UNC TOTALS for FISCAL YEAR 2014 ................. 93 Proposals - $21,308,288

COLLEGE OF EDUCATION AND BEHAVIORAL SCIENCES ............... 20 Proposals - $5,958,506

Applied Psychology and Counselor Education ........................................ 1 Award - $9,994

Jennifer Murdock
- *Athletes and Resiliency: Supporting Retention and Academic Success*
  - National Collegiate Athletic Association (NCAA)
  - Applied research project – New proposal – <1 year, $9,994

Applied Statistics and Research Methods ............................................. 6 Proposals - $848,238

Lisa Rue
- *Mother Bear Preliminary Evaluation*
  - Foundation for Excellence in Mental Health Care, Inc.
  - Applied research project – New proposal – <1 year, $3,500
- *Vale Esperar – Tool Development for Cross-Cultural Evaluation*
  - Congregacion Leon de Juda
  - Applied research project – New proposal – <1 year, $11,000
- *Families Healing Together – Formative Evaluation*
  - Foundation for Excellence in Mental Health Care, Inc.
  - Applied research project – New proposal – <1 year, $3,552
- *Secondary Abstinence within a Risk Reduction Model: An Understudied Opportunity?*
  - National Institutes of Health
  - Applied research project – Resubmission proposal – 2 years, $411,801
- *Jefferson County School District Employee Survey Development and Pilot*
  - Jefferson County
  - Applied research project – New proposal – <1 year, $28,195
- *Time Out! Periodic Abstinence after Sexual Debut: An Understudied Opportunity?*
  - National Institutes of Health
  - Basic research project – New proposal – 2 years, $390,190

CEBS Dean’s Office, Teaching with Primary Sources .................. 1 Proposal - $410,000

Anne Bell
- *Teaching with Primary Sources (2015-2016 local program)*
  - Library of Congress
  - Instruction project – Renewal proposal – 2 years, $410,000
Psychological Sciences ................................................................. 3 Proposals - $774,955

**James Kole**

_Effects of Long-Duration Spaceflight on Training Retention: Background Experiments in the Laboratory_

University of Colorado Boulder sub sponsor – NASA prime sponsor
Basic research project – New proposal – 3 years, $45,536

**Kristina Phillips**

_Understanding the Dynamics of College Student Marijuana Use: A Study using EMA_

National Institutes of Health
Applied research project – Resubmission proposal – 3 years, $494,578
Co-PIs: Michael Phillips, CEBS Psychological Sciences; Trent Lalonde, CEBS ASRM

**Marilyn Welsh**

_Be BrainWise, Be Healthy: Building Healthy Habits in Homeless Children_

National Institutes of Health
Applied research project – New proposal – 2 years, $234,841

Special Education ................................................................. 6 Proposals - $3,665,304

**Rashida Banerjee**

_Training Rural Early Educators (Project TREE)_

U.S. Department of Education
Instruction project – Resubmission proposal – 5 years, $1,169,973

**Jennifer Ritchotte**

_Assessing the Need for Self-Determination among Gifted Students_

Spencer Foundation
Basic research project – New proposal – 1 year, $40,420

**Tracy Mueller**

_Preparing the Future: A Graduate Certificate in Literacy for General and Special Educators_

Colorado Department of Higher Education
Development research project – New proposal – 1+ years, $196,241
Co-PI: Jeraldine Kraver, HSS English

**Corey Pierce**

_Testing the Efficacy of Embedded Social Skills within a Universal Classroom Management Program: Well-Managed Schools_

University of Nebraska Lincoln sub sponsor - U.S. Department of Education prime sponsor
Applied research project – New proposal – 4 years, $609,172

_A Partnership Exploring Response to Intervention as a Statewide Mandate_

U.S. Department of Education
Applied research project – New proposal – 1 year, $399,720
Co-PI: Kristin Klopfenstein, Education and Innovation Institute

