

**Grant Activity FY06 (7/1/05 - 6/30/06)
New Grants Submitted in FY06**

Revised 7/6/2007

Funding Source/Project Title/CFDA #	KCC Project Director	Annual Funding	Total Award Amount	Grant Start Date	Grant Expiration Date	Date Submitted	Date Notified	Pending (P); Funded (F) Not Funded (NF) Dropped (D)
Dept of Education								
Increasing Enrollment & Retention of Underrepresented Racial/Ethnic Minority Students	Wendy Lingo	\$5,000	\$5,000	11/29/05	6/30/06	10/31/05	11/8/05	F
Pilot project will focus on identifying & enrolling at least 26 under-represented, 1st yr, racial/ethnic students in College 101; documenting the work and success of those students to ensure a 90% success rate; tracking the success of the students throughout their course of study at KCC; and comparing the retention statistics of the students in this cohort with KCC retention statistics of all students and students identified as members of minority racial/ethnic groups who have not participated in College 101.								
Increasing Enrollment & Retention of Students in Nontraditional Careers - Women in Industrial Technologies	Angela Gillis	\$7,000	\$7,000	11/29/05	6/30/06	10/31/05	11/8/05	F
Focus is linked to KCC's support of (1) 13 Career Edge Academies, five of which provide dual-enrollment and college credit for the satisfactory completion of Academy courses in KCC Industrial Tech Dept. (2) the Workplace Learning Connection which coordinates arrangements for career explorations for high school students throughout KCC's 7 county service area; (3) Project Lead the Way-the nationally recognized pre-engineering curriculum implemented this fall in 3 Cedar Rapids middle schools and 2 high schools. PLTW emphasizes the importance of engaging students (particularly young women) early and often with activities-based projects and career exploration.								
CCAMPIS "Kirkwood Kids — Kirkwood Cares"/CFDA #84.335A	Johnna Haggerty	\$111,241	\$444,964	9/16/2006	9/15/2010	7/22/2005	9/29/2005	P
Note: If funded, this will be a FY07 project. Included here for tracking purposes. This is a requested continuing of the current CCAMPIS (Child Care Access Means Parents in School) grant (Kirkwood's current, successful CCAMPIS project (PR/Award Number P335A020006; 9/16/02 - 9/15/06) has supported a program serving more than 100 enrolled children ranging in ages from 10 weeks to six years; has provided financial support to 32 qualified families; and enabled student parents who might have been unable to continue their education (because of unmet child care needs) to complete their degree requirements.) The current request will enable Kirkwood to: (1) create a second full-time lead teacher position from a position that is currently part-time, (2) fund two part-time classroom/one-on-one aides to provide specialized services for children with special needs or who require special services, and (3) continue to provide financial support for low-income students who qualify for child care assistance based on the Center's sliding fee scale (forty-five percent of the grant funds will be allocated for this purpose). Even though Kirkwood's current grant does not expire until 2006, ED required early application because of funding uncertainties related to the required reauthorization of the Higher Education Act.								

