

School of Education & K-16 Linkages

FOSTERING PARTNERSHIPS

Successful National and State Continuing Accreditation Visits

By David Whaley



The positive reports by both teams support what we have known all along ... that programs of initial and advanced educator preparation and the faculty, administration, and candidates at Colorado State University are of the highest caliber and quality.

On November 16-20, 2002, the National Council for Accreditation of Teacher Education (NCATE), and the state agencies, Colorado Commission on Higher Education (CCHE) and the Colorado Department of Education (CDE), conducted a continuing accreditation review of the School of Education's initial and advanced educator preparation programs. These accreditation reviews were successful in their outcomes with very positive results for Colorado State University.

NCATE

The NCATE BOE chair (Mary Harris) reported that the School of Education (SOE) competently met all six NCATE standards for both the initial program and the advanced program of educator preparation. The chair also reported many areas of strengths, including

- the strength of the field experience component,
- the integration of technology across the program,

- the results of the "Bridge" hiring program for faculty,
- the extent of collaboration across campus,
- the use of the Teacher Work Sample,
- the strength of the PDS model and our collaboration with PSD, and many others.

The team was most impressed with the openness of our faculty and students and our responsiveness to their team. They reported that they found our candidates and faculty thoughtful, cordial, and collegial.

CCHE/CDE

The State accreditation team chair (Patty Gettle) reported that the State team recognized the following strengths in the unit:

- The field experience component throughout the program is strong and is infused in an "effortless" fashion.
- The science education program reflects good science teacher candidates and professors.
- The early childhood education program also reflects high quality in its candidates and faculty/teachers.
- The ED 450 course is of high quality.
- There is a very strong collaboration between the P-12 school community and the School of Education.
- The State team was very impressed with the way that literacy is delivered across the education curriculum.
- The State team was very pleased with the infusion of technology.
- The State team was pleased with the number of assessments occurring throughout the unit and with our candidates' skills with assessment.

Although the SOE met all standards for both the national and state agencies, there were a few areas, within the standards, cited for improvement. Efforts to make improvements are currently underway.

The School did exceedingly well – thanks to faculty, campus colleagues, and off-campus colleagues and partners. In reviewing the activities during the five days of on-site accreditation review, there were approximately 36 different sessions, involving over 100 different initial and advanced candidates and approximately 60 different faculty and administrators. These were complex visits, involving on-site visitations to many units on-campus and also four local high schools, three junior highs, one elementary school, and the University's Early Childhood Center.

The positive reports by both teams support what we have known all along ... that programs of initial and advanced educator preparation and the faculty, administration, and candidates at Colorado State University are of the highest caliber and quality. Our colleagues and partners have helped to make this so, and we thank all those involved for their efforts with these visits.

Center for the Study of Learning and Teaching at a Distance

A new research center, called the Center for the Study of Learning and Teaching at a Distance, is now housed in the School of Education. The center builds upon the SOE's intensive involvement in distance education programming by promoting and supporting field distance learning and teaching as a field of scholarly inquiry.

Research conducted under the Center's umbrella is intended to add to the knowledge base about the creation, delivery, and efficacy of distance education courses and programs and make contributions to an emerging field of study. The center start-up is supported by the School of Education, the College of Applied Human Sciences, and the Office of the Vice-President for Research and Information Technology.

The new research center has made a special effort to make connections with other faculty with similar interests across campus. This past fall, the center sponsored a campus-wide Faculty Grant Initiative that solicited research proposals from faculty members across a broad spectrum of disciplines who are currently involved in distance education.

This successful initiative created links with faculty members from the Department of Clinical Sciences, the Department of Soil and Crop Sciences, the Department of Design and Merchandising, the Office of Instructional Services, the Department of Journalism and Technical Communication, and the School of Social Work.

In addition, the center has sponsored occasional papers on subjects related to the center's research agenda, which focuses on research on the faculty role and teaching at a distance; learners and learning at a distance; and program evaluation for distance education.