**Harvey Rude**

_Performance-based Preparation of Special Education Faculty in Cultural and Linguistic Diversity, Early Childhood Special Education, and Low Prevalence Disabilities_

U.S. Department of Education
Instruction project – New proposal – 5 years, $1,249,778
Teacher Education  ....................................................  3 Proposals - $250,015

Jennifer Harding-DeKam  
*Eastern Colorado Math Partnership*  
Colorado Department of Education  
Instruction project – New proposal – 2 years, $71,995  
Co-PI: Robert Powers, NHS Mathematical Sciences

Christy Moroye  
*Curriculum Talk: CRISPA across the Curriculum*  
Spencer Foundation  
Basic research project – New proposal – 1 year, $47,633

  *Collaborative Research: CS 10K: C-START: Colorado-Strategic Approach to Rally Teachers*  
National Science Foundation  
Instruction project – New proposal – 3 years, $130,387

COLLEGE HUMANITIES AND SOCIAL SCIENCES  .............................  6 Proposals - $207,845

Anthropology  ...........................................................  3 Proposals - $39,983

Robert Brunswig  
*Northwest Colorado Paleoindian Study*  
U.S. Department of the Interior, Bureau of Land Management  
Applied research project – Continuation proposal – 1 year, $5,000

  *BLM-CO-KFO-North Park Cultural Landscapes Project*  
U.S. Department of the Interior, Bureau of Land Management  
Applied research project – Renewal proposal – <1 year, $15,000

Andrew Creekmore  
*Archaeological geophysics study of a Middle Bronze Age city in Erbil Province, Iraq*  
National Geographic Society  
Basic research project – New proposal – <1 year, $19,983

Criminal Justice  ............................................................  1 Proposal - $11,461

Sarah Goodrum  
*Study of the Arapahoe High School Shooting*  
Arapahoe County  
Basic research project – New proposal – <1 year, $11,461

Political Science and International Affairs  ................................  1 Proposal - $133,992

Christiane Olivo  
*East-Central Europe, 1989: The History and Philosophy of the Peaceful Revolutions*  
National Endowment for the Humanities  
Public service project – New proposal – 1 year, $133,992

Sociology  .................................................................  1 Proposal - $22,409

Angela Henderson  
*Achieving Academic Self-Efficacy: Establishing a Model for Student Athlete Bridge Programs*  
National Collegiate Athletic Association (NCAA)  
Applied research project – New proposal – <1 year, $22,409
MONFORT COLLEGE OF BUSINESS ........................................ 3 Proposals - $332,500

Small Business Development Center ........................................ 3 Proposals - $332,500

Richard Pickett
Northeast/East Central Colorado Small Business Development Center 2014
Colorado Office of Economic Development and International Trade
Public service project – Renewal proposal – year 1, $125,000

Portability Funded Satellite Offices for Logan, Adams, Elbert and Lincoln County
Colorado Office of Economic Development and International Trade
Public service project – New proposal – 1 year, $72,500

Northeast/East Central Colorado Small Business Development Center 2014
Colorado Office of Economic Development and International Trade
Public service project – New proposal – 1 year, $135,000

COLLEGE OF NATURAL AND HEALTH SCIENCES .......................... 60 Proposals - $14,752,260

Biological Sciences ................................................................. 12 Proposals - $3,980,035
6 Preliminary Proposals - $8

Lauryrn Benedict
An Integrative Study of the Avian Suture Zone in the Western United States using Genetic, Behavioral and GIS Methods
National Science Foundation
Basic research project – New proposal – 3 years, $331,809

An Integrative Study of the Avian Suture Zone in the Western United States using Genetic, Behavioral and GIS Methods
University of California Berkeley sub sponsor – National Science Foundation prime sponsor
Basic research project – Preliminary proposal – 3 years, $2 pre-proposal budget holder

The Effects of Latitude and Migration Distance on Bird Song Complexity
National Science Foundation
Basic research project – Preliminary proposal – 3 years, $2 pre-proposal budget holder