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Dept of Homeland Security - Office of Domestic Preparedness								
Avian Flu Response - Agriculture Infrastructure Protection through Avian Influenza Response Training	Doug Feil	\$3,331,371	\$3,331,371	10/1/06	9/30/09	6/30/06		F
Kirkwood Community College, a current DHS competitive training grantee submits this application on behalf of three-quarters of this country where agriculture is key to economic survival, representing over a billion dollars in state sales in 2002 alone. The purpose of the project is to train responders to rapidly deploy resources under the direction of state veterinarians to protect producers and consumers from the devastation that may come from an outbreak of Avian Influenza in bird and animal populations. Particularly relevant to this proposal, Iowa is part of a major route for migrating birds. Nearly 40 percent of North America's waterfowl migrate along the Mississippi River, including 11 million ducks and geese each year. Iowa is the country's leading producer of eggs and hogs. An Avian Influenza outbreak will have huge economic impact here. Kirkwood will use as a model its existing AgTerrorism training program, which has been vetted and approved by the Department of Homeland Security, as a vehicle to provide rapid and effective AI training to the responder community, the target population for this training.								
Ag Terror Response - Integrated, Multijurisdictional Training and Planning for All Hazard Agriculture Emergency Response	Pat Berntsen	\$1,655,221	\$4,965,664	1/2/07	12/31/10	5/31/06		NF
This project will use two successful, DHS grant-funded programs to deliver training to state and local agency personnel. Training will provide: 1) a high-level understanding of agriculture emergency response; and 2) the specific skills necessary for creation of plans in response to an agriculture emergency. This training will focus on supporting the agriculture planning initiatives identified within the National Preparedness Goal, DHS's Planning Scenario 14, and tasks associated with scenario 14. Specifically, training will address the priorities of ESF #11, Food and Agriculture Safety and Defense and associated capabilities identified on the DHS Targeted								
Ag Terror Response Continuation/CFDA #97.068	Doug Feil	\$250,000	\$250,000	10/1/06	9/30/07	7/11/06	9/29/2006	F
The AgTerrorism Preparedness Center will successfully deliver scenario-based AgTerrorism response courses to first responders and their training officers using the instructional capability of (1) the 125-member Community College Consortium for Health and Safety Training (CCCHST), funded by NIEHS since 1992 to deliver hazardous materials training; (2) the AgrowKnowledge Center, funded by NSF since 2001 to support the nation's agriculture technology instructors; (3) state departments of agriculture, guided by the National Association of State Departments of Agriculture (NASDA); and, (4) trainers for agriculture business and industry								

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Department of Labor, Business Relations								
Reduce Emissions, Improve Drivers Ed, Reduce Threats, Save Money (IdleAire)	Doug Feil					9/23/05		D
<p>Note: KCC is subcontract on project.</p> <p>Submitted to the Dept of Labor for \$2.1 million by the Driver Ed and Idling Reduction Foundation (DEIRF). Kirkwood and other potential subcontractors (including Global Environmental & Technology Foundation, MDB, Inc., Front Range Community College, and Colorado State University) are partners in this application to design and implement a ground-breaking distance learning initiative to train incumbent truckers to operate vehicles more safely and securely, particularly in the appropriate handling of hazardous materials. Partners will develop curriculum. DEIRF proposes to deliver content to truckers at designated truck stops using technology developed by IdleAire, a privately-held corporation in Knoxville, TN at designated test sites-most likely in Colorado and Iowa.</p>								

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National Institute of Health (NIEHS) SBIR								
"Product Specific DVDs for the Health & Safety Market"/CFDA #93.113, 93.115, and 93.143. Note: KCC is subcontract on project.	Doug Feil	\$40,645	\$40,645	4/1/06	3/31/07	8/17/05	N/A	NF
New Leaf Interactive Media and Kirkwood (Hazardous Materials Training and Research Institute [HMTRI]) developed and delivered training DVDs during a Phase I NIEHS/SBIR project. The current application is for Phase II funding to create additional DVD-based training materials which: (1) will accompany specific products; (2) provide just-in-time information and are usable on-site; (3) include a Spanish language track; and (4) include web-linking capability for access to additional information. The DVDs will support training for specific products, and will be marketed directly to the manufacturers of those products. Phase II training DVDs will be developed for: (1) 3M full-face and half-face respirators; (2) MSA PID Photo-ionizing detector/toxic gas monitors; (3) Midland Emergency Kits for leaking railroad tank ar valves and fittings.								
Worker Health and Safety Training Cooperative Agreement (HWWT) Katrina Supplemental Fund– Ted Outwater, Program Officer	Doug Feil	\$220,000	\$220,000	10/12/05	11/19/05	10/12/05	11/4/05	F
Supplemental funding will provide support for five health and safety training specialists, who are qualified to develop and deliver high quality Katrina response related health & safety education and training to: federal employees, federal contractors; and, workers associated with other federally funded assets. Trainers will be available 24-hours per day, Monday thru Saturday, to deliver OSHA approved Safety Awareness, FA/CPR/AED, Defensive Driving and Workzone Safety at all Disaster Recovery Zones (DRZs) managed by the Biloxi, MI Joint Field Office. Training specialists are also qualified and can deliver OSHA 500, 510, 7600, HaxWoper, Confined Space, Respiratory Protection, and other health and safety education and training programs.								
"Mississippi Katrina Response Training" (MS-KaRT)	Doug Feil	\$450,000	\$600,000	1/15/06	6/30/06	11/28/05	2/10/06	F
The Hazardous Materials Training and Research Institute and its Community college Consortium for Health and Safety Training propose to protect the health and safety of federal employees and federally-deployed contractors (federal assets) who are engaged in Mississippi Gulf clean-up by: (1) continuing to provide NIEHS-sponsored Katrina-response training that meets needs identified in OSHA's Worker Safety and Health Support Annex to the National Response Plan; and, (2) by serving as the Coordinator for all NIEHS-support training occurring in Mississippi. The HMTRI/CCCHST Mississippi Katrina-Response training team consists of a full-time Training Manager/trainer, a full-time Site Coordinator/trainer, a full-time Curriculum Designer/trainer, and several part-time trainers. The Training Manager will work with FEMA, OSHA, and U.S. Army Corps of Engineers (USACE) officials at the Biloxi and Jackson JFOs to identify the training needs of federal agencies and federally-deployed contractors in Mississippi. The Curriculum Designer will prepare curriculum and power points and post them to the NIEHS Clearinghouse to be used by all awardees. The Site Coordinator will log all training requests and notify the NIEHS Point-of-Contact and other NIEHS trainers in Mississippi of training assignments. In a one month period mid-November 2005, a total 659 federal assets were trained by HMTRI/CCCHST.								

