

# University of Northern Colorado

## Extramural Proposals

### Fiscal Year 2015

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The Office of Sponsored Programs reports that during Fiscal Year 2015, UNC faculty and staff members submitted 82 proposals to external agencies requesting \$32,411,707.

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#### College of Education & Behavioral Sciences – 21 proposals - \$7,081,400

**Elysia Clemens**, Applied Psychology and Counselor Education

*“Students in Foster Care: The Relationship Between Educational Outcomes and Mobility”*

U.S. Department of Education

New proposal, applied research project, 2 years - \$385,368

Co-Principal Investigator: Judith Martinez, consultant

*“Colorado Performance Partnership Pilot”*

Colorado Department of Higher Education

New proposal, applied research project, 4 years - \$314,859

**Kay Ferrell**, Special Education

*“Pakistan Teaching Excellence and Achievement Program”*

IREX

New proposal, instruction project, 1 year - \$199,832

Co-Principal Investigator: Carolyn Edwards, consultant

*“Collaborative Research: Effective Practices for Describing Chemistry Images for Students Who are Blind or Have Low Vision”*

National Science Foundation

New proposal, applied research project, 3 years - \$190,041

Co-PI: Robert Houser, NHS Chemistry and Biochemistry & AVP for Research

*“An Intervention for Infants and Toddlers with Visual Impairment: Independence through the Mealtime Routines Model”*

U.S. Department of Education

Resubmission proposal, applied research project, 2+ years - \$1,156,882

Co-Principal Investigator: Carolyn Edwards, consultant

*“Creating a State-Wide System of Tele-Support for Families of Infants and Toddlers with Blindness/Visual Impairment”*

Spencer Foundation

New proposal, applied research project, 3 years - \$359,987

**Heather Helm**, Applied Psychology and Counselor Education

*“UNC and CSU Collaborative Planning Grant – Campus Corps”*

Colorado State University subaward – El Pomar Foundation Prime

New proposal, instruction project, 1 year - \$18,056

**Lewis Jackson**, Special Education

*“Factors Contributing to Academic, Social, and Behavioral Outcomes for Elementary Students with the Most Significant Cognitive Disabilities”*

University of Kansas subaward – U.S. Department of Education Prime

New proposal, applied research project, 3 years - \$162,674

*“Factors Contributing to Academic, Social, and Behavioral Outcomes for Elementary Students with the Most Significant Cognitive Disabilities”*

University of Kansas (direct) - U.S. Department of Education (prime)

New (resubmission) proposal, applied research project, 3 years - \$156,657

**Leilani Johnson**, DOIT Center  
*"Preparation for Interpreters in Educational Settings"*  
U.S. Department of Education  
New proposal, instruction project, 5 years - \$1,248,323

**Paul Klaczynski**, Psychological Sciences  
*"Developmental Reversals in Probabilistic Judgments: Age, Numeracy, and the Tacit Cognitive Gap"*  
National Science Foundation  
New proposal, applied research project, 3 years - \$511,862

**John Luckner**, Special Education  
*"Project Interact: Improving the language and emergent literacy skills of young children who are deaf or hard of hearing"*  
U.S. Department of Education  
New proposal, applied research project, 3 years - \$1,013,422

**Christy Moroye**, Teacher Education  
*"Ecomindedness for Educational Aims"*  
Spencer Foundation  
New proposal, basic research project, 1 year - \$46,424  
*"CS 10K: C-START: Colorado - Strategic Approach to Rally Teachers"*  
Colorado School of Mines (direct) – National Science Foundation (prime)  
New proposal, scholarship project, 3 years - \$109,454

**Tracy Mueller**, Special Education  
*"Reducing Special Education Conflict: An Investigation of the Facilitated Individualized Education Program Process"*  
Spencer Foundation  
New proposal, development research project, 1 year - \$49,597

**Kristina Phillips**, Psychological Sciences  
*"Understanding the Dynamics of College Student Marijuana Use: A Study using EMA"*  
National Institutes of Health  
New proposal, applied research project, 3 years - \$401,984

**Corey Pierce**, Special Education  
*"Laying the Foundation to Explore the Impact of Rtl as a State-Wide Mandate"*  
Spencer Foundation  
New proposal, applied research project, 1 year - \$49,766  
Co-PI: Kristin Klopfenstein, Office of the President, Education Innovation Institute

**Kevin Pugh**, Psychological Sciences  
*"Transformation, Identity, Discovery and Engagement in STEM (TIDES)"*  
Old Dominion University – US Department of Education funding  
New proposal, applied research project, 5 years - \$15,136

**Lisa Rue**, Applied Statistics and Research Methods  
*"The Options Project for Primary Care Setting"*  
U.S. Department of Human Health and Services, ACF  
New proposal, applied research project, 2 years - \$571,076

**Gabriel Serna**, Leadership, Policy and Development: Higher Education and P-12 Education  
*"Public College and University Credit Ratings: Exploring the Role of Fiscal Structure and Diversification"*  
American Educational Research Association  
New proposal, applied research project, 1 year - \$20,000

