrologist, National Weather Service

Jane Frankenberger, Professor, Agricultural and Biological Engineering, Purdue University

Kent Wamsley, Upper Wabash Project Director, The Nature Center

Brandon Brummett, Outreach Coordinator, US Army Corps of Engineers

Jeff Frey, Deputy Director, US Geological Survey

Rodney Renkenberger, Executive Director, Maumee River Basin Commission

Jim Sparks, Geographic Information Officer, Indiana Office of Technology

Kathleen Weissenberger, Founding Member of KW Consultants, LLC and Former Director
of Grant Services and State Community Development Block Grants (CDBG), Office of
Community and Rural Affairs

Community Informatics

SAVI Advisory Board:

Lee Lewellen, CEO, Indiana Economic Development Association (Board Chair)

Jim Sparks, Geographic Information Officer, Indiana Office of Technology (Board Vice Chair)

Frank Alexander, Pastor, Oasis of Hope Church

David Bethuram, President, Catholic Charities Indianapolis

Dr. Virginia Caine, Director, Marion County Health Department

Alan Cloe, Executive Vice President of Content Services, WFYI

Demetrius Glover, Vice President of Strategic Information, United Way of Central Indiana

Marya Jones, Attorney at Law, Jones & Kennedy, LLC

Sara Laycock, Economic and Community Development Liaison, Metropolitan Indianapolis
Board of Realtors

Paula Parker-Sawyers, Program Manager, Indiana CTSI, Community Health
Engagement Program

Todd Sears, Executive Vice President, Portfolio and Corporate Finance, Herman & Kittle
Properties, Inc.

Andrew Swenson, Principal Planner, Indianapolis Metropolitan Planning Organization

Sara VanSlambrook, Program Officer, Local Initiatives Support Corporation

Kevin Whiteacre, Director, Community Research Center, University of Indianapolis

David Bodenhamer, Polis Center at IUPUI, ex officio

Sharon Kandris, Polis Center at IUPUI, ex officio

SAVI Technology Advisory Committee

Gail Farnsley, Executive Partner, Gartner Executive Programs (Committee Chair)

Bob Baird, President, Inverse-square

Andrew Bittermann, Business Intelligence and Data Strategy Solution Manager,
Fusion Alliance

David Orit, BI Solution Manager, Allegient

Jeffrey S. Ton, Exec Vice President of Product and Service Development, Bluelock

IndyVitals Advisory Committee

Brad Beaubien, Long Range Planning Administrator and Plan 2020 Co-Manager,
Department of Metropolitan Development, City of Indianapolis

Leigh Evans, Chief Executive Officer, Mapleton-Fall Creek Development Corporation

Demetrius Glover, Vice President of Strategic Information, United Way of Central Indiana

Tedd Grain, Deputy Director, Local Initiatives Support Corporation

David Hirschle, Project Manager, Office of Sustainability, City of Indianapolis

Sharon Kandris, SAVI Director, Polis Center at IUPUI

Steven Meyer, Executive Director, King Park Development Corporation

Brooke Thomas, Deputy Director and Plan 2020 Co-Manager, Greater Indianapolis
Progress Committee

SAVI Community Assessment and Planning Advisory Committee

Bob Cross, Consultant (Retired, Former Director Research, United Way of Central Indiana)

Demetrius Glover, Vice President of Strategic Information, United Way of Central Indiana

Karen Gentleman, Owner and Consultant, Gentleman McCarty

Carmen Luca, Sugawara Associate Professor, IU School of Social Work at IUPUI

Denise Luster, Director of Research and Evaluation, United Way of Central Indiana

Lexie McGillis, Research Associate, United Way of Central Indiana

Diane Pfeiffer, Consultant

SAVI Data Security & Privacy Task Force

Julie Aders, Office of Student Data Mgmt. & Access, Manager, University Data Steward