A recently commissioned study, to be undertaken by faculty and graduate students in the School, will provide a profile of distance education programming on the Colorado State University campus. It will be used as a framework for conducting a similar statewide study next year.

The center's director is Dr. Len Albright and the research coordinator is Dr. Sally Bomotti.



Enduring Today's Challenges

Rick Ginsberg, Ph.D.

Director, School of Education

Nancy Hartley, Ph.D.

Dean, College of Applied Human Sciences

All Americans face challenges today which were unthinkable just a few years ago. With war seemingly imminent, threats of potential terrorist attacks, and budget woes requiring massive cuts in state services and alarming deficits at the federal level, optimistic scenarios for the near future are difficult to imagine. At CSU, where we are confronted with devastating state funding cuts, while also anticipating the appointment of President Albert Yates' replacement, the future is especially uncertain. As Bob Dylan wrote nearly forty years ago, "the times they are a changing." The following are some highlights, many of which you will read about in more detail in this newsletter.

In spite of the anxiety-laden circumstances affecting so many of us, the faculty, staff, and students in the College of Applied Human Sciences have persevered and achieved at remarkably high levels. In the School of Education (SOE), we underwent the first joint accreditation review in Colorado's history by the state of Colorado and NCATE (National Council for the Accreditation of Teacher Education). The review teams both indicated that the CSU programs met all standards, and they highlighted several areas of strength. Our relationships with partner schools were seen as particularly noteworthy. In fact, we subsequently learned that the 1st and 3rd year graduates of CSU's teacher licensure program rated their preparation as the highest of any institution in the state of Colorado on a survey conducted by the Colorado Commission of Higher Education. This comprehensive review asserted what we already knew – that CSU's teacher, counselor, principal, social worker, and occupational therapist licensure programs are innovative, state-of-the-art, and among the strongest in the state and nation.

Recognition of our accomplishments included a ranking of 9th by U.S. News and World Report for the School of Education's vocational/technical programs. This elite recognition underscores the School's efforts to promote innovative approaches, and better ways to serve students, while expanding our knowledge through new research and original program development. For example, the School launched its new Center for the Study of Learning and Teaching at a Distance this past fall, with the goal of examining technology driven instruction and learning. This Center is a natural outgrowth of the efforts the School has pursued to be a leader in distance education, as we already offer several Master's and Ph.D. programs involving multiple teaching methodologies.

"Quite clearly, the uncertainty we all face has not deterred our efforts to excel."

Several of our large grants and contracts deal with cutting edge aspects of teaching and learning for K-12 schools. Our collaboration with Poudre School District continues with numerous projects in the Research and Development Center for the Advancement of Student Learning. Our federally funded, "What Works" grant, led by Brian Cobb utilizing a team of CSU faculty, is examining past research on effective transition programs. Teresa Yohon's two federally funded projects focus on improving instruction in teacher preparation through the use of advanced technology. Jean Lehmann and Tim Davies are working with learning disabled students to assist in their transition to post-secondary education and the workplace. The federally funded Equity Assistance Center provides educators in a six-state region support in dealing with equity-related issues involving race, gender, language, and school violence. These and other funded projects highlight the innovative work underway.

We hope that many of you will be able to join us on April 11 for our annual Spring Conference, where we present an afternoon of professional development sessions and a keynote dinner presentation by Eric Hirsch, the Executive Director of the Colorado Alliance for Quality Teaching. Eric will be discussing the recent rating of C- for teaching in Colorado in the Education Week publication, Quality Counts.

Quite clearly, the uncertainty we all face has not deterred our efforts to excel. As circumstances continue to change, as budget difficulties mount, as the trauma of a world in crisis challenges us all, the School of Education intends to continue its progress and look ahead. We appreciate the support of our alumni and friends and ask you to continue your support and giving to the School during these challenging financial times.

R&D Center Projects Improve Colorado Education

The Research and Development Center for the Advancement of Student Learning is a collaborative partnership between Poudre School District and Colorado State University's College of Applied Human Sciences. The purpose of the Center, co-directed by Brian Cobb and Ann Foster, is to research innovative programs and to determine best practices for teaching and learning in schools. The following are two examples of the many projects taken on by the R & D Center.