**Dana Walker**, Teacher Education

*"Explorations in Distance Education: A U.S.-Russian Peer-to-Peer Dialogue and Exchange"*

U.S. Department of State, Public Affairs Section

New proposal, public service project, 1 year - \$100,000

Co-PI: Heng-Yu Ku, Teacher Education

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## **Humanities and Social Sciences – 5 proposal - \$2,377,721**

**Sarah Goodrum**, Criminal Justice

*"CRISP Type 2: Collaborative Research: The Role of Information Delivery in the Interdependency between Education Facilities and Emergency Responders in Active Shooter Events"*

National Science Foundation

New proposal, basic research project, 4 years - \$321,706

**Angela Henderson**, Sociology

*"Establishing 'Best Practices' for Student Athlete Bridge Programs"*

National Collegiate Athletic Association (NCAA)

New proposal, basic research project, 1 year - \$7,398

**Britney McIlvaine**, Anthropology

*"Durres, Albania REU Site: Training in Bioarchaeological Research Methods"*

National Science Foundation

New proposal, basic research project, 3 years - \$315,262

**David Musick**, Sociology

*"Statewide Study of Medical Cannabis Use and the Management of Severe Pain"*

Colorado Department of Public Health and Environment

New proposal, applied research project, 3 years - \$1,648,355

**Christiane Olivo**, Political Science and International Affairs

*"Center for Engaged Civics Education"*

Center for Education in Law and Democracy

New proposal, public service project, 2 years - \$85,000

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## **Monfort College of Business – 3 proposals - \$115,000**

**Suzanne Conner**, Management and Marketing

*"Music and Food Related Health Choices"*

Grammy Foundation

New proposal, basic research project - \$20,000

**Richard Pickett**, Small Business Development Center

*"Music and Food Related Health Choices"*

UNC BizHub Collaborative

New proposal, public service project - \$75,000

*"Economic Gardening with Business Consulting"*

Colorado Office of Economic Development and International Trade

New proposal, public service project - \$20,000

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## **Natural and Health Sciences – 44 proposals - \$20,800,207**

**Wendy Adams**, Physics and Astronomy

*"PhysTEC Comprehensive Site: Collaborative Physics Teacher Preparation at University of Northern Colorado and the Colorado School of Mines"*

Physics Teacher Education Coalition

New proposal, instruction project, 3 years - \$319,504

Co-Principal Investigator: Christy Moroye, CEBS Teacher Education

**Steven Anderson**, MAST (Earth and Atmospheric Sciences)

*"Lava Flow Emplacement Processes: Constraints on Planetary Volcanism from Field-Derived Thermal and Topographic Data, Simulations and Terrestrial Analogs"*

Planetary Science Institute subaward – NASA prime  
New proposal, basic research project, 3 years - \$56,968

**Lauryn Benedict**, Biological Sciences

*"Collaborative Proposal: An Integrative Study of the Avian Suture Zone in the Western United States Using Genetic, Behavioral and GIS Methods"*

National Science Foundation  
New proposal, basic research project, 4 years - \$414,580

*"CAREER: Sexual selection, ecological selection and bird song complexity across latitudinal gradients"*

National Science Foundation  
New proposal, basic research project, 5 years - \$895,689

**Jill Bezyak** Human Sciences, Human Rehabilitative Services

*"The Rocky Mountain ADA Center: Principal Investigator Subcontract"*

Meeting the Challenge subaward – U.S. Department of Education prime  
New proposal, applied research project, 1 year - \$51,043

*"Rehabilitation Counseling Long-Term Training Program 2015-2020"*

U.S. Department of Education  
New proposal, instruction project, 5 years - \$941,107

**Russell Carson**, Sport and Exercise Science

*"Utilizing Physical Activity Coordinators to Increase Physical Activity among Youth"*

University of South Carolina (direct) – National Heart, Lung, and Blood Institute (prime)  
New proposal, applied research project, 1.5 years - \$39,751

**Lacy Cleveland**, MAST

*"SMART-T: A statewide professional learning community connecting secondary rural STEM teachers"*

U.S. Department of Education  
New proposal, applied research project, 5 years - \$2,858,260  
Co-PI: Lori Reinsvold, NHS MAST

**Anton Dzhamay**, Mathematical Sciences

*"Schlesinger Transformations and Discrete Painleve Equations"*

Simons Foundation  
New proposal, basic research project, 5 years - \$35,000

**Nathaniel Eldredge**, Mathematical Sciences

*"Collaboration in Probability and Stochastic Analysis (2015-2020)"*

Simons Foundation  
New proposal, basic research project, 5 years - \$35,000

**Scott Franklin**, Biological Sciences

*"Temporal and Spatial Patterns of Montane Forest Composition and Coarse Woody Debris in Colorado"*

U.S. Department of the Interior, Bureau of Land Management  
New proposal, basic research project, 3 years - \$73,775  
Co-PI: Claudia Regan, U.S. Forest Service

**Seth Frieze**, Biological Sciences

*"The Role of ZNF217 in ER+ Breast Cancer"*

University of California at Davis Subaward – National Institutes of Health prime  
Resubmission proposal, basic research project, 5 years - \$842,843

*"Exploring the Functional Roles of IKAROS and AIOLOS in B Cells and as Targets of the Multiple Myeloma Drug Thalidomide"*

National Institutes of Health  
New proposal, basic research project, 3 years - \$423,754

**Seth Frieze**, continued

*"Integration and epigenetic regulation of the HHV-6 genome"*

National Institutes of Health

New proposal, basic research project, 2 years - \$358,409

**Derek Headley**, Human Sciences, Audiology and Speech Language Sciences

*"Base of Tongue Strength Measuring Device for Dysphagia Assessment"*

Creare, Inc.