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National Science Foundation								
Science, Technology, Engineering, and Mathematics (STEM) Scholars Program	David Keller	\$125,000	\$500,000	1/8/07	12/31/10	4/12/06	9/26/06	F
Kirkwood Community College requests the \$125,000 maximum allowance for each of four years to fund approximately 41 scholarships ranging from \$1,000 up to \$10,000 each year. The annual amount includes the allowable percentages for administration and student support services. The goal of the <i>STEM Scholars Program</i> is to "increase the number of successful STEM majors." The project objectives are to: A) identify and recruit qualified students who meet S-STEM criteria into the <i>STEM Scholars Program</i> . B) Engage <i>STEM Scholars</i> in experiences to improve motivation and persistence. C) Provide comprehensive support services including professional tutoring, career counseling, and assistance securing job and/or academic program placement. D) Evaluate and disseminate information about the <i>STEM Scholars Program</i> .								
NSF ATE Project: Homeland Security Technology Curriculum Development & Dissemination	Cynthia Root	\$274,822	\$874,822	5/1/07	5/30/10	4/25/06		D
Building on its nationally recognized expertise and working with established consortia, Kirkwood Community College will develop, test, and disseminate a minimum of five (5) new digital courses in anti-terror and security, surveillance, monitoring, and analytical technologies that can be used in multiple disciplines in community college credit programs.								
NSF ATE Project: Inquiry Based Approach for use of Digital Media in Biology Lab Exercises	Rick Parker	\$143,223	\$286,881	5/1/07	5/30/09	4/25/06		D
AgrowKnowledge, with the assistance of Biolink and Pellet Productions, will create a series of digital media and supplemental materials to enhance a non-traditional instructor's use of biotechnology laboratory exercises for scientific inquiry. The digital media will include videos that provide visual details on proper laboratory techniques and interactive graphic animations for simulated viewing of biological processes. Supplemental material will include troubleshooting scenarios that require students to think critically about, and to use inquiry techniques to determine, correct outcomes.								
Kirkwood's System for Integrated Technological Education (SITE)	Phil Thomas	\$89,594	\$890,594	7/1/06	6/30/09	10/18/05	2/13/06	NF
KCC, in collaboration with K-12, University, & private sector partners, will provide leadership to ensure students are recruited/prepared for emerging, high-demand, advanced technology positions identified by regional employers in advanced manufacturing, biotechnology, & alternative energy.								

