



HLC Accreditation 2016-2017

Evidence Document

Academic Affairs

W. Frank Barton School of Business

Center for Economic Development and Business Research Report FY 2015

Additional information: More information available at the Center for Economic Development and Business Research website: <http://www.cedbr.org/> (accessed September 4, 2015)

Center for Economic Development and Business Research:

HLC report

Prepared by: Jeremy Hill

Submitted on 09-04-2015

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EXECUTIVE SUMMARY

The Center for Economic Development and Business Research (CEDBR) is part of the State Data Center Program, which was created in 1978 to make data available locally to the public through a network of state agencies, universities, and libraries. As part of the program, the center collects and disseminates economic data to the public as an outreach function of the University.

The center is actively engaged with the community in a number of ways and the relationships that have been formed have become an important asset to the area. Businesses look to the center for insight and understanding about the economy, and elected officials use the center for objective research when developing public policy.

Outreach

The CEDBR initiated a number of new strategies for outreach over the last fiscal year. The increased emphases on outreach began with the hiring of the center's first communications specialist position. With the new position the center has made a strategic effort to improve the use of social media as a way to share data and research with news outlets, business leaders, and other constituents. Twitter followers, only one example of a social media platform used, increased from 147 to 903 over the twelve month period. Use of social media as a tool for engagement has broadened the number of media outlets that now interact with the center and has increased the number of business information requests received weekly by the CEDBR staff.

During the spring of 2015, the center hosted its first Wichita Industry Research Exchange (WIRE). In recent years, the CEDBR has presented W. Frank Barton School of Business faculty with the opportunity to take advantage of a summer research grant. This annual event will be an extension of that tradition, providing a venue at which WSU faculty can present their research findings. The event connects business faculty expertise with regional and state issues. This forum gives faculty and industry experts an opportunity to exchange insights related to academic research and applied business and community issues. The 2015 event was about the aging workforce in manufacturing and was held on Wednesday, May 6, 2015. The event had seventy one people in attendance and was sponsored by the Wichita Manufacturer's Association.

To better connect with business leaders across Kansas, the center created the Kansas Economic Outlook Team (KEOT). The new team is similar to the Wichita Area Economic Outlook Team, which comprises of business and community leaders. The purpose of the KEOT is to engage with the center by providing industry specific insight, responding to surveys, and supporting the annual Kansas economic outlook conferences in the following locations: Pittsburg, Dodge City, Hays, Salina, and Emporia. The group meets quarterly online to talk about recent economic events and expectations.

Products

The center continues to provide a number of products to a broad audience of constituents. Most of the projects offered by the center are ongoing reports based on data from federal and state data providers. Over the last year, the center changed the distribution of its high frequency data report called the

Kansas Economic Indicators (KEI). In the past, the center printed the key economic indicators and sent them to only a handful of individuals and media outlets. The report is now generated automatically and offered through a monthly email subscription. Since the inception of this new delivery option at the beginning of the summer, the subscription rate is already up to 99.

The employment forecasts provided by the CEDBR remains one of the most quoted products within the Wichita area and across the state. The center maintains an econometric forecast model of Kansas and all of the MSAs within the state. The forecast model provides not only industry-detailed employment data for each region of the state, but it also provides data on retail sales and wages. The model is updated three times a year, with the annual release of the data occurring during the Wichita Economic Outlook Conference. There were 578 people in attendance at the 2014 conference, with 68 percent of the evaluations rating the conference as better than most and 22 percent rating it as the best conference that they have attended.

Research

The CEDBR provides research and data assistance to students, faculty, elected officials, governments, nonprofits, and private companies. The scope of the research spans from analysis of trends and use of a proprietary fiscal model, to the developing customized economic models. Over the last fiscal year, the center assisted the University and the community in an initiative called the Blueprint for Regional Economic Growth. The center provided background data about the regional economy for a ten county region and the estimated value of that contribution was \$31,500.

As a state data center, the research staff continuously evaluates economic trends, analyzes industry segments, and provides insights on the regional and state economies. Over the last fiscal year, the center distributed a number of reports through its monthly electronic newsletter called, "e-Connection," which is currently distributed to over 2,000 subscribers. Of the various reports featured in the e-Connection over the past year, three projects in particular are worth highlighting. First, the center developed a study born from a discussion with Wichita State University president, Dr. John Bardo. The report, "Wichita in Megapolitan America: an Analysis of Wichita's Potential Export Markets," looks at potential opportunities to create deeper economic connections with larger metropolitan communities surrounding Wichita. Since the release of this study, a number of regional manufacturing businesses have used the information to identify new market prospects.

In a second project, the center highlighted trends in health care occupations over the last year. This industry continues to grow nationally and regionally; however, little is known about specific occupations within the sector regarding the average wages, concentration, labor shortages, and growth. The health care study was released in a series of articles, which highlighted these and other elements and compared Wichita to other metropolitan areas.

A third project that was featured in e-Connection was a series of articles based on a contract with the Greater Wichita Economic Development Coalition. The center developed a unique approach to evaluate skills and knowledge categories within the Wichita labor force in comparison with other large

metropolitan areas. The study not only estimates the number of people with a given skill or knowledge, but also determines the number of people with various levels within those same categories.

Strategic Plan Alignment

The CEDBR developed its strategic plan to align with the goals of the University and the W. Frank Barton School of Business. Overall, the center continues to make progress on all of its objectives. The center made significant progress with several of its goals over the past fiscal year, but there are two accomplishments that are worth highlighting.

In concordance with the 2014 Wichita Area Economic Outlook Conference and with the help of the Wichita Area Economic Outlook Team, the center developed Link to Learn program to support the first goal of the Barton School of Business, which aims to provide an applied learning or research experience that increases employability. The program connects students to business professionals and gives them, at minimum, two professional business events to interact. Students submit an application and are matched with a business professional that matches their research interest. In the fall of 2014, the center matched up ten students with business professionals, all of whom provided very positive feedback regarding the experience.

To further contribute to the first goal of the Barton School of Business, the center also created two ongoing independent study opportunities. The center developed an independent study class for economic students interested in market research, for which the first student is currently enrolled for the fall of 2015. The center also developed a class for graduate-level economic student interested in forecasting. The first student was enrolled in the summer of 2015 and has been updating the center's county-level population age-cohort forecast.