New proposal, development research project, <1 year - \$16,458

**Melissa Henry**, Nursing

*"Nurse Faculty Loan Program FY'15"*

U.S. Department of Health and Human Services, HRSA

New proposal, scholarship project, 1 year - \$155,000

**William Hoyt**, Sport and Exercise Science

*"Geosciences/Environmental Student Curriculum and Recruitment: Inviting Diverse Students to Sustain their Future"*

Science Education Resource Center – NSF funding

Preliminary proposal, academic support project, 1 year - \$44,891

**David Hydock**, Sport and Exercise Science

*"Combating Chemotherapy-induced Muscle Weakness and Fatigue with Exercise"*

National Institutes of Health

New proposal, basic research project, 3 years - \$408,618

**Richard Hyslop**, Chemistry and Biochemistry

*"Development of a Human Clinical Trial-ready Cannabinoid + Cell-in-a-Box® Cellulose-based Live Cell Encapsulation Combination for the Targeted Treatment of Pancreatic, Brain, and Other Cancers"*

Colorado Department of Public Health and Environment

New proposal, applied research project, 3 years - \$1,905,320

Co-PIs: Ann Hawkinson and Stephen Mackessy, NHS Biological Sciences; Corina Brown, NHS Chemistry and Biochemistry; Mark L. Rabe, Nuvilex, Inc.

**Susan Keenan**, Biological Sciences

*"Synthesis and Analysis of Potential Flavivirus Inhibitors"*

Colorado Center for Drug Discovery (C2D2)

New proposal, basic research project, \$0 (budget is not submitted with proposal)

**Mitchell McGlaughlin**, Biological Sciences

*"A Genetic Assessment of *Cryptantha Gypsophila* (Gypsum Valley Cateye): Genetic Diversity and Taxonomic Relations in Big Gypsum Valley Colorado"*

U.S. Department of the Interior, Bureau of Land Management

Supplement proposal, basic research project, 1 year - \$15,000

*"Improving Doctoral Education in Biology at UNC"*

U.S. Department of Education

New proposal, scholarship project, 3 years - \$442,917

**Deanna Meinke**, Human Sciences, ASLS

*"STEM game to educate and promote hearing health and science for 4th to 7th grade"*

Creare, Inc.

New proposal, development research project, <1 year - \$44,097

**Nathaniel Miller**, Mathematical Sciences

*"A Mentoring Program for Learning to Teach College Geometry Classes Using Inquiry-Based Techniques"*

Educational Advancement Foundation

New proposal, scholarship project, 3 years - \$50,001

**Michael Mosher**, Chemistry and Biochemistry  
*"Chiral Transfer in Ionic Liquid Solvents"*  
American Chemical Society  
New proposal, basic research project, 2 years - \$110,000

**Kimberly Murza**, Human Sciences, Audiology and Speech Language Sciences  
*"Collaborating Around Language and Literacy: A Service Learning Project"*  
Campus Compact of the Mountain West  
New proposal, instruction project, 1 year - \$1,976

Kimberly Murza, continued  
*"The Relationship of Pragmatic Language and Employment Success in Adults with High-Functioning Autism Spectrum"*  
American Speech-Language-Hearing Association  
New proposal, applied research project, 1 year - \$9,997

**Jodie Novak**, Mathematical Sciences  
*"Collaborative Research: Initiating a Foundational Research Model for Secondary Mathematical Knowledge for Teaching (INFORMS MKT)"*  
National Science Foundation  
New proposal, basic research project, 3 years - \$1,049,184  
Co-PI: Frieda Parker and Robert Powers, NHS Mathematical Sciences

**Lori Reinsvold**, MAST Institute  
*"Northern Colorado STEM Collaboration"*  
Colorado Department of Higher Education, U.S. Department of Education pass through funding  
New proposal, instruction project, 1+ years - \$176,756  
Co-Principal Investigator: Lacy Cleveland, MAST Institute

**Scott Sabella**, Human Sciences, TACE Center  
*"Job-Driven Vocational Rehabilitation Technical Assistance Center"*  
George Washington University subaward – U.S. Department of Education prime  
New proposal, instruction project, 3 years - \$780,000

*"RRTC on VR Practices for Youth and Young Adults"*  
U.S. Department of Education  
New proposal, instruction project, 5 years - \$4,375,000

**Richard Schwenz**, Chemistry & Biochemistry  
*"Partnerships for STEM Modeling Instruction"*  
Colorado Department of Higher Education – U.S. Department of Education pass through funding  
New proposal, instruction project, 1+ years - \$198,053

