

UNIVERSITY of
NORTHERN COLORADO



COLLEGE OF HUMANITIES AND SOCIAL SCIENCES
SCHOOL OF SOCIAL SCIENCES



Funded, Pending, and Projects in Development
December 7, 2007

Candelaria 2200 | Campus Box 108
Greeley, CO 80639
970-351.2069

Dr. Robert Brunswig
Director, School of Social Sciences
970-351-2138
robert.brunswig@unco.edu

CURRENTLY ACTIVE PROJECTS:

Current Grant and Contract Dollar Totals for Both School of Social Sciences Institutes=\$1,466,310

COMMUNITY DEVELOPMENT & OUTREACH INSTITUTE (CDOI)

Realizing Our Community-Implementation Phase: (\$300,000)

Colorado Trust

City of Greeley/UNC-CDOI/Other

The Realizing Our Community Project (ROC) was collaboratively designed by 22 UNC and Greeley government and non-government organization to facilitate the integration of immigrants and refugees into the Greeley community and promote their positive interaction with Greeley's established residents in working together for a stronger, healthier communities. Funded by the Colorado Trust Foundation, ROC is expected to begin a 4-year implementation phase in fall of 2007. UNC's Alumni Foundation serves as fiscal agent for the project and project activities are being supported out of the School of Social Sciences' Research Office. Substantial UNC contributions to ROC include cross-university and university-community based externally-funded, supporting projects designed to enhance and contribute to the overall ROC effort as well as providing faculty and student (service learning and course-embedded) contributions in service and professional expertise to the project's success.

Greeley Voices: HP equipment Grant (\$7,000)

UNC Directed Project | Karen Barton & Barb Hawthorne (Geography & Anthropology)

Community-based project based on concept that digital photography, storytelling, and mapmaking have the potential to improve youth research, writing, and leadership skills. The project's mission is to mentor low-income (at-risk) youth to tell their personal, family, neighborhood, and community stories. The project's underlying premise is that youth who creative, educated, and active citizens are youth who benefit themselves, their families and the Northern Colorado Community.

City of Greeley Community Indicators Project: (\$5,000)

City of Greeley Community Development Department Katherine Johnson (Geography)

Dr. Johnson, through a contract with the City of Greeley's Development Department, compiled an economic and growth indicators(ProReport) study report (2007) on the city for use in future community development planning.

Realizing Our Community: (~\$10,000)

Colorado Trust

City of Greeley/UNC-CDOI/Other

The Realizing Our Community Project (ROC) was collaboratively designed by 22 UNC and Greeley government and non-government organization to facilitate the integration of immigrants and refugees into the Greeley community and promote their positive interaction with Greeley's

established residents in working together for a stronger, healthier communities. Funded by the Colorado Trust Foundation, ROC is expected to begin a 4-year implementation phase in fall of 2007. UNC's central contribution to the project is development of parallel, externally-funded supporting projects designed to enhance and contribute to the overall ROC effort as well as providing faculty and student contributions in service and professional expertise to the project's success.

Analysis of Greeley/Weld Economic Development (\$14,400+)

Rhonda Corman (Economics)

Upstate Colorado Economic Development

The Economics Program provides continuing data collection and organization, regional economic impact analysis of prospective developments, and annual reports to Upstate Colorado, a regional economic development non-profit organization, on the status of Weld County's economy.

HERITAGE RESOURCES MANAGEMENT & EDUCATION INSTITUTE

The Social Studies Literacy Project: Teaching Reading through Civics, Geography, History: \$160,000

Colorado Department of Education

Principal Investigator: Matthew Downey (Social Sciences); Co-Investigators: Alexander Sidorkin (School of Teacher Education) and Robert Brunswig (School of Social Sciences/Anthropology)

HRMEI

Phase 1 of a planned three year collaborative project between the university and Denver Public Schools (DPS). The project seeks to incorporate enhanced and more effective reading instruction in the core social studies disciplines in DPS' 65 elementary schools, focusing on grades 3-5. Phase 1 will consist of a extensive review of current reading materials and instruction methods, identifying areas of potential improvement. Project investigators at UNC and DPS will then develop a new social studies reading course which will be piloted at 13 elementary schools in the district in project year 1. Phase 1 will create a foundation for additional grant funding in project years 2 and 3 where the new reading program will be improved and extended to the remaining 53 elementary schools in the Denver Public School system.