Patrick Burns
Filtration Device
Colorado Office of Economic Development and International Trade
Basic research project – New proposal – 1 year, $50,000

GameteGuard: a novel method to counteract fertility decline in dairy cattle
Membrane Protective Technologies, Inc.
Development research project – New proposal – <1 year, $9,861

Sue Ellen DeChenne
Developing Science Literacy: Is there a place for Sasquatch?
National Science Foundation
Applied research project – New proposal – 3 years, $1,853,018
Co-PIs: Joe Elkins and William Hoyt, NHS Earth and Atmospheric Sciences; Lori Reinsvold and Julie Sexton, NHS MAST Institute

Seth Frietze
The Role of ZNF217 in ER+ Breast Cancer
University of California Davis sub sponsor – National Institutes of Health prime sponsor
Basic research project – New proposal – 5 years, $249,750
(Seth Frietze, continued)

**MRI: Acquisition of a High Performance Computing Cluster for Multidisciplinary Research and Education at the University of Northern Colorado**

National Science Foundation  
Basic research project – New proposal – 3 years, $139,948  
Co-PIs: Mehrghan Mostowfi, NHS Mathematical Sciences; Wendilyn Flynn and David Learach, NHS Earth and Atmospheric Sciences; David Hydock NHS Sport and Exercise Science

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

University of California Davis sub sponsor – National Institutes of Health prime sponsor  
Basic research project – Resubmission proposal – 5 years, $249,750

**Karen Gomez**

**Collaborative Research: The Impact of Arbuscular Mycorrhizal Fungi on Tripartite Interactions with Barrel Medic and Pea Aphids**

National Science Foundation  
Basic research project – Preliminary proposal – 2 years, $2 pre-proposal budget holder

**Cycling During Potato Interactions with Mycorrhizal Fungo Belowground and Insect Herbivores Aboveground**

U.S. Department of Energy  
Basic research project – New proposal – 2 years, $0

**Susan Keenan**

**Proteomics and drug repositioning - new inhibitors and targets to combat dengue**

National Institute of Allergy and Infectious Diseases  
Basic research project – New proposal – 3 years, $400,254

**Synthesis and Analysis of pyrazol [1, 5-1] pyrimidines as Potential Flavivirus Inhibitors**

Colorado Center for Drug Discovery (C2D2)  
Basic research project – New proposal – 1 year, $21,180

**Judith Leatherman**

**RTK signaling and the choice between self-renewal and differentiation in Drosophila testis stem cells**

National Science Foundation  
Basic research project – New proposal – 3 years, $466,908

**RTK signaling and the choice between self-renewal and differentiation in Drosophila testis stem cells**

National Science Foundation  
Basic research project – Preliminary proposal – 3 years, $2 pre-proposal budget holder

**Mitchell McGlaughlin**

**Collaborative Proposal: Prickly Issues in Sclerocactus: Species Divergence and Its Relationship With Morphology and Ecology**

National Science Foundation  
Basic research project – Preliminary proposal – 3 years, $0 (preliminary budget)

**Collaborative Proposal: Understanding Divergence in Acmispon Subgenus Syrmatium (Fabaceae): the Intersection of Phylogenetics, Genomics, and Morphology**

National Science Foundation  
Basic research project – Preliminary proposal – $0 (preliminary budget)
Robert Reinsvold  
*Collaborative Research: CO-STEM Capacity Building Project*  
National Science Foundation  
Instruction project – New proposal – 2 years, $207,557  
Co-PIs: Wendy Adams, NHS Physics and Astronomy; Christy Moroye, CEBS Teacher Education

Chemistry and Biochemistry ............................................................... 7 Proposals - $895,209

Jack Barbera  
*Collaborative Research: Quality Evaluation Development in Chemistry (QED-Chem)*  
National Science Foundation  
Instruction project – New proposal – 2 years, $76,946