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Iowa Department of Economic Development								
Career Link - Michael Brown, Director	Kim Johnson	\$102,561	\$202,561	1/15/06	12/31/07	1/18/06	6/28/06	F
<p>This project will meet the unmet training needs of Region 10 employers in general and Jones County employers specifically, through development and delivery of a highly replicable Career Welding Program. The project is designed to provide pre-employment training to 60 low-to-moderate income participants, primarily from Jones County, with skills in the areas of special technical skills, essential skills, job obtainment, job transition, and job retention. This project will result in 88 percent of program</p>								
Iowa Department of Education								
Joint Planning & Alignment Activity for High Schools, Community Colleges, Four-Year-Institutions, Biotechnology Industry Representatives, and Employers in Bioscience/Biotechnology Course Offerings	Bob Driggs	\$2,750	\$5,500	6/1/06	8/31/08	3/31/06	5/11/06	F
<p>Kirkwood is committed to continually strengthening its K-12 partnerships. It is essential for the College to involve K-12 partners in discussions about the proposed biotechnology curriculum; the context in which that curriculum evolved; its significance as a component in the catalyst for high school curriculum and faculty development; and the many implications related to the complex issues of student motivation, academic preparation, and career exploration. As part of "phase three" of Kirkwood's biotechnology curriculum development timetable, the College will invite a representative from each of the 41 high schools in Region Ten to Kirkwood to participate in a one-day collegium to review the proposed curriculum and initiate a discussion about the development of a new Biotechnology Career Pathway. The collegium will be offered in June. Incentive grant funds will be used primarily for stipends for the participants.</p>								
Iowa Department of Education - Comprehensive Family Literacy Program	Kay Nebergall	\$15,677	\$24,635	1/3/06	11/1/06	12/2/05	12/22/05	F
<p>KCC will partner with three established Resource Centers, the Iowa City Community School District, and community-based resources to offer a Comprehensive Family Literacy Program to adults and their children who live at the Regency Mobile Home Court, or to adults and their children who attend Horace Mann Elementary School in Iowa City. This Family Literacy Program will help break the cycle of poverty and illiteracy by improving the educational opportunities of foreign-born families in Iowa City. These targeted families are defined by low literacy levels, poverty, and limited English proficiency.</p>								

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Continuation Proposal Application Iowa Community College Family Literacy Program	Kay Nebergall	\$24,500	\$24,500	8/1/06	5/31/07	4/14/06	5/10/06	F
<p>During the first three months of the grant period, a strong foundation has been laid for the Hispanic English Literacy Partnership (HELP) Program of Johnson County. The Local Coordinator and Instructors have been hired and oriented to the Family Literacy model. The Project Director, Local Coordinator, and EL instructors have attended state and local professional development sessions, and planning sessions with school and agency representatives who have been successful in meeting some of the needs of our target population. Since the current grant is funded through December 2006, this second round of funding will enable the HELP Program to continue to provide services at Regency Mobile Home Court (serving parents of children who attend Hills Elementary School) and Forest View Trailer Court (serving parents of children who attend Horace Mann Elementary School) through May 2007. In addition, the HELP Program model will be replicated at Grant Wood Elementary School in Iowa City. For the school year 2006-2007, Grant Wood Elementary School will offer a new EL program to an anticipated 25 students.</p>								
Iowa Department of Public Defense								
Iowa Homeland Security and Emergency Management Division	Doug Feil	\$30,000	\$30,000	12/15/05	4/30/06	12/15/05	12/15/05	F
<p>Memorandum of Understanding with Iowa Homeland Security (HLSEMD) and Kirkwood Community College to help prepare first responders for terrorism and weapons of mass destruction events by offering appropriate Office of Domestic Preparedness approved training.</p>								
Foundation Grants								
Incorporating Improved Dental Hygiene Preventive Services into Long-Term Care; HCR Manor Care Foundation	John MacGegor	\$8,030	\$8,030	7/1/06	1/7/08	3/30/06		F
<p>Kirkwood Community College requests funding from the HCR Manor Care Foundation to purchase two pieces of portable dental equipment, the A-dec PAC 1 Self-contained Unit and the Cavitron Select 25khz Ultrasonic Scaler. This project will launch an improved level of free, on-going oral care provided for residents at the local Manor Care Center. With required authorization of a supervising dentist and under direct supervision of a registered dental hygienist, second-year students in Kirkwood's dental hygiene program will use this equipment at the local Center. They will provide an improved level of free oral care for residents who have consented to this service during each of the six (two-week) clinical rotations at the Center each spring semester. These supervised clinical rotations are part of Kirkwood's required course, Dental Hygiene V, and were established at the Center in 2001.</p>								