Angela Adams, IU General Counsel, Associate General Counsel

Sara Chambers, University Information Policy Office, Chief Privacy Officer

Kelly Davila, Polis Center at IUPUI, Sr. Research Analyst
Tom Davis, University Information Security Office, University Chief Security Officer
Neil Devadasan, Polis Center at IUPUI, Director, System Engineering
Jim Dowling, Polis Center at IUPUI, Database Administrator
Frank Faults, Rooney Foundation, Director
Demetrius Glover, Vice President of Strategic Information, United Way of Central Indiana
Melissa Gona, Polis Center at IUPUI, Business Manager
Sharon Kandris, Polis Center at IUPUI, Director, Community Informatics
Andrew Korty, University Information Security Office, University Info Security Officer
Keith Lehigh, University Information Security Office, University Principal Security Engineer
Andrew Marsh, University Compliance, University HIPPA Security Officer
Britney McMahan, IU General Counsel, Law Fellow
Leslie Pfeffer, University Compliance, University HIPPA Privacy Officer

United Way Integration Plan Pilot Project Advisory Committee

Susan Burow, Director of Data-Informed Practice, Early Learning Indiana
Kelly Davila, Sr. Research Analyst, Polis Center at IUPUI
Eric Ellsworth, CEO, Young Men's Christian Association of Greater Indianapolis (YMCA)
Craig Ervin, Finance Manager/Tech, Jewish Community Center (JCC)
Amy Essley, CPD, Big Brothers Big Sisters
Demetrius Glover, Vice President of Strategic Information, United Way of Central Indiana
Rhonda Gotch, CQI Coordinator, Nurse-Family Partnership/Goodwill Industries
Tiffany Hatfield, Director of Foundation & Corporate Giving, Young Men's Christian Association
Gina Hays, CEO, Mental Health of America (MHA)
Emily Howard, Vice President of Information Technology, Young Men's Christian Association
Amy Hutcheson, Resource Supervisor, Nurse-Family Partnership/Goodwill Industries
Ira Jaffee, CEO, Jewish Community Center
Arvetta Jideonwo, Director, Development, Bosma Enterprises
Sharon Kandris, Director, Community Informatics, Polis Center at IUPUI
Katie Keesling, Education Director, Mental Health of America
John Lasley, Marketing Research Analyst, Bosma Enterprises

Denise Luster, Director of Research Health, United Way of Central Indiana
Tabitha Manross, Manager, Business Intelligence, Goodwill Industries
Ted Maple, CEO, Early Learning Indiana
Cassie Martin, Executive Director, Sheltering Wings
Katherine Matutes, Director of Health & Wellness, Jewish Community
Center Lexie McGillis, Research Associate, United Way of Central Indiana
Kevin Mickey, Director, Professional Development & Geospatial Education, Polis Center
Karissa Morris, Administrative Program Specialist, Second Helpings
Darcey Palmer-Shultz, CEO, Big Brothers Big Sisters
Anna Price, Director of Development, Jewish Community Center
Donita Roberts, Grants & Administration Coordinator, Sheltering Wings
Sven Schumacher, CEO, Lutheran Child & Family Services
Nora Spitznogle, Director of Programs, Second Helpings
Jennifer Vigran, CEO, Second Helpings
Barbara Walters, Staff Accountant, Lutheran Child & Family Services
Amanda Zimmerman, Information Analyst, Early Learning Indiana

Health Geoinformatics

Infrastructure Taskforce, Indiana Public Health Practice Council

Cynthia Stone, Richard M. Fairbanks School of Public Health (Council Co-Chair)
Karen Comer, Polis Center at IUPUI (Council Co-Chair)
Pamela Aaltonen, Purdue University
Penny Caudill, Monroe County Department of Health
Joan Duwve, Indiana State Department of Health
Spencer Grover, Indiana Hospital Association
Sue Hancock, Richard M. Fairbanks School of Public Health
David Hopper, Indiana State Department of Health
Jerry King, Indiana Public Health Association
Sandra Liu, Purdue University
JoBeth McCarthy-Jean, Richard M. Fairbanks School of Public Health
Mary McKee, Marion County Public Health Department
Brianna Myers, Tippecanoe Health Department