Robert Houser  
*Copper-Thioether Sulfur Redox Chemistry*  
National Science Foundation  
Basic research project – New proposal – 3 years, $280,259  
*MRI: Acquisition of a Single Crystal X-Ray Diffractometer*  
National Science Foundation  
Basic research project – New proposal – 3 years, $315,960  
Co-PIs: Robin Macaluso and Michael Mosher, NHS Chemistry and Biochemistry

Richard Hyslop  
*Cellular activation of cannabix-derived compounds to antineoplastically active compounds*  
Nuvilex, Inc.  
Basic research project – New proposal – <1 year, $192,235

Robin Macaluso  
*Supplement for Research Opportunity in Europe to Investigate LnCuxTe2 (Ln = La-Nd, Sm, Gd)*  
National Science Foundation  
Basic research project – Supplement proposal – Year 1, $7,628  
*Career-Life Balance Supplemental Request*  
National Science Foundation  
Basic research project – Supplement proposal – Year 2, $16,681

Jerry Suits  
*Amplifying Understanding with Multiple Modalities: Hearing and Seeing the Resonant Dance of Atmospheric Molecules*  
Gordon Research Conference  
Development research project – New proposal – 1 year, $5,500

Earth and Atmospheric Sciences ...................................................... 1 Proposal - $41,272

Lucinda Shellito  
*Collaborative Research: Increased Precipitation Extremes in Greenhouse Conditions: An Integrated Paleoclimate and Anthropogenic Perspective*  
National Science Foundation  
Basic research project – New proposal – 3 years, $41,272
Human Sciences ................................................................. 12 Proposals - $2,545,476

Jill Bezyak
Long-Term Training in Vocational Rehabilitation Counseling
U.S. Department of Education
Instruction project – New proposal – 5 years, $934,226

The Rocky Mountain ADA Center: Principal Investigator Subcontract
Meeting the Challenge sub sponsor – U.S. Department of Education prime sponsor
Applied research project – New proposal – <1 year, $36,723

Derek Headley
Base of Tongue Strength Measuring Device for Dysphagia Assessment
Creare, Inc. sub sponsor – National Institutes of Health prime sponsor
Development research project – New proposal – <1 year, $15,521

Deanna Meinke
Intergovernmental Personnel Agreement with DHHS
U.S. Department of Health and Human Services
Development research project – Continuation proposal – year 2, $20,900

Intergovernmental Personnel Agreement with DHHS
U.S. Department of Health and Human Services
Development research project – Continuation proposal – year 3, $20,000

System for the assessment of cochlear function
Creare, Inc.
Development research project – New proposal – <1 year, $16,561

Kim Murza
The Effectiveness of a Pragmatic Program for Adolescents with High-Functioning Autism
National Institutes of Health
Applied research project – New proposal – 3 years, $350,730

The Effectiveness of a Pragmatic Program for Adolescents with High-Functioning Autism
National Institute of Deafness and Other Communication Disorders
Applied research project – Resubmission proposal – 3 years, $350,471

Jennifer Pepper
Weld County Retired and Senior Volunteer Program (Disaster Supplement)
Corporation for National and Community Service
Public service project – Supplement proposal – 3 years, $80,000

Disaster Preparedness Program
Weld County
Public service project – New proposal – 1 year, $500

Scott Sabella
Region VIII Technical Assistance and Continuing Education Center (TACE)
U.S. Department of Education
Instruction project – Supplement proposal – year 6, $711,421

Jennifer Weber
Clinical Evaluation of New Directional Microphone Technology
Siemens Hearing Instruments
Applied research project – New proposal – <1 year, $8,423
MAST Institute ................................................................. 4 Proposals - $1,779,529

Steven Anderson
Collaborative Research: Preparing Teachers to Develop Instructional Materials Based on Climate Change Research to Maximize Student Learning
National Science Foundation
Basic research project – New proposal – 4 years, $1,058,463

