1. Cultural Awareness Series  **GRANTED: $20,000**

Through the College of Humanities and Fine Arts a series of cultural awareness activities were conducted throughout the region. A part-time Outreach Coordinator was hired to oversee the activities while working with faculty, staff, students and regional art providers. The activities included:

1. Celebration of Music – On September 24, over 800 individuals from the region attended a free concert at the Carson Center involving 300 MSU student performers, 23 faculty and 14 administrators showcasing various forms of music. Area band directors and students from the service region were invited to attend.
2. Visit by Prof. Randall Black – On November 6, Dr. Randall Black spoke with two choirs of approximately 50 students at Graves Co. High School.
3. Visit by Dr. Sonya Baker– On October 30, approximately 15 students at Cooper Whiteside school in Paducah were counseled on studying humanities and arts in college.
4. Visit by Dr. John Dressler – On November 30, approximately 15 band students were visited at Henderson Co. High School.
5. Visit by Dr. Sue Sroda – On November 23, students from Murray High School were counseled on college/career advice.
6. ESL Tutoring Program –On November 29, MSU faculty and students of the ESL program visited with 8 teachers at Mayfield Elementary School in Graves County and observed classes to set up a tutoring program for the school. The tutoring program has continued throughout the year with 7 MSU students participating.
7. World AIDS Day – On December 1, Dr. Patrick Evans, a guest artist led a liturgy at the First Presbyterian Church for 50 individuals in Murray with a reception sponsored by a number of area churches. The following day, Dr. Evans traveled the following day to Graves Co. High School to speak to a group of approximately 175 students.
8. Trumpet Ensemble Performance – On December 12, a group of seven trumpet majors traveled to Henderson and Caldwell Counties to perform for high school band, choir and humanities classes. Approximately 60 high school students participated.
9. Visit by Chris Crutcher – On January 25 & 26, young adult writer, Chris Crutcher, visited with 60 individuals at the university and 200 students at Marshall Co. High School. He conducted a book signing and talked about the importance of writing. Additionally, he was interviewed for both radio and TV stations, reaching countless listeners in our region.
10. Shakespeare Festival – During the week of February 21 – 24, 1,111 students from 11 schools in Carlisle, Crittenden, Graves, Webster, Trigg, Hopkins, Lyon, Calloway and Marshall counties attended a free performance of Romeo and Juliet in Lovett Auditorium performed by the American Shakespeare Center out of Stanton, VA. Additionally, MSU faculty and students prepared teaching materials related to the performance which were sent to all invited high schools and MSU faculty visited schools in Hopkins, Trigg and Murray high schools in preparation for their visit to the show.
11. Artworks Presentation – On February 24, approximately 165 8th graders at James Madison School in Hopkins County, viewed a career video published by the College and attended a general session about attending college and the career opportunities available to those who major in the arts and humanities. Additionally, all students participated in two hand-on arts workshops with MSU faculty in the areas of creative writing, art, music, and
12. Harry Pickens – On March 10 & 11, jazz pianist Harry Pickens met with approximately 40 students in the MSU jazz band and creative writing classes, presented an interdisciplinary recital that evening before 100 people and visited classes at Madisonville North Hopkins High School where he met with 110 students.

13. Jazz Festival – On March 11 & 13, MSU Jazz Festival had 12 school jazz bands in attendance (approximately 220 students), including students from our regional counties of: Calloway, Graves, Trigg, McCracken, Marshall, Caldwell, and Hopkins. Transportation grants were offered to Trigg and Graves counties. The festival included workshops and performances with the renowned Jamey Aebersold Quartet. Additionally, the Kentucky Music Educators Association All-First District jazz band performed.

14. “Books & A Beat” – On March 27, MSU music students and the Calloway County Public Library presented a musical story time and instrument petting zoo with Laynie Alba Mitchell. Approximately 45 students attended and there are plans to reproduce this event in Graves and Marshall county public libraries.

15. Kentucky Humanities Chautauqua Fellow – On March 31, MSU Professor Bolin and the Chautauqua Fellow playing Adolph Rupp traveled to Mayfield High School to offer a historical presentation for 100 junior students. They also offered a free presentation on campus in Racer Arena geared toward life skills of student athletes to approximately 70 individuals from all ages in the community.

16. Dabble Day – On April 17, MSU art students and the Murray Art Guild presented a program to create your own story box with Debi Henry Danielson and Laynie Alba Mitchell.