Carol Rogers, Indiana Business Research Center
Sarah Seward, Indiana State Department of Health
Pauline Shen, Tippecanoe County Health Department

Spatial Humanities

Executive Committee (develops strategic plans, sets agenda):

John Corrigan, Lucius Moody Bristol Distinguished Professor of Religion and Professor
of History, Department of Religion, Florida State University

Trevor Harris, Professor of Geography, Department of Geology and Geography,
West Virginia University

David Bodenhamer, Executive Director, Polis Center at IUPUI

Members:

Ed Ayers, Tucker-Boatwright Professor in the Humanities, Department of History and
President Emeritus, University of Richmond, USA

Peter Bol, Vice Provost for Advances in Learning and Charles H. Carswell Professor of
East Asian Languages and Civilizations, Office of the Provost, Harvard University, USA

Peter Doorn, Director, Dutch Archives and Networking Service (DANS), Netherlands

I-chun Fan, Research Fellow, Institute of History and Philology and Executive Director,
Center for Geographic Information Science, Academia Sinica, Taiwan

Michael Goodchild, Emeritus Professor of Geography, University of California-Santa
Barbara, USA

Yuzuru Isoda, Associate Professor, College of Asia Pacific Studies, Ritsumeikan Asia Pacific
University, Japan

Kim Knott, Professor of Religious Studies, University of Leeds, UK

Anne Knowles, Professor of History, University of Maine; formerly Professor of Geography,
Middlebury College, USA

Andreas Kunz, Economic Historian and Sr. Researcher, Institute of European History
(Mainz), Germany

Lew Lancaster, Professor Emeritus, Department of East Asian Languages and Cultures,
University of California-Berkeley, USA

Gary Lock, Emeritus Fellow, Professor of Archaeology, Department for Continuing Education,
University of Oxford, UK

Barney Warf, Professor of Geography and Atmospheric Science, Department of
Geography and Atmospheric Science, Kansas University, USA

May Yuan, Ashbel Smith Professor of Geospatial Information Sciences, Geospatial
Information Sciences, University of Texas-Dallas, USA

Spirit and Place Festival

Steering Committee (advises on policy, themes, strategic planning)

Vicki Bohlsen, CEO, Bohlsen Group (Committee Chair)

Miriam Acevedo Davis, President & CEO, La Plaza

Keira Amstutz, President & CEO, Indiana Humanities

David Bodenhamer, Executive Director, Polis Center at IUPUI

Ronald Caltabiano, Dean, Jordan College, Butler University,

Jennifer Drake, Professor of English and Dean, College of Arts and Sciences,
University of Indianapolis

Elizabeth Goodfellow, Major Gift Officer, IU School of Liberal Arts at IUPUI

Bruce Hetrick, Principal, Powerful Appeals; Visiting Professor, Journalism and
Public Relations Dept., IU School of Liberal Arts at IUPUI

Ken Honeywell, Partner/Creative Director, Well Done Marketing

Karissa Hulse, Director of Marketing and Programs, IndyHub

Charlie Hyde, President & CEO, Benjamin Harrison Presidential Site

Leslie Kidwell, Major Gift Officer, American Red Cross

David Kosene, President, Kosene and Kosene Development & Management Co.,
Inc. Fred Lewis, Senior Minister, First Baptist Church of Indianapolis

Beth Perdue Outland, Vice President, Community Engagement & Strategic Innovation,
Indianapolis Symphony Orchestra

Tina McIntosh, President & CEO, Joy's House

Cheri O'Neill, President & CEO, Ball State University Foundation

Sr. Norma Rocklage, Executive Director, Education Formation Outreach, Marian University