Use of LiDAR and Co-Registered Sensors to Evaluate Lava Flow, Dome and Lava Lake Emplacement Processes
National Science Foundation
Basic research project – New proposal – 3 years, $528,389

Lori Reinsvold
Northern Colorado Mathematics Collaboration to Support Teacher Quality
Colorado Department of Higher Education
Instruction project – New proposal – 1+ years, $176,228

Eagle School District MSP
Eagle County Colorado School District Re-50 sub sponsor – Colorado Department of Education prime sponsor
Instruction project – New proposal – 1 year, $16,449

Mathematical Sciences .......................................................... 7 Proposals - $3,444,275

Anton Dzhamay
Geometry of Discrete Painlevé Equations
Simons Foundation
Basic research project – New proposal – 5 years, $35,000

Nathaniel Eldredge
Collaboration in Probability and Stochastic Analysis
Simons Foundation
Basic research project – New proposal – 5 years, $35,000

Gulden Karakok
Evaluation of National Research Experiences for Undergraduates Program
Mathematical Association of America
Basic research project – New proposal – <1 year, $7,500

Jodie Novak
Toward Improving Teachers' Identification and Evaluation of Instructional Practices Reflecting a Motivational Framework for Culturally Responsive Teaching
U.S. Department of Education
Applied research project – New proposal – 4 years, $1,500,000

Pueblo 70 Math Discourse Math Science Partnership
Pueblo County Colorado School District D70 sub sponsor – U.S. Department of Education prime sponsor
Instruction project – New proposal – 2 years, $225,322
Co-PI: Frida Parker, NHS Mathematical Sciences
Michael Oehrtman

*Characterizing Teacher Knowledge for Creating High Quality Learning Opportunities in Secondary Mathematics: Laying the Groundwork to Transform Teacher Training*

National Science Foundation
Applied research project – New proposal – 4 years, $1,500,000
Co-PIs: Jodie Novak, Catherine Parker and Robert Powers, NHS Mathematical Sciences

Robert Powers

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

Hayden Re1 School District sub sponsor – U.S. Department of Education prime sponsor
Instruction project – New proposal – 2 years, $141,453
Co-PI: Jennifer Harding-DeKam, CEBS Teacher Education

Nursing ......................................................... 3 Proposals - $790,748

Janice Hayes

*Advanced Education Nursing Traineeship 2014/2016*

U.S. Department of Health and Human Services, HRSA
Scholarships/fellowships project – New proposal – 2 years, $638,000

*Nurse Faculty Loan Program FY’14*

U.S. Department of Health and Human Services, HRSA
Scholarships/fellowships project – New proposal – 1 year, $135,252

Thomas Hill

*The effects of heavy metals in drinking water on antimicrobial defense in the lung*

University of Colorado Denver sub sponsor – NIOSH prime sponsor
Basic research project – New proposal – 1 year, $17,496

Physics and Astronomy ........................................ 2 Proposals - $213,635

Wendy Adams

*User-friendly Problem Solving Assessment Tool*

National Science Foundation
Development research project – New proposal – 3 years, $188,635

Robert Walch

*Undergraduate Research and Education in Space Science (2010 NASA Space Grant Year 5)*

University of Colorado Boulder sub sponsor – NASA prime sponsor
Development research project – Continuation proposal – year 5, $25,000
Co-PIs: Matthew Semak and Cynthia Galovich, Physics and Astronomy

Sport and Exercise Science ................................... 5 Proposals - $1,062,073

1 Preliminary Proposal - $0

Russell Carson

*Designed to Move: Design Filter Systematic Observation Tool Content Development*

University of California San Diego sub sponsor – NIKE prime sponsor
Development research project – Preliminary proposal – 1 year, $301,605

Jennifer Krause

*Preparing 21st Century Educators: TPACK in Physical Education Teacher Education*

SHAPE America
Basic research project – New proposal – 1 year, $4,372
Jeremy Smith