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OTHER GRANTS & CONTRACTS & SUBCONTRACTS								
HP Technology for Teaching Grant Initiative - Cooperative Learning through Mobile Computing	Cate Sheller	\$70,000	\$70,000	6/1/06	9/30/07	2/15/06	5/1/06	NF
<p>Students and faculty will have secure, wireless access to documents and applications; collaborate and share digital information; and use the wireless network for web-enhanced e-learning. Ten wireless access points are deployed. Current infrastructure includes: Seven wireless nodes in six buildings on the main campus; two nodes in the Kirkwood Resource Center in downtown Cedar Rapids; and, one node at KTOS (Kirkwood Training and Outreach Services) in Marion. Wireless nodes are available in two classrooms and six administrative areas. Kirkwood is preparing for AQIP (Academic Quality Improvement Project) accreditation through the North Central Association of Colleges and Schools/Higher Learning Commission. A plan for improving access to mobile technology and supporting innovation (planned and evaluated use of technology to improve the efficiency and effectiveness of teaching and learning) are AQIP agenda items. Kirkwood envisions the extension of the wireless network to sites in our seven-county service area. (\$55,000 in equipment;\$15,000 stipend for PI)</p>								
Emergency Response and Crisis Management "PREP: Proactive Emergency Planning"/CFDA #84.184E Note: KCC is subcontractor on project.	Doug Feil	\$124,930	\$249,860	10/1/05	3/31/07	7/28/05	9/29/05	F
<p>Grant Wood Area Education Agency (GWAEA) submitted this application. Kirkwood's Community Training and Response Center will be a subcontractor. The project purpose: assist the administrations of the 176 school buildings in the GWAEA to strengthen and improve their Emergency Response / Crisis Management (ER/CM) plans. The project goal: All 176 schools will be prepared to respond to and recover from a crisis, including domestic or international acts of terror, technological, or natural disasters. There are four measurable objectives, each aligned with one of the four phases of crisis planning as identified by the U.S. Department of Education (Office of Safe and Drug Free Schools): (1) Mitigation/Prevention; (2) Preparedness; (3) Response; (4) Recovery. The participating schools will receive National Incident Management System (NIMS) Training, review and update ER/CM plans, review and update equipment/supply needs, and conduct exercises of their plans in table-top simulation drills using NIMS principles led by PREP's Safety Manager and community partners. By March 2007, four (4) GWAEA Critical Incident Stress Management (CISM) team members will have become certified CISM trainers, and will have prepared 60 individuals across the GWAEA to serve as CISM mental health response team using the CISM system. Kirkwood's Project Co-Director, two safety managers (SM) and an NIMS Trainer will be responsible for attainment of Objectives 1-3. Kirkwood project staff also will provide the training and technical assistance, and help to ensure that parents and the public participate in the project. A Project Steering Committee (representatives of School Administrators, County EMA (Emergency Management Agency) officials, Law Enforcement Agencies, Parents, Government, Health/Mental Health professionals) will provide oversight for the project.</p>								

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University of Nebraska Medical Center Distance Based Educational Modules CFDA# 93.283	Cynthia Root	\$14,745	\$14,745	12/12/05	6/30/06	12/9/05	12/22/05	F
Kirkwood will provide Anthony Sambol, University of Nebraska Medical Center, three distance-based CBE/SAHR education modules for laboratorians. Each of the three modules will be designed and developed to allow CEU's to be granted from organizations such as the American Society of Microbiology and/or the American Society of Clinical Pathology as well as by the UNMC College of Continuing Education. - Submitted 11/23/05; Second Proposal was RESUBMITTED 12/9/05								
National Geospatial Technology Resource Center-Monterrey Peninsula College	Terry Brase	\$913	\$913	6/1/06	5/31/07	10/18/05	3/22/06	F
Primary goal of this project is to develop a vision and plan for a national geospatial technology resource center in order to facilitate the development of curriculum, network technical expertise and serve as a clearinghouse for products and services that will meet the needs of students, educators, government, business and industry across a wide spectrum of disciplines. This project will form a steering committee of leaders in geospatial education to research issues critical to industry and education, hold a national forum to discuss these issues, and publish a report detailing a vision and plan for establishing a national geospatial technology resource center (NGTRC).								
Totals for FY06 Submissions		\$7,097,223	\$13,047,685					