**Julie Sexton**, MAST  
*"Developing Literacy in an Out-of-School Time Science Research Program"*  
National Institute on Out-of-School Time sub – Robert Bowne Foundation prime  
New proposal, basic research project, 1 year - \$23,516  
Co-PI: Lori Ball, NHS MAST

*"Research in Service to Practice: Longitudinal Impact of Out-of-School Science Research Experiences on Teenage Learners' Attitudes, Knowledge, and Academic and Career Choices"*  
National Science Foundation  
New proposal, basic research project, 5 years, \$1,274,213  
Co-PIs: Lori Ball, NHS MAST; Trent Lalonde, CEBS Applied Statistics and Research Methods

**Marcia Shafer**, Human Sciences, Retired and Senior Volunteer Program  
*"Weld County Retired and Senior Volunteer Program"*  
Corporation for National and Community Service  
Supplement proposal, public service project, 1 year - \$2,500

**Marcia Shafer**, continued  
*"Weld County Stand Down Day"*  
U.S. Department of Labor  
New proposal, public service project, 1 year - \$7,000

**Jeremy Smith**, Sport and Exercise Science  
*"Development of a Real-time Feedback Prosthetic Socket"*  
U.S. Department of Defense  
Preliminary proposal, basic research project, 4 years - \$0 (no budget in preliminary proposal)

**Audrey Snyder**, Nursing  
*"An Academic-Practice Partnership to train AGACNPs to improve care of rural adults across the transitions of care"*  
U.S. Department of Health and Human Services, HRSA  
New proposal, instruction project, 3 years - \$1,796,364

**Hortensia Soto-Johnson**, Mathematics  
*"Las Chicas de Matematicas"*  
Mathematical Association of America  
New proposal, instruction project, 1 year - \$6,000

**Megan Babkes Stellino**, Sport and Exercise Science  
*"Executive Function as a Predictor of Success Among Collegiate Baseball Players"*  
Association for Sport Psychology  
New proposal, applied research project, 1 year - \$675  
Co-Principal Investigators: Robert Brustad and Lyndsie Coleman, Sport and Exercise Science

**Mark Thomas**, Biological Sciences  
*"Dopamine Receptor Modulation of Specified Synapses on Mouse Medial Prefrontal Layer 5 Neurons"*  
Brain and Behavior Research Foundation  
New proposal, basic research project, 2 years - \$100,000

**Robert Walch**, Physics and Astronomy  
*"2010 NASA Space Grant Year 6"*  
University of Colorado, Boulder (direct) – NASA (prime)  
Continuation proposal, development research project, 1 year - \$25,000  
Co-PIs: Cynthia Galovich and Matthew Semak, NHS Physics and Astronomy

*"Undergraduate Research and Education in Space Science (2010 NASA Space Grant Year6)"*  
University of Colorado, Boulder (direct) – NASA (prime)  
Continuation proposal, development research project, 1 year - \$25,000

**Joyce Weil**, Human Sciences, Gerontology  
*"An Evaluation of Home and Community Based Services (HCBS) for Older Adults: Building Efficient Rural and Metropolitan Models Utilizing a Community Participatory Approach"*  
National Institute on Aging  
New proposal, applied research project, 3 years - \$410,988  
Co-PI: Nancy Karlin, CEBS Psychological Sciences

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## **Performing & Visual Arts – 4 proposals - \$152,254**

**Jill Burgett**, Music  
*"UNC Chamber Choir Cultural Understanding Tour"*  
U.S. Department of State, Public Affairs Section  
New proposal, public service project, 1 year - \$50,000

**Andrew Dahlke**, Music  
*"Hemispheres Saxophone Quartet Teaching, Performing, Educational/Cultural Exchange Tour of China"*  
U.S. Department of State, Public Affairs Section  
New proposal, public service project, 1 year - \$18,316

**Connie Stewart**, Art and Design, Center for Integrated Arts Education  
*"Arts Education Leadership Institute: An Interchange of Traditional and Contemporary Arts and Culture"*  
National Endowment for the Arts  
New proposal, public service project, 2 years - \$53,918

**Dana Landry, Music**  
*"46<sup>th</sup> Annual UNC/Greeley Jazz Festival"*  
National Endowment for the Arts  
New proposal, public service project, 1 year - \$30,020

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### **University Libraries – 3 proposals - \$12,700**

**Joan Lamborn**  
*"Purchase of intervention programs that have been shown to improve literacy for use by Reading, Special Education and Teacher Education faculty and students"*  
Colorado State Library  
New proposal, academic support project, 1 year - \$3,700

**Jane Monson**  
*"Digital Preservation Planning for the University of Northern Colorado University Libraries"*  
National Endowment for the Humanities  
New proposal, academic support project, 1 year - \$6,000

**Jay Trask**  
*"Latino Americans: 500 Years of History Library Program"*  
American Library Association  
New proposal, academic support project, 1 year - \$3,000

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### **Academic Affairs Units – 1 proposal - \$1,412,425**

**Shawanna Kimbrough**, Academic Support and Advising  
*"University of Northern Colorado Student Support Services Project 2015-2020"*  
U.S. Department of Education  
New proposal, student support project, 5 years - \$1,412,425