*Does Surgical Technique Influence Functional Outcomes Following Unilateral, Transtibial Amputation?*
U.S. Department of Defense
Basic research project – Preliminary proposal – 3 years, $0 (preliminary proposal budget)

*Does Surgical Technique Influence Functional Outcomes Following Unilateral, Transtibial Amputation?*
U.S. Department of Defense
Basic research project – Invited full proposal – 3 years, $680,681

Comparisons between Burgess and Ertl below knee amputation techniques: Effects on level walking and curb negotiation
National Institute of Child Health and Human Development
Scholarship/fellowship project – New proposal – 2 years, $74,315
Co-PI: Abbie Ferris, NHS Sport and Exercise Science

David Stotlar

*Implementing Purchase Behaviors in a Cross-National Analysis of Sponsorship Effectiveness*
North American Society of Sport Management
Applied research project – New proposal – 1 year, $1,100
Co-PI: Noni Zaharia, NHS Sport and Exercise Science

**COLLEGE OF PERFORMING AND VISUAL ARTS** .......................................................... 1 Proposal - $49,000

**Center for Integrated Arts Education** ................................................................. 1 Proposal - $49,000

Connie Stewart

*Art Education Professional Development Services for Colorado Teachers*
Think 360 Arts Complete Education subaward - Colorado Office of Economic Development and International Trade prime
Public service project – New proposal – 1 year, $49,000

**UNIVERSITY LIBRARIES** ................................................................. 1 Proposal - $3,677

Joan Lamborn

*Purchase of Materials to Support the Expansion of the Early Childhood Education Curriculum at UNC*
Colorado State Library
Academic support project – New proposal – <1 year, $3,677

**ACADEMIC AFFAIRS ADMINISTRATIVE UNITS** ......................................................... 2 Proposals - $4,500

Tobias Guzman, Enrollment Management and Student Access

*Partner to Weld County School District 6 GearUp Proposal*
Weld County School District 6 sub sponsor – U.S. Department of Education prime sponsor
Public service project – New proposal – 7 years, No budget

Emily Hedstrom-Lieser, Student Engagement, Counseling Center

*Tobacco Initiatives*
Weld County Department of Public Health and Environment
Student support project – New proposal – 1 year, $4,500
### Total Proposal Activity

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<th>Project Type</th>
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### Proposal Activity by Project Type

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8.1.14
UNC TOTALS for FISCAL YEAR 2014 ....................... 69 Awards - $6,630,078

COLLEGE OF EDUCATION AND BEHAVIORAL SCIENCES ...................... 19 Awards - $2,075,381

Applied Statistics and Research Methods ........................................... 3 Awards - $18,052

Lisa Rue
Mother Bear Preliminary Evaluation
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Applied research project – New award – <1 year, $3,500

Vale Esperar – Tool Development for Cross-Cultural Evaluation
Congregacion Leon de Juda
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Applied research project – New award – <1 year, $3,552

CEBS Dean’s Office, Teaching with Primary Sources .............................. 1 Award - $200,000

Anne Bell
Teaching with Primary Sources Program Regional Project Continuation Funding
Library of Congress
Instruction project – Out-year award – year 8, $200,000

Counselor Education & Supervision .................................................. 1 Award - $185,572

Elysia Clemens
Students in Foster Care: The Relationship between Mobility and Educational Outcomes
U.S. Department of Education
Applied research project – New award – Year 1, $185,572

DOIT Center ................................................................. 2 Awards - $600,000

Leilani Johnson
Professional Educational Interpreter Project
U.S. Department of Education
Instruction project – Out-year award – year 4, $300,000

Mid-America Regional Interpreter Educational Center (MARIE)
U.S. Department of Education
Instruction project – Out-year award – year 4, $300,000
Psychological Sciences .................................................. 3 Awards - $56,570

James Kole
Effects of Long-Duration Spaceflight on Training Retention: Background Experiments in the Laboratory
University of Colorado Boulder subaward – NASA prime
Basic research project – New award – 3 years, $4,800