PURPOSE OF CEDBR

The center is part of the State Data Center Program, which was created in 1978 to make data available locally to the public through a network of state agencies, universities, and libraries.¹ As part the program, the center has used GU funds to collect and disseminate economic data to the public as part of an outreach function of the University. With the State Data Center Program being the core of the CEDBR's purpose, the center has provided a number other complementary services as part of its mission.

CEDBR Mission

The mission of the Center for Economic Development and Business Research (CEDBR) is to enhance the region's economic growth and development by:

- collecting, analyzing and disseminating business, economic and demographic information
- conducting applied business, economic and demographic research
- serving as a vital link between the business and economic development community, Wichita State University and the W. Frank Barton School of Business.

The CEDBR strives to be recognized by the business and economic development community as:

- a reliable and responsive source for business, economic and demographic information; and
- an essential partner in the region's economic development process by conducting high-quality, objective research on issues related to the community's current and future economic well-being.

Role within the University System

The Center for Economic Development and Business Research supports the University System in the following ways:

- Developing relationships with sister institutions
- Engaging in collaboration and research
- Reducing duplication of services while developing a higher quality service

The CEDBR has accomplished these goals by initiating meetings and conversations for both project-specific items and for general collaboration. More specifically, the center has taken the lead to communicate with the other applied research centers by establishing a data provider group in 2012 and planning the subsequent meetings. Additionally, the center has developed and continues to coordinate three area economic outlook conferences in conjunction with sister universities since 2012: Pittsburg State, Emporia State, and Fort Hays State.

Role within the University

The CEDBR has aligned itself with the University mission by developing good will within the community, increasing exposure for the University and business program, and displaying business professionalism at

¹ For more information about the State Data Center Program, please visit <http://www.census.gov/sdc/index.html>.

all times. The following are a few items that demonstrate ways in which the center is supporting the University's goals.

- CEDBR equips students by:
 - providing information to students for both class projects and personal development.
 - presenting applied research within the classroom setting.
 - engaging professors and supplying materials for their classroom.
 - hiring, training, and engaging students in applied research.
- CEDBR equips the larger community by:
 - providing timely economic analyses through public media and the web.
 - hosting the annual Kansas Economic Outlook Conferences to inform and educate.
 - researching critical topics with the goal of improving the cultural, economic , and social development of the Wichita area.

Role within the Barton School of Business

The CEDBR has been used as a key tool for the image branding of the business school. The following are a few items that have been identified where the center is supporting the W. Frank Barton School of Business.

- Advancing the knowledge and practice of business by
 - Assisting emerging and existing businesses with data, information, and research
 - Encouraging and promoting collaboration of faculty members in applied research
 - Providing reliable economic analyses through public media and the web
- Reaching out to constituents by
 - Engaging business directly with center activities like the WAOT
 - Developing tools and information that enhances business activity
 - Encouraging and participating in networking opportunities
- Preparing students
 - Giving information to students for both class projects and personal development
 - Presenting applied research within the classroom setting
 - Engaging professors and supplying materials for their classroom
 - Hiring, training, and engaging students in applied research

OUTREACH

The center is actively engaged with the community in a number of ways. The relationships that have been formed have become an important asset to the area and state. Businesses look to the center for insight and understanding about the economy, and elected officials use the center for objective research when developing public policy.

Media

The center has become a key expert for business and economic related questions.² Over the past twelve months, the center received 105 media requests from television, radio, and print related news sources across the state. This includes the Wichita Business Journal, Topeka Capital Journal, Wichita Eagle, and a number of television stations. The 105 requests, along with other content distributed online or by social media, generated over 160 known media citations.

Business Presentations/Interaction

The business community has utilized the center as an expert for annual conferences, strategic planning, and focus groups. The most requested type of presentation is for a forecast, which has historically been a free service provided to the community. In the last three years, the director has provided between 20 and 30 presentations to business organizations, local governments and public conferences per year. The audiences typically range between 50 and 100 and most presentations are about 30 minutes long. The following are some of the organizations the director has presented to over the last two years:

- Wichita Independent Business Association
- Accounting and Financial Women's Alliance
- Wichita Chamber of Commerce – CEO Roundtable
- Wichita Manufacturer's Association
- Petroleum Accountants Society of Kansas
- Kansas Society for Human Resource Management
- Senate Ways and Means
- National Association for Business Economists
- Regional Economic Area Partnership
- Federal Reserve Bank of Kansas City

The presentations given to these organizations are valuable in a number of ways. First, some businesses use the information to build their budget or business strategy for the coming year. Second, the interaction with these business leaders shows that the University is a partner in the community and builds good will. Third, the interaction reminds the community of the expertise available through the University and the value of an institution of higher learning.

Information Requests

Part of the center's mission is to provide data and information to its stakeholders within the region. Over the last twelve months, there were a total of 483 requests for the center's services. The largest

² A full list of media citations is provided in the appendix.

request was from private businesses, accounting for 130 requests or 27 percent. Private businesses usually request items such as demographic information and/or economic trends. The second largest request at 105 instances was from the media. The non-profit sector was the third largest at 69 requests.

Information Requests
June 2014 – May 2015

Type	Number	Percent
Student	5	1%
Faculty	69	14%
Government	73	15%
Private	130	27%
Non-Profit	69	14%
Media	105	22%
Individual	21	4%
Other	11	2%
Unknown	0	0%
Total Calls	483	100%