Just for the Kids Initiative Evaluates Schools

The R & D Center is currently participating in a multi-state program called Just for the Kids. Programs that rate schools such as the CSAP ratings in Colorado don't take any other factors into consideration besides performance. There are a myriad of factors which can affect outcomes, especially the demographics of the student population. Just for the Kids strives to rank schools taking into account three risk factors – socio-economic status, English language capability, and length of enrollment, allowing for a more fair comparison, since those are factors which can make instruction challenging. 17 school districts in Colorado are participating in the program, and results will be posted on a Web site this spring at www.just4kids.org. An additional phase of the project will look at why certain schools facing the same challenges have performed better than others. What are the educational and organizational practices which contribute to success? Funding for the program has been provided by a three year grant from the Rose Community Foundation totaling more than \$160,000, and \$20,000 grant from the Donnell Kay Foundation, as well as individual school districts who participate in the program.

Block Scheduling Contributes to Improved Learning

The R & D Center recently helped answer a pressing question facing schools – does block scheduling improve student performance? In block scheduling, students are in one class for an hour and a half, instead of just 55 minutes which theoretically contributes to better learning because there is more time to cover material in depth. R & D looked at two types of block scheduling at Blevins Junior High School in Fort Collins: 4x4 and Alternate Day, over a two year period. 4x4 scheduling allows students to take four classes each day instead of the traditional seven, thus they complete four courses in one semester and change to four new courses the next semester. Alternate Day scheduling also allows for four classes each day, but students take eight courses during the year and attend on alternate days. The study found that the students in both types of block scheduling outperformed regular scheduling and alternate day scheduling was better, particularly for lower achieving kids. All in all, the study found that achievement was statistically significant enough to support switching over to block scheduling.

UPCOMING PROGRAMS AND EVENTS

For information about 2003 Summer classes at CSU, see www.summer.colostate.edu/.

CONSUMER AND FAMILY STUDIES RECRUITMENT

The Consumer and Family Studies (CFS) interdepartmental degree program will be hosting the 7th Annual "One for the Future" recruitment campaign on April 7, 2003. High school Consumer and Family Studies teachers are asked to nominate students who show interest and great promise in the area of Consumer and Family Studies to participate in a visit day at Colorado State University, including tours, an overview of the CFS degree program, and a dessert reception. The Colorado Association for Teachers of Family and Consumer Sciences (CATFACS) and the Colorado Association for Family and Consumer Sciences (CAFCS) professional organizations help support the recruitment day. Contact Dr. Dawn Mallette, Consumer and Family Studies, at (970) 491-5319 or mallette@cahs.colostate.edu.

FAMILIES AT FIVE

Families at Five is a community-based seminar series for adults and children that provides practical application of the most recent research on families, parenting, children, and relationships. Families at Five is hosted by the Center for Family and Couple Therapy in the Human Development and Family Studies Department. The seminars are free and open to the community with a Children's Program for ages 3-11.

Upcoming Families at Five Programs

Time: 5:45 p.m. - 6:45 p.m.

Location: 502 West Lake, Gifford Building, CSU Campus, Room 113

NO REGISTRATION NECESSARY- Please call (970) 491-1639 for more information

Building Strong In-Law Relationships

April 3, 2003

Shawna Skillern, M.S., CSU Human Development & Family Studies Alum

From the "To Do" List to the "Done" List: Using Coaching to Conquer Procrastination

May 1, 2003

Sara Sugerma, M.S., MSW, LMFT, Founder of the Great Relationships Education Center

YOUTH SPORT CAMPS

Preparations are underway for the Youth Sport Camps 2003 program. Ten weeks of this day camp program are scheduled for this summer. Camp sessions start Monday, June 2 with Baseball and Super Sports camp. Other activities scheduled for this summer include basketball, soccer, volleyball, softball, in-line hockey, and tennis. Camp staff will again include graduate and undergraduate students from the Department of Health and Exercise Science. For schedule and information call (970) 491-6318 or visit www.cahs.colostate.edu/hes/esscamps.htm.