Kristina Phillips
Preventing Bacterial and Viral Infections among Injection Drug Users
Butler Hospital subaward – NIH prime
Applied research project – New award – <1 year, $24,133

Preventing Bacterial and Viral Infections among Injection Drug Users
Butler Hospital subaward – NIH prime
Applied research project – Continuation award – year 2, $27,637

Special Education .......................................................... 5 Awards - $634,736

Rashida Banerjee
Preparing Paraprofessionals for Early Childhood Education [Project P2 ECE]
University of Colorado Denver subaward – U.S. Department of Education prime
Instruction project – Out-year award – year 3, $25,487

Paula Conroy
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
Instruction project – Out-year award – year 2, $249,687

John Luckner
National Leadership Consortium in Sensory Disabilities
Salus University subaward – U.S. Department of Education prime
Scholarships/Fellowships project – Continuation award – year 4, $121,850

Project ACCESS4ALL: A Western Regional Training Program to Prepare Teachers of Students who are Deaf or Hard of Hearing
U.S. Department of Education
Instruction project – Out-year award – year 2, $234,364

National Leadership Consortium in Sensory Disabilities
Salus University subaward – U.S. Department of Education prime
Scholarships/Fellowships project – Supplement awards – year 4, $2,790 and $558

Teacher Education .......................................................... 4 Awards - $380,451

Madeline Milian
TEA Pakistan Teacher Program
IREX
Instruction project – New award – <1 year, $175,673

TEA Pakistan Teacher Program
IREX
Instruction project – Supplement award – year 1, $13,974
(Madeline Milian, continued)

*SEED: Building Primary Education Reading Skills for Central America and the Dominican Republic*
Georgetown University subaward – U.S. Agency for International Development prime instruction project – New award – 1 year, $177,703

*SEED: Building Primary Education Reading Skills for Central America and the Dominican Republic*
Georgetown University subaward – U.S. Agency for International Development prime instruction project – Supplement award – year 1, $13,101

**COLLEGE HUMANITIES AND SOCIAL SCIENCES** ......................................................... 5 Awards - $460,630

**Anthropology** ................................................................. 3 Awards - $39,983

*Robert Brunswig*

*Northwest Colorado Paleoindian Study*
U.S. Department of the Interior, Bureau of Land Management
Applied research project – Continuation award – year 4, $5,000

*BLM-CO-KFO-North Park Cultural Landscapes Project*
U.S. Department of the Interior, Bureau of Land Management
Applied research project – Renewal award – <1 year, $15,000

*Andrew Creekmore*

*Archaeological geophysics study of a Middle Bronze Age city in Erbil Province, Iraq*
National Geographic Society
Basic research project – New award – <1 year, $19,983

**Hispanic Studies** ................................................................. 2 Awards - $420,647

*Elizabeth Franklin*

*Mathematics and Science Teaching for English Learners (MAST-EL)*
U.S. Department of Education
Instruction project – Out-year award – year 3, $387,696
Co-PIs: Lori Reinsvold, NHS MAST; Jennifer Harding-DeKam, CEBS Teacher Education; Youngjin Song, NHS Chemistry and Biochemistry

*Mathematics and Science Teaching for English Learners (MAST-EL)*
U.S. Department of Education
Instruction project – Supplement award – year 3, $32,951
Co-PIs: Lori Reinsvold, NHS MAST; Jennifer Harding-DeKam, CEBS Teacher Education; Youngjin Song, NHS Chemistry and Biochemistry

**MONFORT COLLEGE OF BUSINESS** ......................................................... 8 Awards - $308,000

**Small Business Development Center** ......................................................... 8 Awards - $308,000

*Richard Pickett*

*Jobs Bill Grant Funding*
Colorado Office of Economic Development and International Trade
Public service project – Supplement award – year 1, $5,000
Richard Pickett (continued)

Jobs Bill Grant Funding
Colorado Office of Economic Development and International Trade
Public service project – Supplement award – year 1, $8,000