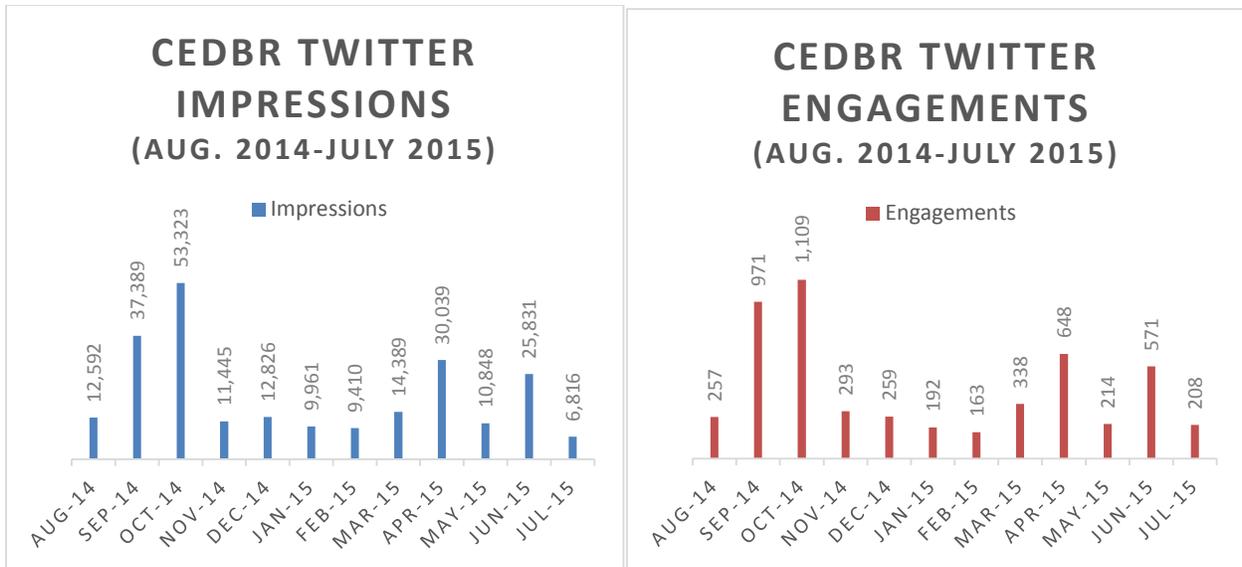
Web/Newsletter

The website has become a key resource for businesses and community leaders within Kansas. In 2014, there were over 37,000 unique visitors to the website with over 290,000 pages views. The most popular page on the website, with over 20,000 hits, is the indicators page. This is a monthly and quarterly list of key data items about the Wichita, Kansas, and United States economies. The second most popular pages on the website are those containing the employment forecasts.

The monthly newsletter, called e-Connections, is the CEDBR’s main source for communication with the general public. The newsletter highlights recent projects, customized research for the region, and other economic news. The newsletter is distributed to over 2,000 people, having grown by over 250 subscribers within the fiscal year.

Social Media

A few months into the last fiscal year, the center hired a communication expert to better inform the regional and state constituents about key economic news and information, as well as products and services offered by the center and the University. The center utilizes Twitter, Facebook, and LinkedIn as the primary tools of communication to this broader audience. Twitter followers increased from 147 to 903 (August, 2014 to July, 2015). Both the impressions and engagement of users increased dramatically during the fall annual economic outlook conference, but continued to steadily increase through the remainder of the year.



WAOT/KEOT

The Wichita Area Outlook Team is a forum of business and community leaders that meet quarterly to discuss the regional economy. There are currently forty-seven members, all of whom have engaged with the center by providing industry specific insight, responding to surveys, and supporting the annual economic outlook conference. A list of current members and responsibilities can be downloaded at the following website: www.waot.cedbr.org

Over the last fiscal year, the center has formalized the Kansas Economic Outlook Team (KEOT) and started soliciting members. The KEOT is similar to WAOT in scope and purpose, but includes business and community leaders across Kansas and concentrated in the five regional economic outlook conference locations: Pittsburg, Dodge City, Hays, Salina, and Emporia.

Wichita Economic Outlook Conference

The annual economic outlook conference is the most visible and well known outreach effort from the center. The purpose of the conference is to provide insight into current local and national economies, addressing topics of interest to the community, region and state. A combination of nationally known speakers and local experts provide perspectives on issues affecting business, industry, education and government.

The 2014 conference included William Swelbar from MIT’s International Center for Air Transportation and Jack Kleinhenz from the National Retail Federation. There were 578 people in attendance, which consisted of mostly business professionals and community leaders. Out of 113 evaluation responses for the event, 68 percent rated the conference as better than most and 22 percent rated it as the best conference that they have attended.

Regional Economic Outlook Conferences

The 2014 Kansas Regional Outlook Conferences took place in Pittsburg (October 21), Emporia (October 23), Salina (October 24), Dodge City (October 30) and Hays (October 31). Each conference featured a video interview of the national speakers from the Wichita Area Economic Outlook Conference, Jeremy Hill with the state forecast, Stan Longhofer with the real estate forecast, and one or two other speakers covering topics related to the local and regional economies. There were between 25 and 50 business professionals in attendance at each event, consisting primarily of top company executives (i.e. presidents, CEOs, district managers, directors, and business owners). These businesses professionals represented city, county and state governments, school districts, financial institutions, retailers, and economic development groups. Students from local universities were also in attendance as a result of CEDBR offering complimentary tickets through their university business departments. These events were all coordinated and promoted with the help of local contacts in the area chambers of commerce or through the area economic development coalition. As a direct result of marketing efforts, CEDBR saw several media outlets at these locations and was featured in both television and newspaper news coverage.

Wichita Industry Research Exchange

The center developed the Wichita Industry Research Exchange (WIRE – www.wire.cedbr.org) as an outlet for the annual summer research grant provided to business faculty. The 2015 event was about the aging workforce in manufacturing and was held on Wednesday, May 6, 2015. The event had seventy one people in attendance.

PRODUCTS

The Center for Economic Development and Business Research has a number products that it provides to the region and state. The following are only a few key products:

Population Forecast

The CEDBR is the only research organization in the state that provides population forecasts for every county in the state by age cohort. To date, the previous version has been viewed over 7,700 times. The center is currently updating the model and plans for it to be released in late 2015.

Kansas Economic Indicators (KEI)

High frequency data related to labor, industry employment, housing permits, wages, prices, and hours worked for Wichita, Kansas, and the United States are posted on the center's website and distributed to media, businesses, and community leaders on a monthly basis. During the fiscal year, the center developed an email version of the indicators. There are currently 99 subscribers.

Current and Leading Index

The center maintains a current and leading index that measures regional economic performance, and is updated on a quarterly bases. The index is utilized by local governments within their budget documents and by businesses determining current conditions.