17. A HFA Video was produced outlining the reasons to go to college including the skills acquired and job opportunities available to those who major in the arts and humanities. The video is being sent to guidance counselors at all middle and high schools in the 18 counties.

18. Laynie Mitchell has created and continues to update a calendar of arts and cultural venues in the 18 counties which is promoted to the region on the MSU website. Additionally Dr. John Fannin visited high schools in five counties in the region: Calloway, Henderson, McCracken, Marshall and Trigg to talk about going to college.

2. STEM Initiatives  GRANTED: $80,000

Last year, the College of Science Engineering and Technology hired Dr. Carrie Cox as an Outreach Coordinator to help promote STEM initiatives in the region. The following activities were conducted in the region this year.

1. Math Mentorship Program – Dr. Renee Fister, Chair of the Math Department initiated a math mentoring program at Southwest Elementary. The project involved 8 teachers and 6 students.

2. Science Day – On October 14, the Geosciences and Hancock Biological Station offered hands-on activities at the Caldwell Co. Science Day for 100 fourth graders.

3. Boy and Girl Scout Days – On November 7, the Boy Scout Merit Badge Day was hosted on campus with 250 boy scouts attending from 12 counties and three states. On February 6, the Girl Scout Day was hosted with 30 girl scouts attending.

4. Networks to Go – Through an AT&T grant secured with regional stewardship funds and the Department of Telecommunication Systems Management, a traveling lab was purchased and made available to teachers in the region as a hands-on teaching tool for network technology. 12 high school students at Marshall Co. Tech Center, 97 middle school students at Providence Elementary in Webster County, and 320 4th grade students from Calloway Co. and Murray Middle schools were visited.
5. Girls in Engineering Day – In October, working with 110 high school girls in the region, the College and Gear Up offered tours and hands-on activities involving all the STEM initiatives on campus to the counties of Logan, Webster, Christian, and Graves. In addition, on February 18th the College hosted an event at Calloway and Murray Middle Schools to 150 6th grade girls and on March 12, the Society of Women Engineers went to Graves County for the day and met with 198 7th grade students.

6. Racer Engineering Challenge – A teacher workshop was conducted in November by Dr. Jamie Rogers to 22 instructors to prepare students on how to build trusses and water propelled cars for the competition.

7. Wonders of Physics Traveling Exhibit – Working in conjunction with the Calloway Co. Conservation District, during the week of January 25-29, a fun engaging educational demonstration was offered by the University of Wisconsin to schools in the region. Over 4,000 students were exposed to the elements of physics in the world around them in the counties of Calloway, Graves, Marshall, Fulton, Hickman, and Carlisle.

8. JET Teams Competition – TEAMS is an annual theme-based competition giving students the chance to discover engineering through the practical applications of math and science. On February 27, Dr. Thiede lined up 4 schools from Muhlenburg, Graves, Calloway and Marshall counties and 8 teams to compete.

9. Project Lead the Way – On March 6, 120 middle and high school students from PLW schools in Trigg, Marshall, Calloway, McCracken, Lyon, Webster, Hopkins, Graves and Christian counties participated in the WKTEA Region Engineering and Design Competition.

10. CSET Field Day – On May 12, approximately 360 7th graders from Calloway and Murray middle schools were on campus for the day to explore all engineering fields.

In addition, an articulation agreement with Madisonville Community College Advanced Industrial Integrated Technology Program was developed to build a 2+2 program in engineering as well as create an “Institute for Manufacturing Workforce Development”.

3. Project ACCESS

GRANTED: $20,000

1. Through the School of Agricultural, Project ACCESS has strengthened linkages to regional high school programs and increased the number of students pursuing postsecondary education in the food and agricultural sciences. Dwayne Vinson was hired to fill a full-time temporary joint adjunct faculty position with MSU and HCC to develop a 2 + 2 program. In addition to curriculum development, the new bridge program has initiated interest and we currently have 6 high school students enrolled in the program. Dwayne has personally visited with 675 high school students in 10 counties in the Pennyrile area. He also works closely with the schools who participate in FFA.

2. A Regional Precision Agriculture Seminar was held on November 18 at the Regional Exposition Center in Murray. 11 companies and 166 individuals from the region attended the event. Sixteen sessions were presented on various topics in precision agriculture.