KIDS IN COLLEGE (KIC)

The College of Applied Human Sciences sponsored "Kids In College" (KIC) this past summer (2002) – the fifth year. One hundred 4th through 8th graders participated in 30 different classes. Seven scholarships were provided for low-income families. Need is established by participation in free or reduced lunch programs. Goals of KIC are to expose younger children to the University, and to the programs and career opportunities of the Colleges. Programs are designed as enrichment and exploration skills and processes to enhance learning and content knowledge in the areas of science, math, art, and technology.

Sessions included: Making Multimedia; Weather Research; ReadSmart®; Little Shop of Physics; Robotics; Portfolio Development for Fashion Design; Cool Kitchen Chemistry; Computer Aided Design for Clothing; Drawing in Perspective; Fun with Chemistry; Digital Photography; Internet How To; Art Exploration; Bully Proofing; and Sign Language.

Summer 2003, for students entering fourth, fifth, and sixth grades, sessions are from 8:30 to 11:30 a.m. and 1:00 to 4:00 p.m., June 23 - 27 and July 14 - 18. For students entering seventh and eighth grades, June 16 - 20.

Detailed schedules and registration materials for KIC 2003 will be available after April 15. Visit our Web site at www.cahs.colostate.edu/kic or call (970) 491-6332.

SHORT TAKES

YOUTH SPORT CAMPS

In 2002, the Youth Sport Camps registered over 1,500 children in a variety of activities, such as baseball, softball, tennis, soccer, and volleyball. The programs are linked to the department's outreach mission, with students planning activities and instructing school-age campers. Campers received information on the role of good nutrition and exercise in a healthy lifestyle. The majority of instructors for the Youth Sport Camps were Health and Exercise Science undergraduate and graduate majors. See the Upcoming Events section for information on sports camps for 2003.



TEACHING CHILDREN ABOUT ISSUES RELATED TO GENDER, RACE, AND CLASS

Toni Schindler Zimmerman, a faculty member in the department of Human Development and Family Studies, has been spending a lot of time in the local elementary schools recently. Toni developed a curriculum to teach children about issues related to gender, race, and class. This curriculum is the foundation for a film produced by the Cambridge Film Company, Cambridge Mass. The film crew traveled to Fort Collins in the fall of 2002 to video Toni and several teachers from her team working with children. Through a service learning grant, Toni and several of her students will be going to elementary school classrooms to disseminate this curriculum. If you know of a teacher who would like to have this two hour training, call Toni at (970) 491-6922 or zimmerman@cahs.colostate.edu.

FINANCIAL PLANNING PROGRAM FOR TEENS



Dr. Judy McKenna, Professor in the Department of Design and Merchandising, along with a team of colleagues, has developed a financial literacy, web-based training for educators who work with youth and parents who want to increase the financial decision making skills of teenagers. The web-based training meets the needs of adults who are interested in educating teens about money, but have no time to attend a meeting or training. There is no charge and the training can be accessed directly at www.nefe.org/webtraining/index.html. The training is linked to the NEFE High School Financial Planning Program® (HSFPP) curriculum available as a public service from the National Endowment for Financial Education® (NEFE).

NEFE also funded this project. Contact Judy McKenna at mckenna@cahs.colostate.edu or (970) 491-5772.

INTERIOR DESIGN CURRICULUM FOR K-12

Dr. Stephanie Clemons in the Department of Design and Merchandising received a \$24,000 research grant from The International Interior Design Association (IIDA) Foundation to develop a national model for infusing interior design content into K-12 levels. A framework for curriculum was developed taking into consideration state and local administration policies of national education standards, resource and budget allocation within states and individual school districts, and technology resources. Pending is the third phase of this research project which will involve the development of additional materials for pilot testing in specific communities. *The Journal of Interior Design* as well as *Interiors and Sources* published articles concerning part of the developed model. Part of the model also appears in the textbook, *Handbook of Professional Practice* by Cindy Coleman.