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### **Office of the President – 1 proposals - \$460,000**

**Kristin Klopfenstein, Education Innovation Institute**  
*"Early College Strategies for ALL"*  
University of North Carolina, Greensboro (direct) – North Carolina New Schools (prime) – U.S. Department of Education funding  
New proposal, applied research project, 5 years - \$460,000

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UNIVERSITY of  
**NORTHERN COLORADO**  
**Sponsored Programs Proposal Activity for Fiscal Year 2015**  
 July 1, 2014 through June 30, 2015

Total Proposal Activity							
	PRIME	SUB	TOTAL	1st Budget Period Direct Costs	1st Budget Period F&A Costs	1st Budget Period Total Costs	Total Project Costs
Education & Behavioral Sciences	15	6	21	2,241,456	569,947	\$2,811,403	\$7,081,400
Humanities & Social Sciences	5	0	5	622,330	77,244	\$699,574	\$2,377,721
Monfort College of Business	3	0	3	112,392	2,608	\$115,000	\$115,000
Natural & Health Sciences	30	14	44	4,961,891	799,533	\$5,761,424	\$20,800,207
Performing & Visual Arts	4	0	4	87,742	14,799	\$102,541	\$152,254
University Libraries	3	0	3	12,700	0	\$12,700	\$12,700
Academic Affairs	1	0	1	262,553	19,932	\$282,485	\$1,412,425
Finance & Administration			0				
President's Office	0	1	1	66,667	23,333	\$90,000	\$460,000
<b>TOTALS</b>	<b>61</b>	<b>21</b>	<b>82</b>	<b>\$8,367,731</b>	<b>\$1,507,396</b>	<b>\$9,875,127</b>	<b>\$32,411,707</b>

Proposal Activity by Project Type																
	Research		Academic Support		Instruction		Public Service		Student Services		Institutional Support		Scholarships / Fellowships		Totals All Proposals	
CEBS	16	5,405,735			4	1,575,665	1	100,000							21	\$7,081,400
HSS	4	2,292,721					1	85,000							5	\$2,377,721
MCB	1	20,000					2	95,000							3	\$115,000
NHS	29	11,503,138	1	44,891	9	8,594,760	2	9,500				3	647,918	44	\$20,800,207	
PVA							4	152,254						4	\$152,254	
Libraries			3	12,700										3	\$12,700	
AcdAffrs									1	1,412,425				1	\$1,412,425	
Fin&Adm																
President	1	460,000												1	\$460,000	
<b>TOTALS</b>	<b>51</b>	<b>\$19,681,594</b>	<b>4</b>	<b>\$57,591</b>	<b>13</b>	<b>\$10,170,425</b>	<b>10</b>	<b>\$441,754</b>	<b>1</b>	<b>\$1,412,425</b>	<b>0</b>	<b>\$0</b>	<b>3</b>	<b>\$647,918</b>	<b>82</b>	<b>\$32,411,707</b>

# University of Northern Colorado

## Extramural Awards

### Fiscal Year 2015

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The Office of Sponsored Programs reports that the following 46 extramural awards, totaling \$5,541,055 were received by the University of Northern Colorado during Fiscal Year 2015.

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#### College of Education & Behavioral Sciences – 11 awards - \$1,768,553

**Rashida Banerjee**, Special Education

*“Training Rural Early Educators (Project TREE)”*

U.S. Department of Education

New award, instruction project

Year 1 of 5 - \$249,175 (awarded to date: \$249,175 – total anticipated award \$1,169,973)

*“Training Rural Early Educators (Project TREE)”*

U.S. Department of Education

Out-year award, instruction project

Year 2 of 5 - \$228,663 (awarded to date: \$477,838 – total anticipated award \$1,169,973)

*“Preparing Paraprofessionals for Early Childhood Education [Project P2 ECE]”*

University of Colorado, Denver (direct) – U.S. Department of Education (prime)

Out-year award, instruction project

Year 4 - \$26,357 (awarded to-date \$100,335 – total anticipated award \$100,335)

**Anne Bell**, Dean’s Office, Teaching with Primary Sources

*“Teaching with Primary Sources Program Regional Project Continuation Funding”*

U.S. Library of Congress

Out-year award, instruction project

Year 9 - \$210,000 (awarded to-date: \$2,650,000 – total anticipated award \$2,650,000)

**Paula Conroy**, Special Education

*“Teachers of Students with Visual Impairment and Orientation and Mobility Instructors: Personnel Preparation to Meet the Needs of Diverse Learners”*

U.S. Department of Education

Out-year award, instruction project

Year 3 of 5 - \$248,011 (awarded to-date: \$745,201 – total anticipated award: \$1,244,128)

**Kay Ferrell**, Special Education

*“Pakistan Teaching Excellence and Achievement Program”*

IREX

New award, instruction project

1 year - \$202,795 (total anticipated award \$202,795)

**Heather Helm**, Applied Psychology and Counselor Education

*“UNC and CSU Collaborative Planning Grant – Campus Corps”*

Colorado State University (direct) – El Pomar Foundation (prime)