Gail Thomas Strong, Vice President, Community Engagement, WFYI

Joanna Beatty Taft, Executive Director, Harrison Center for the Arts

Robin Thoman, Principal, Paradox Dental Care

Camryn Walton, PR Specialist, Once Click Ventures

Sally Zweig, Attorney at Law, Katz & Korin, PC

Event Selection Committee

Beth Perdue Outland, Vice President, Community Engagement & Strategic Innovation,
Indianapolis Symphony Orchestra (Committee Co-Chair)

Marc McAleavey, Executive Director, PlayWorks (Committee Co-Chair)

Anthony Artis, Musician, Drum Maker and Teaching Artist

Peggy Daniels Lee, Chair, Undergraduate Program and Clinical Assistant Professor of
Operations & Supply Chain Management, Kelley School of Business at IUPUI

Kirsten Eamon-Shine, Director of Statewide Communications & Engagement at Early
Learning Indiana

Heather Hall, Vice President of Community Development, Sun King Brewery

Hope Hampton, Community Leader

Susan Cornacchione, Vice President of Development, CICOA

Dancia Malone, Policy Fellow at Urban Leaders Fellowship

Patricia Castaneda, Key@Work Program Manager, KeyBank

Lev Rothenberg, Director of Arts and Education, Jewish Community Center

Gail Thomas Strong, Vice President, Community Engagement, WFYI

FORMAL RELATIONSHIPS

We have a large number of collaborators—indeed, almost all of our projects are collaborative—but the relationships are ad hoc and dependent upon project initiatives.

Part III: Finances

SUSTAINABILITY

Our goal is to enter each fiscal year with at least of 75 percent of required income under contract. Our experience as a self-supporting center suggests we will be able to develop enough new projects during the fiscal year to maintain a healthy working margin of eight to twelve months of fully funded work. We met this goal for FY2016, and we enter FY2017 with contracted income sufficient to meet our obligations for the next year. The small deficit shown on the statement of income and expenses is an anomaly of grant accounting and does not reflect any structural problem or significant mismatch between expenses and income.

CURRENT GRANTS

Note: Secured contracts and grants for FY2017 are identified in the following table by an asterisk.

Account Number	Account Name	Account Expiration Date	
4092721	WCGI-BODENHAMERDAVID	6/30/2016	
4092722	BCO-BODENHAMERDAVID	5/28/2016	
4092723	GDNR-BODENHAMERDAVID	8/27/2015	
4092724	UW-GEMA-BODENHAMERDAVID	8/1/2015	
4092725	GEMA-2015-48/BODENHAMERDAVID	8/31/2016	*
4092726	ACOHS-BODENHAMERDAVID	9/30/2015	
4092727	DOGAMI-BODENHAMERDAVID	10/31/2015	
4092728	WV UNIV-BODENHAMERDAVID	12/31/2016	*
4092729	GDNR-BODENHAMERDAVID	10/31/2016	*
4092730	PURDUE-4103-72784/NNX14AR12A-	5/16/2016	
4092731	UW-PURDUE-BODENHAMERDAVID	4/1/2016	
4092732	PURDUE-4103-69165/BODENHAMERDAVID	5/16/2016	
4192707	UNITED WAY CENTRAL IN/BODENHAMERDAVID	12/31/2015	
4192712	NSBC-BODENHAMERDAVID	7/29/2015	
4192713	GARC-MICKEY,KEVIN	6/30/2016	
4192714	CFNJ 2015-07-POLIS/-BODENHAMERDAVID	11/15/2015	
4192715	GIPC-BODENHAMERDAVID	5/31/2016	
4192716	IHC-15-043-BODENHAMERDAVID	11/30/2015	