3. Regional Stewardship also supported a Delta Regional Feasibility Study conducted by BioWorks to help farmers in the region capitalize on biobased product opportunities. An implementation meeting was held on September 15 & 16 in conjunction with the Purchase Area Development District. 30 individuals attended and learned of alternative fuels available for the region.
The School Administrators’ Leadership Academy was an extension of the New Principal’s Mentor Program and New Superintendent’s Leadership Academy that were funded last year. By combining the two initiatives, a continuum of professional development activities were provided by the West Kentucky Educational Cooperative and the College of Education, Murray State University, Department of Educational Studies, Leadership and Counseling, to new, early, and experienced career administrators in the 27 school districts in the 18-county service region. Innovative technology was used to provide electronic access to personnel in the twenty seven (27) participating districts in order to provide both convenient access and to allow for individualization of response and reflection. All twenty-seven participating superintendents received license access to PD 360, an on-line professional development service. Through the superintendent subscriptions all administrators in the service region gained access, for a period of one full year, to the thousands of streamed videos and other supportive materials provided through PD 360. The professional training events offered under the grant centered around ideas and concepts imbedded in Leading by Learning: How to Transform Schools into Learning Organizations by Dr. Phillip C. Schlechty. All twenty-seven (27) superintendents in the 18 county service region received copies of this work and were offered additional copies for interested participating district and school level administrators. The training series included the following sessions and activities customized for the needs of the specific administrator role groups:

1. **Hearts, Minds & Tweets: Leading and Learning in the Age of Educational Alternatives**, a session led by Dr. Jim Garver on September 28, 2009

2. **Leading for Learning; Transforming Schools and Districts**, a session led by Dr. John Wilson on December 14, 2009.

3. **Thriving in the First Year of the Principalship**, a WebEx panel discussion held on October 21, 2009 and led by Dr. Robert Lyons and selected regional practitioners.

4. **Developing School Culture**, a session held on November 9, 2009, led by Dr. Robert Lyons and selected regional practitioners.

5. **Assessment & Accountability in the Information Age**, A Web Ex seminar moderated by Dr. Robert Lyons, held on December 9, 2009

6. **Enhancing Instruction Through Personnel Management**, a Web Ex panel discussion, held on January 20, 2010, moderated by Dr. Robert Lyons and featuring selected regional practitioners.

7. **Enhancing Instruction Through Effective Resource Allocation**, a session held on February 5, 2010 featuring selected regional practitioners

8. **A Virtual Discussion Seminar** moderated by Dr. John C. Settle held on December 11, 2009

9. **A Virtual Discussion Seminar** moderated by Dr. John C. Settle held on January 21, 2010

10. **On-going mentoring activities for new and inexperience school and district-based administrators**. Each participating administrator assigned a mentor who provided a minimum of twenty (20) hours of professional guidance. This activity facilitated and monitored by Dr. Robert Lyons

11. **Leading for Learning: A day with Dr. Phillip C. Schlechty**, a professional development event planned for April 16, 2010

A total of fifty-seven (57) school administrators have participated in all, or part, of the comprehensive activities provided for the eighteen counties and twenty-seven school districts in the service region. The workshops received positive ratings and some of the comments about what was most useful included: the value of collegial interaction, the exploration of systematic procedures used to determine data analysis, the value of professional reflection and illumination of exemplary practice and the use of data maps and walkthroughs.
5. Center for Entrepreneurship  GRANTED: $30,000

1. The College of Business hosted the second annual entrepreneurship conference. The Extreme Entrepreneurship Tour, an action packed program, brought in young entrepreneurs to encourage individuals to think about starting their own businesses. The event held on campus March 15 and was attended by approximately 300 individuals in the region.

2. The Center for Economic Education also hosted several teacher workshops on entrepreneurship education in the region at local K-12 schools. These teachers used the materials from the workshop to have their students compete in an entrepreneurship competition on May 12 on campus. Last year, Tina Hayes from Farley Elementary was selected as National Economics Educator of the Year as a result of this work.

3. Regional grant funds purchased computer software for a social media consulting class. This class directed by Dr. Fred Miller is working with five regional businesses to help them increase market share profits, hire more workers, and promote their businesses through the use of social media. The three project areas are: Market Area Profiling, Customer/Client/Donor Targeting, and Customer/Client/Donor Profiling. This software is also being used to produce demographic, socioeconomic and consumer expenditure data for the region and is available on the Entrepreneurship Demographic Maps website.