CSMATE RECEIVES \$428,000 GRANT FROM HEWLETT PACKARD

Colorado State University's Center for Science Mathematics and Technology Education, in support of its Center for Learning and Teaching in the West project (CLTW) has been awarded a \$428,000 grant from the Hewlett-Packard Company. The gift will support CLTW's focus on enhancing science and mathematics classroom instruction and professional development for teachers working in high-needs schools throughout Colorado, Montana and Oregon. "HP's grant is enhancing CLTW's efforts by providing laptops and Internet access for participating teachers who lack these resources, and providing training for teachers on how to effectively use technology to improve science and mathematics instruction," said Ed Geary, director of CSMATE and the CTLW project.

YOUNG DESIGNERS EXHIBIT AT CSU

The Department of Design and Merchandising was pleased to host the fourth annual *Champions by Design: An Exhibition of Creations by Young Coloradans*. The exhibit took place in October 2002 in the Gustafson Gallery in the Gifford Building and featured textile creations designed by young 4H students. All of the items in this exhibit were chosen from blue ribbon winners at the 2002 Colorado State Fair. Selection was based on creative and interesting use of design elements and individual innovation beyond simply following patterned instructions.



MARY SCOTT LECTURE SERIES 2003

The 2003 Mary Scott Lecture Series, "Expanding the Boundaries: Creating an Interdisciplinary Professional Development School (PDS)" is a model to unite public school and university personnel as well as university students in supporting the simultaneous preparation and renewal of pre-service and in-service professionals from a variety of education-related disciplines. Cori Mantle-Bromley, Executive Vice President, Institute for Educational Inquiry, presented, "To Weave It Into Fabric," March 3. A "work day" for public school, university, and community practitioners, instructors, administrators, and students took place on March 4th. The events were sponsored by the Mary Scott Lecture Series; the College of Applied Human Sciences; Bridges to the Future Lecture Series; College of Liberal Arts; Poudre School District; and Phi Delta Kappa, CSU Chapter.

CAREER AND TECHNICAL EDUCATION

Colorado State University has been involved with changes in the Colorado Community College System (CCCS) through the (Career and Technical Education) CTE Leadership Council. This council is comprised of leaders from each CTE division – ACE, agriculture, business, consumer and family studies, marketing, health, trade and industry, technology education, and Related Services and CCCS staff. In January, these leaders met to provide direction to CCCS regarding needs in the areas of compliance and educational services. Representing CSU were Linda Lyons, Dawn Mallette, and Teresa Yohon.

CCCS and the CTE Leadership Council will develop a priority list of activities to support new and continuing programs at the secondary and post-secondary levels.

CTE SUMMER CONFERENCE

The Colorado Association Career and Technical Education (CACTE) summer conference will be held in Fort Collins, CO, from July 21-24, 2003. The focus is influencing and adapting to changes in Career and Technical Education. Speakers on labor market changes, legislative issues, state, and local CTE agency changes, new curriculum materials, and teaching strategies will be heard. Pre-conference workshops on integrating Palms in the classroom, PowerPoint projects, and grant writing are new additions. The registration form will be online in April at www.cacte.org.

EARLY CHILDHOOD PROGRAM (ECE)

The Early Childhood Education Licensing Program at CSU, launched in the fall of 2001, is a collaborative effort between the School of Education and the Department of Human Development and Family Studies (HDFS). Students in HDFS who are interested in teaching children ages 0-8 in the state of Colorado apply for admission into the program in their sophomore year. The first ECE cohort of 20 students is finishing their final semester. The second cohort, 28 students, began in the fall of 2002, and the third cohort will begin in the fall of 2003. Coursework requires four consecutive semesters of education-related content including one semester of student teaching.

Certification in early childhood education allows candidates to teach in pre-kindergarten through third grade settings. The early childhood education candidates possess a strong background in both child development and family studies.