Kansas Information Database

The Center for Economic Development and Business Research has compiled economic news headlines for area businesses and organizations for more than 20 years. The weekly and monthly reports are now publicly available on the website and by a free email subscription. There are currently 172 subscribers.

Forecast

The center developed and maintains an econometric forecast model of Kansas and all of the MSAs within the state. The center provides industry level employment forecasts along with retail sales and wages three times a year. The forecast is released annually in the fall, with updates being published in the winter and spring during the following year. The detailed forecasts for both Kansas and Wichita were viewed more than 800 times each over the last fiscal year.

	Kansas	Wichita
Fall	383	352
Winter	308	340
Spring	153	176

Wichita Industry News and Development

The Wichita Industry News and Developments report provides a brief overview of statistical trends and major announcements by industry sector. The data covers the Wichita Metropolitan Statistical Area, which is comprised of Butler, Harvey, Kingman, Sedgwick, and Sumner counties. The WIND reports have been viewed over 1,400 times in the past fiscal year.

	Views
Aug-14	491
Jan-15	375
Mar-15	408
Jun-15	143

RESEARCH

Fiscal and Economic Impacts

A number of years ago the center developed a proprietary fiscal model that has been used by local governments and economic development agencies across Kansas. Some of the 2014 clients include the Greater Wichita Economic Development Collation, City of Salina, City of Wichita, and Leavenworth. The center made some modifications to the model and updated the data during the academic year. In total, the CEDBR assisted regional and state partners with fifty one fiscal and economic impacts.

	Projects	Runs	Runs per Project
2013/14	63	284	4.5
2014/15	51	219	4.3

Accelerated Business Research

In 2012, the center developed a new product called Accelerated Business Research (www.abr.cedbr.org), which provides businesses across Kansas with customized research to assist them in making quick actionable decisions. During the last academic year, the center assisted fifteen companies with research that ranged from developing customer lists to identifying industry trends.

	Total Projects
2012/13	5
2013/14	20
2014/15	15

Support to the University

During the past fiscal year the center assisted the University and its regional partners in an initiative called Blue Print for Regional Economic Growth (BREG - <http://www.bregsck.com/>). The center provided background data about the regional economy for a ten county region. The estimated value of that contribution was \$31,500.

General research on the regional/state economy

The following is a summary of research that the center conducted on the regional and state economy during the last fiscal year:

- Wichita Megapolitan America: an Analysis of Wichita's Potential Export Markets
- General aviation manufacturing trends
- Health care occupation series
 - Veterinarian Occupations Employment
 - Pharmacist Occupations Employment
 - Dental Occupations Employment
 - Nursing Occupations Employment
 - Physician Occupations Employment
 - Physical Therapy Occupations Employment
 - Therapy Occupations Employment
 - Health Technologist and Technician Occupations Employment
- Analysis of skills and knowledge series
 - High-Level Skills in the Wichita Workforce
 - High-Level Engineering Skills for Aviation Manufacturing Communities
 - Aerospace Production Skills in Aerospace Manufacturing Communities
 - High-Level Information Technology Skills in Midwestern Communities
 - Health Care Practitioners' Skills in Midwestern Communities
- Unemployment insurance benefits series (quarterly)
- Employment and unemployment across Kansas series (quarterly)

- Employment-Population Ratio in Wichita Compared with Peer Cities
- County Employment-Population Ratios Across Kansas
- Misery Index series (quarterly)
- Inflation and cost series (quarterly)
- Cost of Living Within Wichita Compared to the Nation

Other Contract Research

As an applied research center, the center is also engaged in providing contract research. The following are a few selected reports over the last fiscal year:

- Serving the Community Well: The Economic Impact of Wichita's Health Care and Related Industries
- Affordable Airfares Impact Study
- Seasonality Adjustments to the Kansas Turnpike Authority
- Measure of Wichita's Economic Diversification

STRATEGIC PLAN ALIGNMENT AND ACCOMPLISHMENTS

The following is an update on the accomplishments and alignment of CEDBR with the W. Frank Barton School of Business Strategic Plan.

Goal 1. To provide an applied learning or research experience that increases employability for every Barton School student by August 2016.

Objective 1: CEDBR will explore the potential for supervising a directed study student each fall and spring semester.

The center has developed a syllabus for two ongoing independent study opportunities.

Objective 2: Explore options for providing research experiences and applied learning where appropriate in courses offered by CEDBR staff.

The center has developed one new applied learning experience for an economic forecasting class. Students will be given the opportunity to update the Wichita Current and Leading Index.

Objective 3: CEDBR will begin a student mentorship program connecting students to professionals on the WAOT during the Economic Outlook Conference.

The center developed Link to Learn, connecting students with business professionals, and implemented the program in the fall of 2014. This first year had ten students and ten business professionals participating. www.ltl.cedbr.org

Objective 4: Provide opportunities to Barton School students for the Economic Outlook Conference

The center provided ten complimentary tickets for Wichita State students during the fall 2014 Economic Outlook Conference. The center also provided complimentary tickets to business and economic students at other universities in Kansas.

Objective 5: Provide an applied research competition for Barton School students.

The center is still exploring this opportunity.

Goal 2. To enhance a Barton School culture that values performance, accountability, engagement, and professional development supported by revised appraisal and incentive systems by December 2014.

Objective 1: Each CEDBR employee attends one professional development training each fiscal year.

All of the staff engaged in at least one professional development training opportunity during the fiscal year.

Objective 2: CEDBR will implement an annual team building retreat for all staff.

The staff had its first annual team building retreat in August of 2014.

Goal 3. To increase the Barton School national ranking by 2019.

The core mission of CEDBR is not applicable to the factors that generally impact national rankings.

Goal 4. To increase Barton School research by twenty percent by December 2019.

Objective 1: CEDBR will provide a faculty research grant each summer.

The center developed the Wichita Industry Research Exchange (WIRE - wire.cedbr.org) as an outlet for the annual summer research grant provided to business faculty. The 2015 event was about the aging workforce in manufacturing and was held on Wednesday, May 6, 2015. The event had seventy one people in attendance. The center provided the funding for the 2014/2015 summer research grant, but the committee did not award the funds.

Objective 2: CEDBR will seek out more cross-discipline research opportunities on campus.