4192717	UNITEDWAYBODENHAMERDAVID	12/31/2018	*
4192718	PARKVIEW-BODENHAMERDAVID	9/30/2016	
4392756	FEMA-BODENHAMERDAVID	7/31/2015	
4392757	UW-FEMA-BODENHAMERDAVID	8/28/2015	
4392761	VA-JOHN BUECHLER-BODENHAMERDAVID	9/30/2015	
4392762	VA-MATTHEW RIGGS-BODENHAMERDAVID	9/30/2015	
4392764	VA-LACEY DUNCAN-BODENHAMERDAVID	9/30/2015	
4392766	FEMA-HSFE20-15-MP-6350087-	6/5/2016	
4392767	FEMA-HSFE20-15-MP-6350013-	10/31/2015	
4392768	FEMA-HSFE06-16-P-1013-BODENHAMERDAVID	8/1/2016	*
4392769	FEMA-HSFE20-16-MP-6350239-	4/15/2016	
4392770	FEMA-HSFE20-16-MP-6350259-	6/24/2016	
4492032	RWJF-71271-DIXON,BRIAN	9/14/2015	
4592054	ARCASPICIO-2033/BODENHAMERDAVID	4/30/2016	
4592057	TET TECH-PO#111048-0-3/BODENHAMERDAVID	9/30/2015	
4592058	TET TECH-1110481-^4-BODENHAMERDAVID	3/31/2016	
4592059	ATKINSN AMERICHSFE60-15-D-005-	9/30/2016	*
4792068	IOCRA/A192-11-DR2-PSC-003/B11DC180001DR2	12/31/2015	
4792071	IOCRA/U.S. GEOLOGICAL SURVEY/BODENHAMER	12/31/2015	
4792075	IN HOME SE/C44P-4-045B/EMC-2013-PC-0001	7/30/2016	*
4792078	IOCRA/A192-14-PSC-DR2-003/BODENHAMER	12/31/2016	*
4792085	IDHS/BODENHAMERDAVID	7/29/2016	*
4792093	IDNR-E6-5-CTP1314/WO1-BODENHAMERDAVID	10/31/2015	
4792094	IDNR-E6-5-CTP1314/WO2-BODENHAMERDAVID	10/14/2016	*
4792095	IDNR-E6-5-CTP1314/WO3-BODENHAMERDAVID	10/14/2015	*
4792096	IDNR-E6-5-CTP1314/WO4-BODENHAMERDAVID	10/14/2016	*
4792097	IDNR-E6-5-CTP1314/WO5-BODENHAMERDAVID	10/14/2016	*
4792098	IDNR-E6-5-CTP1314/WO6-BODENHAMERDAVID	10/1/2015	
4792099	IDNR-E6-5-CTP1314/WO7-BODENHAMERDAVID	10/14/2016	*
4792700	IDNR-E6-5-CTP1314/WO9-BODENHAMERDAVID	10/14/2016	*
4792701	IDNR-E6-5-CTP1314/WO8-BODENHAMERDAVID	10/14/2016	*
4792702	INHOMESE-C44P-4-045B/BODENHAMER	4/9/2017	*
4792703	IDNR-E6-5-CTP1314/WO10-BODENHAMERDAVID	10/14/2016	*
4792704	IDNR-E6-5-CTP1314/WO11-BODENHAMERDAVID	10/14/2016	*
4792705	IDNR-E6-5-CTP1314/WO13-BODENHAMERDAVID	10/14/2016	*
4792706	IDNR-E6-5-CTP1314/WO12-BODENHAMERDAVID	10/14/2016	*
4792707	IDNR-E6-5-CTP1314/WO15-BODENHAMERDAVID	12/31/2015	
4792708	IDNR-E6-5-CTP1314/WO14-BODENHAMERDAVID	10/14/2016	*
4792709	IDNR-E6-5-CTP1314/ WO16-BODENHAMERDAVID	10/14/2016	*
4792710	IDNR-E6-5-CTP1314/WO17-BODENHAMERDAVID	10/14/2016	*
4792711	IDNR-E6-5-CTP1314/WO19-BODENHAMERDAVID	10/14/2016	*
4792712	IDNR-E6-5-CTP1314/WO20-BODENHAMERDAVID	10/14/2016	*

4792713	IDNR-E6-5-CTP1314/WO18-BODENHAMERDAVID	10/14/2016	*
4792714	IDNR-E6-5-CTP1314/WO21-BODENHAMERDAVID	10/14/2016	*
4792715	IDNR-E6-5-CTP1314/WO22-BODENHAMERDAVID	8/31/2016	*
5492042	LILLY ENDOWMENT/BODENHAMER	12/31/2016	*
5492043	LILLY END-20150712-BODENHAMERDAVID	12/31/2015	

FY2017 FINANCIAL PLANS

Pending proposals are identified in the following table.