4. Project Leadership – On October 1, the College of Business in cooperation with the Office of Recruitment hosted 450 high schools students from 10 counties on-campus for a series of leadership development skills.

6. Regional Grant Writer  GRANTED: $20,000

In January 2009, a part-time temporary Administrative Grant Assistant, Bentley Utgaard, was hired to assist the Office of Regional Stewardship and Outreach in administering grant funds. In addition to overseeing the account balances, the office hosted in conjunction with the West Kentucky Educational Coop a grant writing workshop on October 29. The workshop was conducted by Johna Rodgers from Owensboro and involved 18 individuals from the region.

7. Middle and High School Mathematics Improvement Project NEW GRANTED: $47,000

This new proposal submitted by the West Kentucky Educational Cooperative to address the declining trend in student math achievement from elementary to middle school and on into high school was designed to train math scholars through conduct research-based professional development activities. Sixty teachers representing twenty-five school districts from 17 counties attended the six full day sessions in Eddyville, KY. The development sessions were reported to be an overwhelming success by the teachers who attended as well as the efficacy numbers. From September 24 to January 13 efficacy in student engagement increased from 6.4 to 6.8, efficacy in instructional strategies increased from 6.9 to 7.5 and efficacy in classroom management increased from 7.1 to 7.2. Participating teachers received a free copy of Mathematics Tools for Teachers by John Brunsting and Dr. James Polzin. They also identified, through a testing procedure, their individual learning style and the impact of that style on instruction in the classroom.

8. Creating a Rural Children’s Health/Education Service NEW GRANTED: $21,000

This program began the coordination of a pilot project which will improve access to quality health services, education and system referral for underserved children in the service region. Working with the Purchase AHEC and the West Kentucky Children’s Health Coalition, a Project Coordinator was hired through the College of Health Science and Human Services to
establish relationships with school officials, Head Starts and Family Resource Centers and become actively involved in health education initiatives. To date the following visits have been made in the region:

- Fulton County – 25 Vocational Training (High School)
- Graves County – 40 Cardiac Event (Central Elementary)
- Carlisle County – 60 Dental Sealant Program (Carlisle Co. Elementary)
- Hickman County – 10 Career Fair (Hickman Co. High School)
- Graves County – 78 Dental Sealant Program (Mayfield Middle School)
- Graves County – 20 Cardiac Event (Symsonia Elementary)
- Graves County – 24 Cardiac Event (Farmington Elementary)
- Lyon County – 46 Dental Sealants (Lyon Co. Elementary & Middle)
- Livingston County – 45 Cardiac Event (Livingston Elementary)
- Trigg County – 111 Fluoride Treatments (Trigg Co. Elementary)
- Graves County – 30 Vocational Training (Graves Co. High School)
- McCracken County – 40 Dental Sealant Program (McNabb Elementary)
- McCracken County – 47 Dental Sealant Program (Hendron/Lone Oak Elementary)
- McCracken County – 28 Vision & Hearing Screenings (Morgan Elementary)
- McCracken County – 16 Cardiac Event (Clark Elementary)
- Calloway County – 118 Tiger Fit Club (Murray Elementary)

Additional Leveraged Projects:

1. Picturing America – Through a grant from the National Endowment for Humanities MSU has placed over 60 art rendering kits in schools and libraries in the service region. Constance Alexander with the Teacher Quality Institute has worked with several schools to conduct workshops and training on how to incorporate the art work into the curriculum.

2. The Big Read – Through a grant from the National Endowment for the Arts and the Carson Center in Paducah, MSU was able to partner with McCracken Co. to offer activities to residents in the region designed to promote reading.

3. Graduate Kentucky – MSU was asked by the Governor's Dropout Prevention Task Force to host a summit on February 18. First Lady of Kentucky, Jane Beshear and First Lady of MSU, Ronda Dunn co-hosted "Graduate Kentucky: A Community Approach, A Regional Dropout Prevention Summit". This event attracted 164 individuals

4. Learn and Serve America – A 20,000 federal grant called “Pay It Forward” was secured from the Federal Learn and Serve America through Kentucky Campus Compact to be used as seed money to teach students about philanthropy. This grant was used in two YNL classes during the spring semester to re-grant money back into the community. 12 United Way agencies in Calloway County received $1,000 dollar checks each from the grant.