New award, instruction project

1 year - \$18,056 (total anticipated award \$18,056)

**James Kole**, Psychological Sciences

*“Effects of Long-Duration Spaceflight on Training Retention: Background Experiments in the Laboratory”*

University of Colorado Boulder (direct) – NASA (prime)  
Out-year award, basic research project  
Year 2 of 3 - \$19,969 (awarded to-date \$24,769 – total anticipated award \$45,536)

**John Luckner**, Special Education

*“Project ACCESS4ALL: A Western Regional Training Program to Prepare Teachers of Students who are Deaf or Hard of Hearing”*

U.S. Department of Education

Out-year award, instruction project

Year 3 of 4 - \$236,902 (awarded to-date: \$704,111 – total anticipated award: \$943,651)

*“National Leadership Consortium in Sensory Disabilities”*

Salus University subaward – U.S. Department of Education prime

Continuation award, scholarship project

Year 5 - \$28,625 (awarded to-date: \$517,104 –total anticipated award: \$517,104)

**Anna Witter-Merithew**, DOIT Center

*“Mid-America Regional Interpreter Educational Center (MARIE)”*

U.S. Department of Education

Out-year award, instruction project

Year 5 of 5 - \$300,000 (awarded to-date: \$1,494,759 – total anticipated award: \$1,494,759)

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**Monfort College of Business – 5 awards - \$300,000**

**Richard Pickett**, Small Business Development Center

*“Economic Gardening with Business Consulting”*

Colorado Office of Economic Development and International Trade

New award, public service project

One year - \$20,000

*“UNC BizHub Collaborative”*

Colorado Office of Economic Development and International Trade

New award, public service project

>1 year - \$75,000 (total anticipated award \$75,000)

*“East Colorado Small Business Development Center 2015”*

Colorado Office of Economic Development and International Trade

New award, public service project

1 year - \$135,000 (total anticipated award \$135,000)

*“East Colorado Small Business Development Center 2015”*

Weld County

New award, public service project

1 year - \$65,000 (total anticipated award \$65,000)

*“East Colorado Small Business Development Center 2015”*

Aims 5+Community College

New award, public service project

1 year - \$5,000 (total anticipated award \$5,000)

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**College of Natural & Health Sciences – 24 awards - \$2,455,444**

**Jill Bezyak**, Human Sciences

*“The Rocky Mountain ADA Center: Principal Investigator Subcontract”*

Meeting the Challenge subaward – U.S. Department of Education prime

Continuation award, applied research project  
Year 2 - \$30,000 (awarded to-date: \$66,723 – total anticipated award: \$66,723)

Jill Bezyak, continued  
*“Long-term Training in Rehabilitation Counseling”*  
U.S. Department of Education  
Out-year award, instruction project  
Year 5 of 5 - \$146,214 (awarded to-date: \$708,580 – total anticipated award: \$708,580)

**Patrick Burns**, Biological Sciences  
*“GameteGuard: a novel method to counteract fertility decline in dairy cattle”*  
Membrane Protective Technologies, Inc.  
New award, development research project  
1 year award - \$9,861 (awarded to-date: \$9,761 – total anticipated award: \$9,761)

**Russell Carson**, Sport and Exercise Science  
*“Utilizing Physical Activity Coordinators to Increase Physical Activity among Youth”*  
University of South Carolina (direct) – National Heart, Lung and Blood Institute (prime)  
New award, applied research project  
1½ year award - \$19,530 (total anticipated award: \$39,751)

*“Utilizing Physical Activity Coordinators to Increase Physical Activity among Youth”*  
University of South Carolina (direct) – National Heart, Lung and Blood Institute (prime)  
Continuation award, applied research project  
Year 2 - \$20,221 (awarded to-date \$39,751 – total anticipated award: \$39,751)

**Elizabeth Franklin**, MAST (Hispanic Studies)  
*“Mathematics and Science Teaching for English Learners (MAST-EL)”*  
U.S. Department of Education  
Out-year award, instruction project  
Year 4 of 5 - \$363,390 (awarded to-date: \$1,519,097 – total anticipated award: \$1,804,412)  
Co-Principal Investigators: Lori Reinsvold, NHS MAST Institute; Jennifer Harding-Dekam, CEBS  
Teacher Education; Youngjin Song, NHS Chemistry and Biochemistry

**Seth Frieze**, Biological Sciences  
*“MRI: Acquisition of a High Performance Computing Cluster for Multidisciplinary Research and Education at the University of Northern Colorado”*  
National Science Foundation  
New award, basic research project  
3 year award - \$139,948 (awarded to-date: \$139,948 – total anticipated award: \$139,948)  
Co-Principal Investigators: Mehrgan Mostowfi, NHS Mathematical Sciences; Wendilyn Flynn, NHS Earth and Atmospheric Sciences; David Hydock, NHS Sport and Exercise Science; David Lerach, NHS Earth and Atmospheric Sciences

**Janice Hayes**, Nursing  
*“Nurse Faculty Loan Program FY’14”*  
U.S. Department of Health and Human Services, HRSA  
New award, loan program  
1 year award - \$81,140 (total anticipated award: \$81,140)