The center has managed an internal university group called the Council of Centers, which included applied research centers across the campus. During the meetings the group members have discussed shared research opportunities. It should be noted that the CEDBR and CCSR submitted a joint proposal during the academic year, but it was unsuccessful.

Goal 5. To increase and expand the W. Frank Barton School of Business outreach in the areas of professional development, service, consulting, and business development by twenty percent by December 2019.

Objective 1: CEDBR will engage with the Wichita Area Outlook Team four times a year.

The Wichita Area Outlook Team is a forum of business and community leaders that meet quarterly to discuss the regional economy. There are currently forty seven members. www.waot.cedbr.org

Objective 2: CEDBR will provide fiscal cost benefit analysis to local governments.

The center updated the model and assisted in fifty one projects.

Objective 3: CEDBR engage in private contracts for business research

The center generated over \$20,000 worth of business research contracts.

Objective 4: CEDBR engage in contracts for Accelerated Business Research.

The center generated just under \$10,000 worth of contracts during the fiscal year.

Objective 5: CEDBR will continue to provide annual Wichita Economic Outlook Conference

The 2014 conference included William Swelbar from MIT's Center for Air Transportation and Jack Kleinhenz from the National Retail Federation. There were 578 people in attendance, which consisted of mostly business professionals and community leaders. Out of 113 evaluation responses for the event, 68 percent rated the conference as better than most and 22 percent rated it as the best conference that they have attended.

Objective 6: CEDBR will continue to provide annual Regional Economic Outlook Conference

The center continued the regional conferences, which included Pittsburg, Dodge City, Hays, Emporia, and Salina.

Objective 7: CEDBR will continue to respond to information requests from students, faculty, staff, government and the public.

The center provided 481 information request over the twelve month period.

Objective 8: CEDBR will develop relationships for a future economic outlook conference in Topeka and Kansas City.

The director has contacted key leaders in both locations; however, dates and locations have not be confirmed.

Objective 9: CEDBR will develop and implement a Kansas Economic Outlook Team similar to the Wichita Area Outlook Team.

Over the last fiscal year, the center has formalized the Kansas Economic Outlook Team (KEOT) and started soliciting members. The KEOT is similar to WAOT in scope and purpose, but includes business and community leaders across Kansas and concentrated in the five regional economic outlook conference locations: Pittsburg, Dodge City, Hays, Salina, and Emporia.

Appendix

2014/2015 Media Contacts³

<i>Name</i>	<i>Date</i>	<i>Paper</i>	<i>Article Title</i>
Jeremy	1/7/2014	Wichita Eagle on-line	College graduates less likely to be jobless in Wichita and nation, says report
Jeremy	1/7/2014	Wichita Eagle on-line	Taxes the focus as Kansas tries to grow jobs
Jeremy	1/8/2014	Wichita Eagle on-line	WSU reins in its forecast for new jobs in 2014
Jeremy	1/8/2014	Wichita Eagle	College grads less likely to be jobless
CEDBR	1/9/2014	WSU University Relations	Wichita State releases 2014 Wichita employment forecast
Jeremy	1/9/2014	Wichita Eagle	WSU reins in jobs forecast for 2014
CEDBR	1/10/2014	WSU University Relations	Wichita State releases 2014 Kansas employment forecast
Jeremy	1/10/2014	Wichita Business Journal on-line	Just how competitive is Kansas for aerospace?
Jeremy	1/10/2014	Wichita Business Journal	Just how competitive is Kansas for aerospace?
Jeremy	1/14/2014	Wichita Eagle on-line	Most people taking advantage of Kansas' Rural Opportunity Zones have ties to the area
Jeremy	1/17/2014	Wichita Business Journal	Life After Boeing
Jeremy	1/17/2014	Wichita Business Journal on-line	Wichita turns the page - Life after Boeing
Jeremy	1/19/2014	Wichita Eagle on-line	Wichita State's Upward Bound director relentless in pushing students to succeed
Jeremy	3/8/2014	Wichita Eagle on-line	A closer look at proprietor income outpacing wages
Jeremy	3/19/2014	Wichita Eagle on-line	Data shows consumer spending rising faster than incomes in Wichita area
Jeremy	3/21/2014	Wichita Business Journal on-line	Wichitans spending faster than their incomes are growing
Jeremy	3/28/2014	Wichita Business Journal on-line	Expect changes among suppliers following Cessna, Beechcraft merger
Jeremy	3/28/2014	Wichita Business Journal on-line	Wichita: Cleared for takeoff

³ It should be noted that this does not include all media citations of CEDBR's work.

Jeremy	3/25/2014	Wichita Eagle on-line	Personal income shows 2.4 percent gain in 2013
Jeremy	4/2/2014	Wichita Business Journal on-line	Wichita near bottom for small-business vitality score
Jeremy	4/4/2014	Wichita Business Journal on-line	Wichita version 2019-Imagining the city five years from now
Jeremy	4/4/2014	Wichita Business Journal on-line	Supplier mergers and acquisitions may be next moves in Wichita aviation
Jeremy	4/4/2014	Wichita Business Journal	Supplier M&A may be next moves in local aviation
Jeremy	4/23/2014	KWCH on-line	Employees say Textron supply chain jobs hardest hit
Jeremy	4/23/2014	KWCH on-line	WARN notices help community deal with Textron layoffs
Jeremy	5/9/2014	Wichita Business Journal on-line	Wichita's economic diversity push: Do we have the right mix?
Jeremy	5/19/2014	Wichita Eagle on-line	Wichita jobs forecast strongest since 2008, says Wichita State economist
Jeremy	5/20/2014	Wichita Eagle	WSU economist: Jobs forecast strongest since '08
CEDBR	5/21/2014	WSU University Relations	New employment forecast released by Wichita State
CEDBR	6/2/2014	Wichita Eagle on-line	WSU economic index for March shows little improvement expected
Jeremy	6/11/2014	Wichita Eagle on-line	Kansas' GDP growth behind most states in the region
Jeremy	7/2/2014	KWCH on-line	WSU: Kansas could have 18,000 new jobs by year's end
CEDBR	7/7/2014	Wichita Business Journal on-line	Swelbar to keynote economic outlook conference
CEDBR	7/14/2014	WSU University Relations	Swelbar, air transport professional, will speak at Economic Conference
CEDBR	7/16/2014	Wichita Business Journal on-line	WSU economic conference set for Oct. 3
CEDBR	7/21/2014	Wichita Liberty.org	CEDBR fiscal model presentation to Wichita City Council
Jeremy	7/25/2014	Wichita Business Journal on-line	Where are Wichita's jobs?
CEDBR	7/30/2014	Wichita Eagle on-line	Retail and aviation experts to speak at WSU economic conference
CEDBR	7/30/2014	Wichita.edu	National Retail Federation chief economist Kleinhenz to speak at economic outlook conference
CEDBR	7/31/2014	Wichita Eagle	Retail, aviation experts to speak at WSU event
Jeremy	8/6/2014	KWCH on-line	FF12 Ad Check: Pompeo on aviation
Jeremy	8/12/2014	KWCH on-line	Brownback: Growth will close Kansas budget gap