Students participate in partnership school field experiences connected to every class. Partnerships have been developed with 6 elementary schools (Linton, Putnam, Beattie, O'Dea, Tavelli, and Cache La Poudre) and several pre-kindergarten sites including CSU's Early Childhood Center, the University Children's Center, and Poudre School District's Early Childhood Head Start sites.

Deborah Fidler, Assistant Professor of HDFS, is the Key Content Advisor and has a Baccalaureate Degree in Psychology from Cornell, and a M.S. and Ph.D. in Educational Psychology from UCLA. Julie Jameson is the Program Coordinator and Instructor of ECE within the School of Education. She holds a degree in Child Development from Michigan State University and a M.Ed. in Curriculum and Instruction in ECE from George Mason University. Julie teaches the professional coursework in the School of Education. HDFS employs a program pre-advisor, Dr. Nancy Rowe. Contact Dr. Rowe at (970) 491-3534 or nnrowe@cahs.colostate.edu for more information.

DISTANCE COHORTS

The SOE will soon have three Ph.D. distance programs in Educational Leadership at DeVry University sites. There are currently two programs, one at DeVry-Atlanta, and the second in the Chicago, Illinois area. The Educational Leadership faculty recently approved the start-up of a third program in Atlanta. The projected official start-up date is Spring 2004.

The 22 members of the DeVry-Chicago cohort are nearing the end of their program coursework. The cohort began in the summer of 2000, and students are taking the proposal development class this spring in preparation for their dissertation research.

All 14 cohort members of the Atlanta-DeVry cohort, the first distance Ph.D. cohort, have successfully completed their content preliminary examination and most are in the dissertation proposal stage. CSU faculty members travel to the students for delivery of part of the courses; course delivery is supplemented with WebCT and other electronic methodology.

The Sterling and Pueblo M.Ed./Principal Licensure cohorts finished their programs in 2002. A cohort program in Counseling and Career Development (Dr. Sharon Anderson, coordinator) meets at the USC campus in Pueblo.

Other distance programs include Community College Leadership (Dr. Tim Davies, program chair), Adult Education and Training (Dr. Don Quick, coordinator), and Organizational Performance and Change (OPC), formerly Human Resource Development (Dr. Jerry Gilley, faculty coordinator) continue to graduate students and start new cohorts yearly.

AWARDS

Peggy Lofquist, Outstanding Advisor; and **Suzie Tochterman**, Outstanding Teacher – Tenure Track Faculty, are 2002-2003 College of Applied Human Sciences Award winners.

Beryl "Brownie" McGraw, School of Education, '72, received the CSU Alumni Association Charles A. Lory Public Service Award for 2002.

Logan Chamberlain, School of Education, '94, was the College of Applied Human Sciences Honor Alumnus for 2002.

David McKelfresh, School of Education, '76, received one of the CSU Alumni Association Best Teacher Awards for 2002.

Bob Richburg, a University Distinguished Teaching Scholar, received the CSU Alumni Association 2002 Distinguished Faculty Award.

Terry Deniston is one of the winners of the 2002 Outstanding Effort Award from the Resources for Disabled Students Office.

Suzanne Tochterman received a 2003 CSU Alumni Association Best Teacher Award.

RETIREMENTS

Wiley B. Lewis

Dr. Lewis retired as Associate Professor Emeritus in May 2002. Dr. Lewis came to CSU in Fall 1974 to develop curriculum materials and coordinate vocational education activities for Colorado. Prior to that, he had been employed at the Center for Vocational Education, The Ohio State University. Dr. Lewis received a bachelor's degree from Virginia Polytechnic Institute, a master's from West Virginia University, and a Ph.D. from The Ohio State University in agricultural education. During his tenure at CSU, Dr. Lewis taught both teacher licensure educational technology, and graduate level adult education and research courses. He was instrumental in developing computer application strategies for students at all levels.