Forest Canyon Cultural Landscape-“Patch Ecology” Pilot Project (\$22,738)

Rocky Mountain National Park/Cooperative Ecosystems Study Unit (CESU)-Rocky Mountain Region

Bob Brunswig (School of Social Sciences/Anthropology) and James Doerner (Geography)

Pilot study for an interdisciplinary study and GIS model of natural and cultural landscape use of Forest Canyon Pass, Rocky Mountain National Park, over the past 11,000 years. The project is based in Patch Ecology Theory and utilizes field data and analytical methodologies from archaeology, physical geography (paleoclimate/paleoecology), Geographic Information System (GIS) software analysis/modeling, Native American ethnobotany research, and ecological biology.

HRMEI

Developing an Online Center for Global Geography Education (Phase 2): (\$495,481)

Phil Klein (Geography)

This is UNC's component of a larger Phase 2 proposal for a previously National Science Foundation funded project to enhance undergraduate learning of world geographical problems facilitated and developed through Internet (on-line) international Geography faculty collaborations. The project will expand modules currently available on the Center for Global Geography Education Project and, additionally, operate a series of workshops to train international faculty collaborative learning theory and practices in Geography education. UNC's contribution to the NSF proposal, originated at the Association of American Geographers, will constitute a sub-proposal component of the main NSF grant.

North Park Cultural Landscapes Project (\$6,750)

Bureau of Land Management- Kremmling District
Bob Brunswig (School of Social Sciences/Anthropology)

BLM annual support for a long-term interdisciplinary research program in North Park, Jackson County, Colorado. Field and laboratory expense funding has been granted year-by-year since the project's inception in 2005. In fall 2007, the BLM nominated UNC for its National Paleoindian Archaeology Program which, in approved, will provide an additional source of project funding.

Schumpeter's Translation: (\$28,521)

Ewing Marion Kauffman Foundation
Bruce McDaniel (Economics)

Translation and Commentary of Joseph Schumpeter's Das Wesen Under Hauptinhaltder Theoretischen Nationalokonomie From German to English for book publication. Schumpeter, a seminal early 20th Century German economic theorist, is well-known but his works are seldom represented in English translations. This project will provide the very first English translation of perhaps his most important and influence work.

Ethnographic Overview Phase I-Colorado National Monument: (\$60,000)

Colorado National Monument/Cooperative Ecosystems Study Unit (CESU) Rocky Mountain Region
Sally McBeth (Anthropology)

The project is based a National Park Service need to conduct research and identify and document ethnographic resources within and near Colorado National Monument in Western Colorado. It integrates the prehistoric, historic, and cultural (ethnographic), and legal documentation of the Native American cultural associations of the monument with currently held knowledge and perspectives of tribal community members (especially the Northern Ute) who have historic affiliation in the area.

Rebuilding a Statewide Network for Geography Educators-The Colorado Association for Geography Education (CAGE): (\$300,000)

National Geographic Society
Phil Klein & James Dunn (Geography)

This project is presently funded for an initial three year cycle to organize and operate a revitalized Colorado Association for Geography Education, known as the Colorado Geographic Alliance (COGA). COGA is an organization of geography teachers, scholars, and leaders that plays a central role in improving pre-collegiate geography education in the State of Colorado.

Fire History and Climate Change in Rocky Mountain National Park: (\$12,432)

National Park Service
Jim Doerner (Geography)

A project designed to study the long-term history of forest fires and their relationship with past climatic conditions in Rocky Mountain National Park.

Native American Interpretive Materials and Planning for Rocky Mountain National Park: (\$10,000)

Rocky Mountain National Park/Cooperative Ecosystems Study Unit (CESU)-Rocky Mountain Region

Sally McBeth & Bob Brunswig (Anthropology)

This project, funded by the National Park Service, builds on a long-term research record in Rocky Mountain National Park archaeology and Native American culture by the two co-principal investigators. Its goal is to write and make available for publication a public audience booklet on the prehistoric and historic record of the park and descriptions of the cultures of native peoples known to have occupied the park in historic times. A second goal is to initiate an assessment of current park programs which present the park's cultural history to its visitors.