Jeremy	9/9/2014	Wichita Eagle on-line	Kansas Policy Institute to host public forum on proposed job development fund
Jeremy	9/16/2014	Wichita Eagle on-line	Wichita economic recovery slowed in 2013
Jeremy	9/17/2014	Wichita Eagle	Wichita area's recovery slowed in 2013
Jeremy	9/17/2014	Wichita Business Journal on-line	WSU economic outlook conference slated for Oct. 9
Jeremy	9/17/2014	WSU University Relations	WSU plans Wichita Area Economic Outlook Conference for Oct. 9
Jeremy	9/18/2014	Wichita Business Journal on-line	Sears closure will hit other Towne West stores, economist says
Jeremy	9/19/2014	Wichita Eagle on-line	Forum focuses on jobs for Wichita
Jeremy	9/30/2014	Wichita Business Journal on-line	Kansas outpaced nation on Q2 personal income growth
Jeremy	10/4/2014	Wichita Liberty.org	Errors in Wichita Union Station development proposal
Jeremy	10/4/2014	KSN.com	Where have all the manufacturing jobs gone?
Jeremy	10/8/2014	Wichita Eagle on-line	What would Wichitans pay under new sales tax?
Jeremy	10/9/2014	Wichita Eagle on-line	Wichita State forecasts uptick in local job creation
Jeremy	10/9/2014	KMUW.org	Wichita's Economy Lagging Behind Its Competitors
Jeremy	10/9/2014	Wichita Business Journal on-line	Wichita's economy: Pockets of opportunity inside the new normal
Jeremy	10/9/2014	Wichita Eagle on-line	Speakers at Wichita Area Economic Outlook Conference advise: Embrace business landscape's 'new reality'
Jeremy	10/9/2014	Wichita Eagle	Speakers on economic outlook: Best to embrace 'new reality'
Jeremy	10/9/2014	Wichita Eagle	WSU forecasts uptick in local job creation
CEDBR	10/9/2014	WSU University Relations	2015 Wichita Employment Forecast released
Jeremy	10/10/2014	Wichita Business Journal on-line	Is health care Wichita's next boom industry?
CEDBR	10/13/2014	WSU University Relations	2015 Kansas Employment Forecast released
CEDBR	10/20/2014	Wichita Business Journal on-line	Kansas reaping economic benefits from World Series
CEDBR	10/22/2014	Wichita Eagle	Wichita leads in tech skills, study says
Jeremy	10/23/2014	Wichita Eagle on-line	Breaking down the jobs development fund on Wichita's sales tax plan
CEDBR	10/23/2014	Emporia Chamber on-line	Emporia Economic Outlook Conference
Jeremy	10/24/2014	Emporia Gazette.com	Annual conference discusses economy
Jeremy	10/25/2014	Wichita Eagle on-line	Incentives at heart of Wichita debate over sales tax jobs fund
Jeremy	11/18/2014	KQED.org	Wichita Tries To Boost Its Aviation Industry With Smaller Planes
Jeremy	12/5/2014	KSN.com	State employment in private sector is up

CEDBR	12/9/2014	WSU University Relations	Videos of presentations and panel discussions now available
Jeremy	12/11/2014	KSN.com	Private developer getting tax breaks to bring Union Station to life once more
Jeremy	12/18/2014	Wichita Eagle on-line	Sedgwick County wage growth amount nation's worst
Jeremy	12/19/2014	Wichita Business Journal on-line	How Koch grows - An exclusive conversation with President Dave Robertson
Jeremy	12/19/2014	KSN.com	Wage growth down in Sedgwick County, but economist still optimistic
Jeremy	12/22/2014	Wichita Business Journal on-line	Study: Health care industry a \$7B economic driver in Wichita area
CEDBR	1/2/2015	Wichita Business Journal on-line	WSU economists to issue revised economic projections for 2015
Jeremy	1/5/2015	Topeka Capital Journal on-line	Topekans more 'miserable' in third quarter
CEDBR	1/5/2015	Topeka Capital Journal on-line	Projection: Kansas to add 24,000 jobs this year
CEDBR	1/5/2015	Topeka Capital Journal on-line	Kansas Employment to grow slower than U.S. in 2015
Jeremy	1/5/2015	Topeka Capital Journal on-line	Kansas Employment to grow slower than U.S. in 2015
CEDBR	1/5/2015	Wichita Business Journal on-line	New leaders, new tenants, more expansion coming in 2015
CEDBR	1/5/2015	Wichita Business Journal on-line	Wichita State economists lower projections for local jobs creation in 2015
Jeremy	1/5/2015	KSN.com	Slow but steady growth expected with Wichita economy
Jeremy	1/5/2015	KSN.com	2015: TIF districts in Wichita hope to boost local economy
Jeremy	1/5/2015	Wichita Eagle on-line	New WSU forecast: Number of Wichita jobs to grow 1.5 percent in 2015
WSU (CEDBR)	1/5/2015	Hayspost.com	Wichita State releases 2015 employment forecast for Kansas
CEDBR	1/6/2015	LJWorld.com (Lawrence Journal-World)	Kansas economists predict state will add 24,000 jobs in 2015
CEDBR	1/6/2015	Kansaspublicradio.org (KPR)	Economists Predict Kansas will add 24K jobs in 2015
CEDBR	1/6/2015	WIBW.com	Kansas economists predict state will add 24,000 jobs in 2015
CEDBR	1/6/2015	WSU Today	2015 Updated Wichita Employment Forecast released
CEDBR	1/8/2015	WSU Today	2015 Updated Kansas Employment Forecast released
WSU (CEDBR)	1/14/2015	Dodgedev.org	Kansas employment expected to grow