Barbara A. McWhorter

In 1989, Barbara McWhorter resigned her job as an elementary art teacher at Timnath Elementary to begin her pursuit of advanced degrees at CSU in guidance and counseling. While working on her master's and doctoral degrees, Dr. McWhorter was employed as a graduate teaching assistant supporting Project Promise and counseling programs. After receiving her doctorate, she continued working for the School of Education as an Assistant Professor, most recently serving as Director of Project Promise. Dr. McWhorter retired May 2002 and hopes to find more time for reading and activities on her ranch with family.

National Science Foundation Boosts Science Education

Students all across the Front Range of Colorado are participating in exciting hands-on science investigations thanks to a grant from the National Science Foundation (NSF) totaling \$1.4 million over three years. Dr. Michael De Miranda in the Department of Manufacturing Technology and Construction Management, a technology education specialist, is one of the participants in the grant which is a collaborative effort of Colorado State University, the University of Northern Colorado (UNC), the CSU Natural Resource Ecology Lab, Weld County District 6, and the Poudre School District. The title of the project, GK-12, stands for graduate students working with K-12 schools. The primary investigators on the project are Dr. David Swift, Natural Resource Ecology Lab, CSU, and Dr. John Moore from UNC. "Researchers need to bring their expertise and enthusiasm out of the laboratory and into the classroom," says Rita Colwell, NSF director. "The GK-12 program creates partnerships across the academic community that benefit research and education at every level."



Over a dozen graduate and undergraduate fellows work with K-12 teachers in Fort Collins, Greeley, and Loveland to link field research from CSU and UNC faculty to K-12 classrooms. K-12 students learn scientific and mathematical concepts and reasoning as they employ current technology in data collection and analysis. Students observe and monitor experiments and perform mathematical modeling of natural processes. K-12 teachers find opportunities to participate in research with graduate fellows and university faculty to enhance their classroom instruction and professional development.

The breadth of projects and opportunities available to students is astounding. Students at Loveland High School undertook a Winter Ecology Project. Laurel Hartley, a GK-12 fellow describes the project, "Students used the Internet and textbooks to learn vocabulary and answer questions related to winter ecology. Guest speakers from GK-12, U.S. Fish and Wildlife, and the Rocky Mountain Bird Observatory came to school to talk to the students. Groups of students were mentored by fellows as they designed their experiments. Projects included a study of the types and numbers of trees used by beavers, a study of heat loss in different environments using baked potatoes as 'small mammals,' and a comparison of water quality of the Big Thompson River and Clear Creek."

For more information, see <http://www.cahs.colostate.edu/gk12>.

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Grants Information

What Works – Synthesizing Secondary School Effects: The What Works Transition Research Synthesis Project is funded by the Office of Special Education Programs (OSEP) to review and synthesize the past 20 years of research and advancements in the area of transition for youth with disabilities. The group of researchers, educators, parents, and practitioners from CSU are working with a national advisory board of experts from around the country to develop and disseminate the research syntheses. The project goals include producing research syntheses of empirical and non-empirical transition literature, and proactively disseminating all written products. Data briefs, a Web site, and conference presentations will be integral components of the dissemination of results. The "What Works Data Brief" publication is available online at www.ncset.org. For information, contact Dr. Brian Cobb at cobb@cahs.colostate.edu or (970) 491-6835.

National Science Foundation Rural Teacher Preparation Initiative: The Northern Colorado Community College/University Rural Teacher Preparation Initiative is funded by the National Science Foundation and is coordinated by faculty in the School of Education and the Center for Science, Mathematics, and Technology Education at CSU as well as faculty from the partner community colleges: Aims, Front Range (Larimer Campus), Morgan, and Northeastern Junior College. The partnership aims to bolster the recruitment and retention of diverse and rural students into careers in teaching mathematics, science, and technology. The Spring Conference will be held April 17 at Aims Community College in Greeley, CO. For information, contact Christine Jones at (970) 491-1700 or Peggy Lofquist at (970) 491-4669.