Document Number	Project	Total
45055789	E0317: CDM for Hazus-MH	\$3,000
45055727	E0172: Hazus-MH for FL	\$3,500
49665149	E0313: Basic Hazus-MH	\$3,500
49665306	E0317: CDM for Hazus-MH	\$3,500
51842990	2017 FEMA Higher Education Conference	\$3,500
51909924	Washington State L0174	\$11,000
51878639	EMI Data Collection Focus Group	\$3,500
51855539	US Army Corp Engineers IPA Riggs	\$20,000
51863775	US Army Corp Engineers IPA Stevens	\$20,000
51879143	Domestic Violence Network	\$209,500
51901676	IDNR WO23	\$11,000
	FEMA Region 6 Arkansas	\$13,500
	Tetra Tech Training	\$16,600
	GADNR NOAA Green Infrastructure	\$77,485
	IAUW Report Card	\$11,109
	IDHS MHMP2014	\$249,777
	IDHS MHMP2016	\$526,815
	2015 CTP Comp Grant	\$18,000
	Lower E Fork White Discovery	\$70,000
	IUPUI Office Community Engagement	\$75,000
	South Carolina EMD	\$172,000
	FL Division Emergency Management	\$35,000
	Hoosier Health Connect	\$25,000
	Sue Hyatt project	\$2,000

FY2016 INCOME AND EXPENDITURES

FY2016 (JULY 1, 2015 - JUNE 30, 2016)

Income (Actual)

Grant Revenue	\$2,167,194
State Support (12- Accts)	247,397
Residuals (Grants)	62,805
Foundation Transfers (Spirit & Place)	115,483
Other (Spirit & Place)	15,600
Other (Training)	3,000
Other (Governor's Conference)	1,500
Other (Maps/Projects)	4,750
Indirect Costs (Returned)	205,308
Internal Transfers (SAVI)	50,000
Internal Transfers (Grants)	3,125
Total	\$2,876,162

FY2016 (JULY 1, 2015 - JUNE 30, 2016)

Expenses (Actual)

Academic Salaries	\$840,158
Professional Salaries	560,257
Bi-Weekly Salaries	59,819
Hourly Compensation	68,551
Benefits	573,672
Conferences/Workshops	8,323
Data & Phone	18,107
Postage	1,282
Printing & Duplicating	10,672
Contractual Services	623,184
Professional & Legal fees	1,650
Supplies and General Expense	31,353
Travel	47,507
Computer Equipment/Software	18,590
Student Fin Aid	4,500
Indirect Costs	401,961
Consolidation Transfer	(286,379)
Total	\$2,983,207

Part IV: Problems and Threats

1. Negotiating contracts after awards continues to take a significant amount of time. The Office of Research Administration is helpful but overburdened. It is not uncommon for us to delay projects for three to six months simply because we have an award but no contract. This problem often causes significant issues with project management and deadlines for deliverables.
2. We continue to experience significant delays in securing approvals for posting new positions, as well as on-going difficulties in offering career advancement opportunities to staff employees.
3. We are not able to make timely and substantial merit increases to our staff because of university restrictions, which is of particular concern when staff are bringing in significant project dollars.
4. The ongoing economic difficulties continued to pose a threat; in response, we have developed new lines of work within our established areas. Although we expect to have success in these areas, future federal and state budget cuts may jeopardize our plans.