**Melissa Henry**, Nursing  
*“Nurse Faculty Loan Program FY’15”*  
U.S. Department of Health and Human Services, HRSA  
New award, loan program

1 year award - \$85,078 (total anticipated award: \$85,078)

**Robert Houser**, Chemistry and Biochemistry

*"MRI: Acquisition of a Single Crystal X-Ray Diffractometer"*

National Science Foundation

New award, basic research project

3 year award - \$218,827 (awarded to-date: \$218,827 – total anticipated award: \$218,827)

Co-Principal Investigators: Robin Macaluso and Michael Mosher, NHS Chemistry and Biochemistry

**Robin Macaluso**, Chemistry and Biochemistry

*"Synthesis, Characterization and Properties of Pr-Based Heavy Fermions"*

National Science Foundation

Supplement awards (2), basic research project

5<sup>th</sup> year - \$24,309 (awarded to-date: \$434,309 – total anticipated award: \$434,309)

**Mitchell McGlaughlin**, Biological Sciences

*"A Genetic Assessment of *Cryptantha Gypsophila* (Gypsum Valley Cateye): Genetic Diversity and Taxonomic Relations in Big Gypsum Valley Colorado"*

U.S. Department of the Interior, Bureau of Land Management

Supplement award, basic research project

Year 4 of 5 - \$15,000 (awarded to-date: \$60,000 – total anticipated award: \$75,000)

**Deanna Meinke**, Human Sciences, Audiology and Speech Language Sciences

*"Wireless and Noise Attenuating Headset for Automated Hearing Screening"*

Creare, Inc.

Out-year award, applied research project

Year 2 of 2 - \$28,188 (awarded to-date \$56,377 – total anticipated award: \$56,377)

*"An Academic-Practice Partnership to train AGACNPs to improve care of rural adults across the transitions of care"*

Creare, Inc. (direct) – National Inst. on Deafness and Other Communication Disorders (prime)

Out-year award, applied research project

Year 2 of 2 - \$47,368 (awarded to-date \$103,747 – total anticipated award: \$103,747)

**Kim Murza**, Human Sciences, Audiology and Speech Language Sciences

*"Collaborating Around Language and Literacy: A Service Learning Project"*

Campus Compact of the Mountain West

New award, instruction project

<1 year - \$1,500 (total anticipated award: \$1,500)

**Jodie Novak**, Mathematical Sciences

*"Pueblo 70 Math Discourse Math Science Partnership"*

Pueblo County School District D70 sub, Colorado Department of Education prime

New award, instruction project

1 year award - \$72,926 (total anticipated award: \$72,196)

CoPI: Frida Parker, NHS Mathematical Sciences

**Rob Powers**, Mathematical Sciences

*"Supporting Understanding through Meaningful Mathematical Instructional Tasks (SUMMIT)"*

Colorado BOCES Northwest subaward – U.S. Department of Education prime

New award, instruction project

2 year award - \$69,346 (awarded to-date: \$69,346 – total anticipated award: \$141,453)

Co-Principal Investigators: Jennifer Harding DeKam, CEBS Teacher Education

**Lori Reinsvold, MAST**

*"Eagle School District Math Science Partnership"*

Eagle County Colorado School District Re-50 subaward – U.S. Department of Education prime  
New award, instruction project

1 year award - \$16,449 (awarded to-date: \$16,449 – total anticipated award: \$16,449)

Lori Reinsvold, continued

*"Northern Colorado STEM Collaboration"*

Colorado Department of Higher Education sub – U.S. Department of Education prime  
New award, instruction project

>1 year award - \$176,757 (total anticipated award: \$176,757)

CoPI: Lacy Cleveland, NHS MAST

**Robert Reinsvold, Biological Sciences**

*"Collaborative Research: CO-STEM Capacity Building Project"*

National Science Foundation

New award, instruction project

2 year award - \$207,557 (awarded to-date: \$207,557 – total anticipated award: \$207,557)

Co-Principal Investigators: Wendy Adams, NHS Physics and Astronomy; Christy Moroye, CEBS  
Teacher Education

**Marcia Shafer, Human Sciences, RSVP**

*"Weld County Retired and Senior Volunteer Program 2013-2016"*

Corporation for National and Community Service

Continuation award, public service project

Year 3 of 3 - \$66,059 (awarded to-date \$282,177 – total anticipated award: \$282,177)

*"Weld County Stand Down Day"*

U.S. Department of Labor

New award, public service project

<1 year - \$7,000 (total anticipated award: \$7,000)

**Audrey Snyder, Nursing**

*"An Academic-Practice Partnership to train AGACNPs to improve care of rural adults across the  
transitions of care"*

U.S. Department of Health and Human Services, HRSA

New award, instruction project

Year 1 of 3 - \$608,776 (awarded to-date \$608,776 – total anticipated award: \$1,796,364)

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**College of Performing and Visual Arts – 1 award - \$35,000**

**Connie Stewart, Center for Integrated Arts Education**

*"Arts Education Leadership Institute: An Interchange of Traditional and Contemporary Arts and  
Culture"*