FIPSE: Starting Fall 2003, the Colorado Credentialing Learning System (CCLS) will support the needs for Career and Technical Education (CTE) teachers. Based on the teacher's prior learning, performance-based, competency-focused online modules will be combined to develop coursework to meet credentialing standards. CCLS and the Online Credentialing process are supported through a Learning Anytime, Anywhere Partnership grant (FIPSE) through the Department of Education.

PT3: The Colorado Technology in Teacher Education Consortium (CTTEC) has provided Poudre School District teachers, CSU faculty, and pre-service students opportunities to extend their technology knowledge and integration skills over the past three years. For Spring, workshops in the use of Palms in the classroom, course Web site development, graphics, interactive PowerPoint, and Inspiration are offered for the CSU faculty. For teachers, Project TRU (Technology Rich Units) has combined a student teacher, a cooperating teacher, and CTTEC staff to develop a lesson, unit, or project that integrates technology. Through CTTEC's Web site (<http://soe.cahs.colostate.edu/cttec>), teachers can find Internet resources by content area and educational topics as well as a variety of training documents.

GRANTS AWARDED

PI/Co-PI or Proj. Director	Title of Project	Sponsor	Dates of Project	Actual Dollars awarded in fiscal year.
Rick Ginsberg/Ramon Villarreal	Equity Assistance Center	U.S. Department of Education	7/1/02 – 6/30/05	\$593,472*
Teresa Yohon	Colorado Technology in Teacher Education Consortium	U.S. Department of Education	6/1/02 – 5/31/03	\$322,339
Brian Cobb	CIT Evaluation	Colorado Institute of Technology	11/1/02 – 4/30/04	\$39,578
Brian Cobb/Barb Wallner	An Evaluation of the Rockies	National Park Service	9/1/02 – 9/1/03	\$11,500
Rich Feller	Career Development State-Wide Training	Colorado Career Web	9/1/02 – 8/31/03	\$14,128
Jean Lehmann/Tim Davies	Exceeding Expectations	U.S. Department of Education	9/1/01 – 8/31/05	\$157,500*
Brian Cobb	Just for the Kids	Colorado Partnership for Education Renewal	1/1/02 – 5/31/03	\$18,000
Brian Cobb/Len Albright	Synthesizing Secondary School Effects	U.S. Department of Education	10/1/01 – 9/30/04	\$600,000*
*Amount awarded each year of the grant.				
Mini-Grants awarded by the College				
Lynn Safarik				\$5,000
Cliff Harbour				\$5,000
Chance Lewis				\$1,500

Colorado State University Foundation

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- #13473 School of Education Enrichment Fund** – This fund helps support professional activity in the School of Education.
- #48465 L. Sharon Blocker Memorial Scholarship** – Honors the memory of Dr. Blocker, a faculty member from 1990-1997, who was instrumental in starting the first partnership school in Fort Collins. Awarded annually to a senior or post baccalaureate student enrolled in the Teacher Licensure Program in the SOE and in his/her student teaching year.
- #20295 Helen and Lyle Slonecker Scholarship** – Established by the Sloneckers, both CSU alumni, to benefit a junior or senior involved in teacher education. Mr. Slonecker was also an emeritus professor in the School of Education.
- #14395 Milton E. Larson Memorial Scholarship** – Established by colleagues, alumni, and friends of Dr. Larson, a professor in the SOE. This scholarship is awarded to a junior, senior, or graduate student in Vocational Technology Education.
- #20725 L.L. Gibbons Scholarship** – This scholarship was established in honor of Mr. Gibbons, former department head of Industrial Sciences for 11 of the 24 years he taught at CSU, by his family, colleagues, and students. It is awarded to students pursuing teacher licensure in Adult Technical Education or Trade and Industrial Education.

Payment Options

- Enclosed is my/our check in the amount of \$ _____ (Please make check payable to the Colorado State University Foundation and indicate the fund number on the memo line.)
- I/We prefer to pledge in the amount of \$ _____ to be paid: monthly quarterly semi-annually annually
- The first payment of \$ _____ is enclosed.
- Please charge this gift in the amount of \$ _____ MasterCard Visa Card Number _____

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