CEDBR	1/15/2015	WSU Today	Save the date for annual economic outlook conference
Jeremy	1/17/2015	Kansas.com	Learjet layoffs deliver a blow to Wichita's hopes for economic recovery
Jeremy	1/18/2015	reposted to Aviation Pros	Learjet layoffs deliver a blow to Wichita's hopes for economic recovery
CEDBR	1/30/2015	KCUR.org (Kansas City Public Media)	Olathe Medical Center Unveils \$100 Million Expansion Project
Jeremy	1/31/2015	Kansas.com	Wichita sees signs that pay rates could begin to rise
Jeremy	2/3/2015	kwch.com	Wichita ranks toward top of nation in favorable jobs report
Jeremy	2/3/2015	KSN.com	Small Business Day in Kansas brings tax break concerns
Jeremy	2/16/2015	Salina Journal	As the state ages, so does Saline County
Jeremy	2/17/2015	kansasleadershipcenter.org (blog)	A Soaring Economy, Whether Cars Fly or Not
CEDBR	2/17/2015	kansasleadershipcenter.org (blog)	A Soaring Economy, Whether Cars Fly or Not
Jeremy	2/17/2015	The Journal (print)	A Soaring Economy, Whether Cars Fly or Not
CEDBR	2/17/2015	The Journal (print)	A Soaring Economy, Whether Cars Fly or Not
Jeremy	2/20/2015	Wichita Business Journal on-line	Jeff Lange's \$34M industrial park GWEDC-touted wins for 2014
CEDBR	2/20/2015	Topeka Capital Journal on-line	Shawnee County residents about as likely to be working as before recession
CEDBR	2/26/2015	www.gobankingrates.com	Wichita Ranked Among Top 10 Best Cities for Saving Money
CEDBR	2/27/2015	Kansas.com	Profit-sharing adds to pay for Spirit AeroSystem workers
Jeremy	2/27/2015	Kansas.com	Profit-sharing adds to pay for Spirit AeroSystem workers
Jeremy	3/14/2015	ozy.com	Hayseed Tech Hub
CEDBR	3/14/2015	ozy.com	Hayseed Tech Hub
Jeremy	3/17/2015	Wichita State News	Webcast series on data offered by WSU's CEDBR
CEDBR	3/17/2015	Wichita State News	Webcast series on data offered by WSU's CEDBR
CEDBR	3/20/2015	Kansas.com	Local unemployment rate, number of people working both fall in February
Jeremy	3/20/2015	Kansas.com	Local unemployment rate, number of people working both fall in February
CEDBR	3/20/2015	WSU Today	Webcast series on data offered by WSU's CEDBR
CEDBR	3/21/2015	Hutchnews.com	Economic growth group to start
CEDBR	3/31/2015	Wichita Business Journal on-line	Wichita State to move seven divisions to Old Town
CEDBR	3/31/2015	kwch.com	WSU to expand into Old Town

CEDBR	3/31/2015	kwch.com	WSU will replace Airbus in Old Town
CEDBR	3/31/2015	Kansas.com	Wichita State moving KMUW, other programs to Old Town
Jeremy	4/1/2015	Topeka Capital Journal on-line	Economic growth group plans meeting in Newton
CEDBR	4/1/2015	Topeka Capital Journal on-line	Economic growth group plans meeting in Newton
CEDBR	4/1/2015	Wichita Business Journal on-line	Chandler, Dillon, Bardo outline regional economic growth initiative
CEDBR	4/2/2015	Kansas.com	2 WSU business-related centers are trading places
Jeremy	4/2/2015	Kansas.com	2 WSU business-related centers are trading places
CEDBR	4/2/2015	Wichita Business Journal on-line	Wichita State to talk aging work force
CEDBR	4/2/2015	Wichita Business Journal on-line	At the BREG meeting: Marshall, Marshall, Marshall
Jeremy	4/2/2015	Wichita Business Journal on-line	At the BREG meeting: Marshall, Marshall, Marshall
Jeremy	4/2/2015	Wichita Business Journal on-line	South-central Kansas eco-devo initiative based on eight industry clusters
CEDBR	4/2/2015	Wichita Business Journal on-line	South-central Kansas eco-devo initiative based on eight industry clusters
CEDBR	4/4/2015	Kansas.com	WSU's expansion to Old Town a good fit
CEDBR	4/6/2015	Wichita Business Journal on-line	Wichita State's Business research arm moving to NIAR building
Jeremy	4/6/2015	Wichita Business Journal on-line	Wichita State's Business research arm moving to NIAR building
CEDBR	4/7/2015	Wichita State News	WSU's CEDBR releases report identifying regional export opportunities for Wichita
CEDBR	4/7/2015	Wichita Business Journal on-line	Study identifies Wichita's regional export opportunities
CEDBR	4/8/2015	Kansas.com	Aging workforce subject of WSU event on May 6
CEDBR	4/14/2015	Kansas.com	Moving Day for WSU Innovation Campus
CEDBR	4/17/2015	KSN.com	Latest job numbers show decrease in Wichita workforce
Jeremy	4/17/2015	KSN.com	Latest job numbers show decrease in Wichita workforce
CEDBR	4/20/2015	Wichita State News	WSU Ventures prepares to move to Devlin Hall, will open April 23
CEDBR	4/20/2015	Wichita Business Journal on-line	WSU Ventures moving to Wichita State's Devlin Hall this week
CEDBR	5/1/2015	Wichita Business Journal PRINT	Aging work force first topic in new Wichita State series
Masud Chand (not	5/1/2015	Wichita Business Journal Print	How blending generations can bring the work force gap

CEDBR,
but
inspired
by
WIRE
event)

Masud Chand (not CEDBR, but inspired by WIRE event) 5/1/2015 Wichita Business Journal Print The 'Silver Tsunami' hits Wichita Manufacturers

CEDBR,
but
inspired
by
WIRE
event)

CEDBR 5/4/2015 Wichita Business Journal on-line Wichita aerospace supplier seeks tax abatement for expansion plans

CEDBR 5/5/2015 Kansas.com Aging manufacturing workforce subject of WSU seminar on Wednesday

CEDBR 5/13/2015 kwch.com How much would tax proposal cost you?