Rocky Mountain National Park Sacred Sites Project: (\$33,988)

Rocky Mountain National Park/National Park Service
Bob Brunswig (Anthropology)

This project, funded by the National Park Service, seeks to develop a cultural landscapes model of Native American spiritual places, including actual physical locations, in Rocky Mountain National Park for preservation, consultation, and interpretive purposes. It includes survey-grade GPS mapping of previously suspected or known Native American sacred sites in Rocky Mountain National Park and new surveys of selected landscape features believed to contain similar sites. Resulting data are being incorporated into an analytical report and GIS site prediction model for use in management and protection of sites identified as actual or probable Traditional Cultural Properties within the boundaries of Rocky Mountain National Park.

Current School of Social Sciences Projects Not Resident in either the CDOI or HRMEI institutes

Interagency Oversight Group Evaluation Project (\$103,400)

Weld County Interagency Oversight Group (IOG)/Weld County Department of Social Services
David Musick (Sociology)

A consultation project by Sociology professor David Musick will have the goal of conducting research to address problems, needs, long term goal(s), specific objectives, rationale, methods, expected

outcomes, and the overall impact of Colorado House Bill 1451) as it relates to the operations and planning objectives of the Weld County Department of Social Services.

SCHOOL OF SOCIAL SCIENCES INFRASTRUCTURE ENHANCEMENT INITIATIVE

The School of Social Sciences Infrastructure Enhancement Initiative is designed to build new, and upgrade existing, research facilities to support and enable advanced social science research and teaching programs at UNC. The initiative supports the fact that social science researchers, teachers, and students, no less than the hard sciences, require up-to-date tools and resources in order to achieve and maintain excellence in the classroom and in the conduct of quality research.

School of Social Sciences Infrastructure Funded Enhancements since 2005=\$132,518

Survey Research Laboratory Facilities Conversion Project and Start-up Funding (\$40,365)

UNC Facilities Development Budget Appropriation (2007-2008) to School of Social Sciences

UNC Development Grant for Purchase of a Survey Total Station System for Archaeological Mapping (\$6,000)

SPARC Development Grant

Bob Brunswig (School of Social Sciences)

UNC Paleoenvironment-Paleoclimate Laboratory Tree-Ring Station Upgrade (\$7,750)

SPARC Development Grant

Bob Brunswig (School of Social Sciences)

Survey Research Lab Development Project (\$16,280)

SPARC Development Grant

Jeff Houser & Mark Riddle (Sociology)

Expansion and upgrade of the Geographic information System Lab/Classroom

UNC Capital Equipment Outlay appropriation to the School of Social Sciences (\$38,723)

UNC Facilities Development Funding to School of Social Sciences

Summer-Fall 2006

Development Seed Funding for a School of Social Sciences Research Office and Focused Research Institutes in 2005-2006 (\$20,000)

SPARC Development Grant

Bob Brunswig (School of Social Sciences)

School of Social Sciences Research Office Space Remodeling Project-2005 (\$3,400)

Capital Outlay Funding from UNC Provost's Office

To School of Social Sciences

PENDING PROJECTS

Pending (submitted) Current Grant and Contract Dollar Totals for Both School of Social Sciences Institutes=\$168,736

Greeley Youth-at-Risk Afterschool Project: (\$5,000)

El Pomar Foundation, Karl E. Eitel Fund

James Marshall (Sociology), Karen Barton (Geography), David Zobeck (Sociology), and Bob Brunswig (School of Social Sciences)

CDOI

UNC faculty, in partnership with Greeley's Recreation Department, the Rodarte Center, and Greeley Elementary and Middle schools, will supervise college student mentors in a program to assist Grade Level 4-9 At-Risk-Youth in achieving school success and serve as role models in encouraging future aspirations for post-secondary education.

CDOI

North Park Cultural Landscapes Project (\$63,913)

Colorado State Historic Fund

Bob Brunswig (School of Social Sciences) and Fredric Sellet (Anthropology)

Grant to fund expanded archaeological, paleoenvironmental, and Native American spiritual sites research studies for the North Park Cultural Landscapes Project for projects years 2008 and 2009.

HRMEI

IKMapper Project (\$68,930)

NEH

Mike Kimball (Schulze Chair of Interdisciplinary Studies), Charmayne Cullom (Computer Science), and David Diggs (Geography)

An interactive Web-based project associated with Native American tribal groups and the collection and teaching of Native American cultural traditions to tribal youth and a wider non-Native American audience.