National Endowment for the Arts

New award, public service research project

2 year award - \$35,000 (total anticipated award: \$35,000)

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**University Libraries – 1 award - \$3,000**

**Jay Trask**, Archival Services  
*"Latino Americans: 500 Years of History Library Program"*  
American Library Association  
New award, institutional support project  
1 Year award - \$3,000 (awarded to-date \$3,000– total anticipated award: \$3,000)

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**Academic Affairs Units – 2 awards - \$515,346**

**Krista Caufman**, University College, McNair Scholars  
*"UNCO McNair Scholars Program 2012-2017"*  
U.S. Department of Education  
Out-year award, student services project  
Year 3 of 5 - \$252,846 (awarded to-date: \$745,314 – total anticipated award: \$1,251,006)

**Eric Rennaker**, University College, Upward Bound  
*"University of Northern Colorado Upward Bound Program - 2012-2017"*  
U.S. Department of Education  
Out-year award, student services project  
Year 4 of 5 - \$262,500 (awarded to-date \$1,036,271 - total anticipated award: \$1,298,771)

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**University Libraries – 1 award - \$3,712**

**Joan Lamborn**,  
*"Purchase of Intervention Programs that Have Been Shown to Improve Literacy for Use by Reading, Special Education and Teacher Education Faculty and Students"*  
Colorado Department of Education  
New award – academic support project  
1 year award - \$3,712 (total anticipated award: \$3,712)

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**Office of the President – 1 award - \$460,000**

**Kristin Klopfenstein**, Education Innovation Institute  
*"Early College High School Scale-Up"*  
University of North Carolina, Greensboro (direct) – North Carolina New Schools (prime)  
New award, applied research project  
3.5 year award - \$460,000 (total anticipated award: \$460,000)

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UNIVERSITY of  
**NORTHERN COLORADO**  
**Sponsored Programs Award Activity for Fiscal Year 2015**  
 July 1, 2014 through June 30, 2015

Award Activity by Award Type										Total Award Funding		
	# of Awards Received	New Awards		Continuation Awards		Out-Year Awards		Supplement Awards		Direct Costs Awarded	F&A Costs Awarded	Total Funding Awarded
Education & Behavioral Sciences	11	3	470,026	1	210,000	6	1,059,902	1	28,625	1,677,201	91,352	\$1,768,553
Humanities & Social Sciences	0	0	0	0	0	0	0	0	0	0	0	\$0
Monfort College of Business	5	5	300,000	0	0	0	0	0	0	300,000	0	\$300,000
Natural & Health Sciences	24	13	1,714,695	3	116,280	4	585,160	4	39,309	2,262,879	192,565	\$2,455,444
Performing & Visual Arts	1	1	35,000	0	0	0	0	0	0	25,926	9,074	\$35,000
University Libraries	2	2	6,712	0	0	0	0	0	0	6,712	0	\$6,712
Academic Affairs	2	1	745,314	0	0	1	262,500	0	0	484,028	31,318	\$515,346
Finance & Administration	0	0	0	0	0	0	0	0	0	0	0	\$0
President's Office	1	1	460,000	0	0	0	0	0	0	335,870	124,130	\$460,000
<b>TOTALS</b>	<b>46</b>	<b>26</b>	<b>\$3,731,747</b>	<b>4</b>	<b>\$326,280</b>	<b>11</b>	<b>\$1,907,562</b>	<b>5</b>	<b>\$67,934</b>	<b>\$5,092,616</b>	<b>\$448,439</b>	<b>\$5,541,055</b>

Award Activity by Project Type																		
	Prime	Sub	Research		Academic Support		Instruction		Public Service		Student Services		Institutional Support		Scholarships / Fellowships		Totals All Awards	
CEBS	7	4	1	19,969	0	0	9	1,719,959	0	0	0	0	0	0	1	28,625	11	\$1,768,553
HSS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
MCB	5	0	0	0	0	0	0	0	5	300,000	0	0	0	0	0	0	5	\$300,000
NHS	15	9	11	553,252	0	0	9	1,662,915	2	73,059	0	0	0	0	2	166,218	24	\$2,455,444
PVA	1	0	0	0	0	0	0	0	1	35,000	0	0	0	0	0	0	1	\$35,000
Libraries	2	0	0	0	1	3,712	0	0	0	0	0	0	1	3,000	0	0	2	\$6,712
Acad Affrs	2	0	0	0	0	0	0	0	0	0	2	515,346	0	0	0	0	2	\$515,346
Fin&Adm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
President	0	1	1	460,000	0	0	0	0	0	0	0	0	0	0	0	0	1	\$460,000
<b>TOTALS</b>	<b>32</b>	<b>14</b>	<b>13</b>	<b>\$1,033,221</b>	<b>1</b>	<b>\$3,712</b>	<b>18</b>	<b>\$3,382,874</b>	<b>8</b>	<b>\$408,059</b>	<b>2</b>	<b>\$515,346</b>	<b>1</b>	<b>\$3,000</b>	<b>3</b>	<b>\$194,843</b>	<b>46</b>	<b>\$5,541,055</b>