Jeremy 5/13/2015 kwch.com How much would tax proposal cost you?

CEDBR 5/18/2015 WSU News 2015 Updated Kansas Employment Forecast released

CEDBR 5/18/2015 WSU News 2015 Updated Wichita Employment Forecast released

CEDBR 5/18/2015 Kansas.com Report: Job growth in Kansas continues to lag nation

CEDBR 5/18/2015 Kake.com Report: Kansas employment growth lags nation

CEDBR 5/18/2015 WIBW.com Report: Kansas employment growth lags nation

CEDBR 5/18/2015 Emporiagazette.com Report: Kansas employment growth lags nation

CEDBR 5/18/2015 Salinapost.com Report: Kansas employment growth lags nation

CEDBR 5/18/2015 Topeka Capital Journal on-line Kansas employment predicted to grow 1.4 percent this year

Jeremy 5/18/2015 Topeka Capital Journal on-line Kansas employment predicted to grow 1.4 percent this year

CEDBR 5/18/2015 Kansas Public Radio (KPR) Online Report: Kansas Employment Growth Lags

CEDBR 5/18/2015 KMUW.org Report: Nation Outpaces Kansas in Job Growth

CEDBR 5/18/2015 KNSS 1330 Radio Kansas job growth lags behind nation

CEDBR 5/18/2015 KSN.com Report: Kansas employment growth lags nation

CEDBR 5/18/2015 KSNT.com Report: Kansas employment growth lags nation

CEDBR	5/18/2015	LJWorld.com (Lawrence Journal-World)	Report: Kansas employment growth lags nation
CEDBR	5/18/2015	Wichita Business Journal on-line	Wichita State economists reduce local jobs growth projection with revised forecast
CEDBR	5/18/2015	Kansas.com	Wichita State forecast: Wichita job growth downgraded to about 2,500 for 2015
Jeremy	5/18/2015	Kansas.com	Wichita State forecast: Wichita job growth downgraded to about 2,500 for 2015
CEDBR	5/18/2015	Kansascity.com (Kansas City Star)	Report: Kansas job growth lags nation
CEDBR	5/18/2015	KSN.com	Kansas job projections downgraded
Jeremy	5/18/2015	KSN.com	Kansas job projections downgraded
CEDBR	5/19/2015	NWKSradio.com (Rocking M Radio)	WSU Report Says Employment Lagging in KS
CEDBR	5/20/2015	WSU Today	2015 Updated Wichita Employment Forecast released
CEDBR	5/21/2015	WSU Today	2015 Updated Kansas Employment Forecast released
Jeremy	5/26/2015	Kansas.com	Weekend storms push Wichita into No.3 spot for most rain in May
CEDBR	5/26/2015	Kansas.com	Weekend storms push Wichita into No.3 spot for most rain in May
CEDBR	5/28/2015	kansas.com	Income mobility better for kids from rural counties, study finds
Jeremy	5/28/2015	kansas.com	Income mobility better for kids from rural counties, study finds
CEDBR	6/2/2015	kwch.com	Costco to impact Wichita economy
CEDBR	6/2/2015	kwch.com	Costco to impact Wichita economy
CEDBR	6/5/2015	Wichita Business Journal	From Kansas to Cuba
Jeremy	6/5/2015	Wichita Business Journal	From Kansas to Cuba
CEDBR	6/5/2015	Wichita Business journal	Lifting the Cuban embargo faces obstacles in Washington
Jeremy	6/5/2015	Wichita Business journal	Lifting the Cuban embargo faces obstacles in Washington
CEDBR	6/10/2015	Wichita Eagle on-line	Koch reports gains in U.S. employment
CEDBR	6/12/2015	Salina Journal	Airport hires Docking Institute for study
CEDBR	6/11/2015	Kansas.com	Kansas 2014 growth falls below national average
Jeremy	6/11/2015	Kansas.com	Kansas 2014 growth falls below national average
CEDBR	6/25/2015	www.kake.com	Derby Recreation Center increases wages for part-time employees
Jeremy	6/25/2015	www.kake.com	Derby Recreation Center increases wages for part-time employees
CEDBR	7/4/2015	Topeka Capital Journal on-line	Kansas lags on job growth, doing well on unemployment

Jeremy	7/4/2015	Topeka Capital Journal on-line	Kansas lags on job growth, doing well on unemployment
CEDBR	7/6/2015	Kansas.com	Kansas isn't joining 14 states poised to raise minimum wage
Jeremy	7/6/2015	Kansas.com	Kansas isn't joining 14 states poised to raise minimum wage
Jeremy	7/17/2015	Wichita Business Journal	The hot spots: Where Wichita can look for job gains
CEDBR	7/17/2015	Wichita Business Journal	The hot spots: Where Wichita can look for job gains
CEDBR	7/17/2015	Wichita Business Journal	Job gains, losses: The good, the bad and the ugly
Jeremy	7/17/2015	Wichita Business Journal	Job gains, losses: The good, the bad and the ugly
CEDBR	7/17/2015	Wichita Business Journal	Crafting a plan to rebuild Wichita's economy
Jeremy	7/17/2015	Wichita Business Journal	Crafting a plan to rebuild Wichita's economy
CEDBR	7/18/2015	Topeka Capital Journal on-line	Data raises questions about how many Kansans make a living wage
Jeremy	7/18/2015	Topeka Capital Journal on-line	Data raises questions about how many Kansans make a living wage
CEDBR	7/21/2015	Wichita State News	Chief economists from Bank of the West and Stewart Title to speak at economic outlook conference
CEDBR	7/21/2015	Wichita Eagle on-line	Economic outlook conference speakers announced
CEDBR	7/23/2-15	Wichita State News	Chief economists from Bank of the West and Stewart Title to speak at economic outlook conference