HRMEI

North Park Cultural Landscapes Project-BLM Paleoindian Research Program (\$10,000)

Bob Brunswig and Frederic Sellet (Anthropology)

Extension of currently Bureau of Land Management funded archaeology and paleoenvironment research program in North Park valley to specific topic project components and new funding revenue sources, namely the Colorado Bureau of Land Management's Paleoindian Research Program.

HRMEI

Development and Dissemination of a Technology-Enhanced Archeological Survey System for Rapid Data Acquisition, Minimal Artifact Collection, and GIS Analysis-National Center for Preservation Technology & Training (\$20,893)

Bob Brunswig (Anthropology) and David Diggs (Geography)

This project involves development and publication of an integrated electronic archeological field data collection system utilizing Global Positioning System (GPS), wireless digital photography, and field computer technologies. Precise (<30 cm) spatially-referenced field data and digital images will be exported to and processed by data management, graphics and mapping programs, including Geographic Information System (GIS) software, for site forms, research reports and predictive site location modeling.

CONCEPT DEVELOPMENT PROJECTS

Forest Canyon Pass Cultural and Natural Landscapes Patch Ecology Undergraduate Research Program(National Science Foundation REU) (~\$70,000)

Bob Brunswig (Anthropology), Jim Doerner (Geography), Frederic Sellet (Anthropology), and David Diggs (Geography)
HRMEI

Developing National Science Foundation proposal for an integrated, interdisciplinary undergraduate research and teaching program with field studies in Rocky Mountain National Park's Forest Canyon Pass and follow-up laboratory classes at UNC.

Dearfield History Project

George Junne (Africana Studies), Bob Brunswig (Anthropology), and Frederic Sellet (Anthropology)
HRMEI

Archaeological and historical investigations of the early 20th African-American site of Dearfield in partnership with the Denver Black American West Museum.

Northern Colorado Heritage Tourism Master Plan Project

Bob Brunswig (Anthropology) and Diane Gaede (Tourism and Recreation)
HRMEI

Project design to create a long-term heritage tourism master plan for Northern Colorado counties, cities, and government land-management agencies.

Technical Assistance Interpretive Projects

National Park Service
Bob Brunswig (Anthropology) and Diane Gaede (Tourism and Recreation)
HRMEI

Multiple projects related to improving pre-existing and developing cultural and natural resource interpretation programs in National Park Service land managements units in the Rocky Mountain West. Projects will be generated and funded through the CESU (federal agency-university) system, of which UNC is a partner institution.

Tree Rings Climate History

Jim Doerner (Geography)
HRMEI

Proposed project in Rocky Mountain National Park that uses tree-ring analysis to reconstruct fire and climate history from ca. AD 1000 to the present.

UNC Digitization Project

Mark Anderson (UNC Libraries)

Archival digitization of historic photographs for on-line access and use in university faculty and student projects and studies.

CDOI/HRMEI

Project designed to expand Michener Library facilities, resources, and expertise for the digitization of historic archived printed and photographic materials in support of UNC research programs in history, archaeology, social studies and related disciplines.

GIS Technology Enhancement and Curriculum Help

Jim Doerner (Geography), David Diggs (Geography), and Karen Barton (Geography)

CDOI/HRMEI

University GIS Teaching and Training Development Project. On-hold pending decision to rewrite and resubmit to NSF.

CDOI/HRMEI

Economic Gardening and Vitalization of the UNC-Community Borderlands for Mutual University and Public Benefit

Project to develop a research and planning for long-term vitalization and development of neighborhoods surrounding the university in order to create a more viable and attractive residential and commercial environment for Greeley citizens and members of the university community.

CDOI

A Center for Regional Healthcare Research Project

Peter Davidoff (Economics) and Pat Graham (Economics)

CDOI

The proposed project would be to design elements of, and acquire start-up funding for, establishment of a Center for Regional Healthcare Research at UNC. The center would promote data acquisition and modeling of healthcare services and various factors, economic, social, cultural, legal..., associated with the provision of healthcare services to different socio-economic groups in Northern Colorado. The modeling would, initially at least, focus on resource-allocation theory and techniques common in many of the social sciences and healthcare industry. Models and data sets would be used to provide planning and development frameworks for regional health service and insurance providers and government healthcare agencies.