Northeast/East Central Colorado Small Business Development Center 2013
Colorado Office of Economic Development and International Trade
Public service project – Supplement award – year 1, $7,500

Portability Funded Satellite Offices for Logan, Adams, Elbert and Lincoln County
Colorado Office of Economic Development and International Trade
Public service project – New award – <1 year, $72,500

Northeast/East Central Colorado Small Business Development Center 2014 - Weld Co
Weld County
Public service project – New award – 1 year, $65,000

Northeast/East Central Colorado Small Business Development Center 2014 - Weld Co
Colorado Office of Economic Development and International Trade
Public service project – New award – 1 year, $135,000

Northeast/East Central Colorado Small Business Development Center 2014 - Greeley
City of Greeley
Public service project – New award – 1 year, $10,000

Northeast/East Central Colorado Small Business Development Center 2014 - Aims
Aims Community College
Public service project – New award – 1 year, $5,000

<table>
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<tr>
<th>COLLEGE OF NATURAL AND HEALTH SCIENCES</th>
<th>31 Awards - $2,941,460</th>
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<tbody>
<tr>
<td>Biological Sciences</td>
<td>6 Awards - $1,093,912</td>
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Patrick Burns

Filtration Device
Colorado Office of Economic Development and International Trade
Basic research project – New award – 1 year, $50,000

Effect of Omega-3 Fatty Acids on Bovine Luteal Cell Lipid Microdomains and Prostaglandin F2α Signaling
U.S. Department of Agriculture
Basic research project – New award – 4 years, $495,956

Karen Gomez

How Do Arbuscular Mycorrhizal Fungi Affect Potato-insect Interactions?
U.S. Department of Agriculture
Basic research project – New award – 2 years, $149,930

Susan Keenan

Development & Optimization of Novel Anti-flavivirus Compounds
Colorado State University subaward – National Institute of Allergy and Infectious Diseases prime
Basic research project – Out-year award – year 5, $86,112
Susan Keenan (continued)

*Synthesis and Analysis of pyrazol [1, 5-1] pyrimidines as Potential Flavivirus Inhibitors*
Colorado Center for Drug Discovery (C2D2)
Basic research project – New award – 1 year, $21,180
Co-PI: Brian Geiss, Non-UNC

**Judith Leatherman**

*The Role of zfh-1 in Stem Cell Self-renewal in the Drosophila Testis Niche*
National Institutes of Health
Basic research project – New award – 3 years, $290,734

**Chemistry and Biochemistry** .......................................................... 3 Awards - $317,611

**Richard Hyslop**

*Cellular activation of cannabix-derived compounds to antineoplastically active compounds*
Nuvilex, Inc.
Basic research project – New award – <1 year, $192,235

**Robin Macaluso**

*Synthesizing Praeseodymium Compounds*
University of Chicago, Argonne, LLC subaward – U.S. Department of Energy prime
Basic research project – Supplement award – year 2, $5,376

*Synthesis, Characterization and Properties of Pr-Based Heavy Fermions*
National Science Foundation
Basic research project – Out-year award – year 4, $120,000

**Earth Science and Physics** ............................................................ 2 Awards - $34,000

**Robert Walch**

*Colorado Undergraduate Retention in Science and Engineering (COURSE)*
University of Colorado Boulder subaward – NASA prime
Applied research project – New award – 2 years, $9,000
Co-PIs: Cynthia Galovich and Matthew Semak, NHS Earth Science and Physics

*Undergraduate Research and Education in Space Science*
University of Colorado Boulder subaward – NASA prime
Development research project – Continuation award – year 5, $25,000
Co-PIs: Cynthia Galovich and Matthew Semak, NHS Earth Science and Physics

**Human Sciences** ................................................................. 13 Awards - $1,184,996

**Jill Bezyak**

*Long-Term Training in Rehabilitation Counseling*
U.S. Department of Education
Instruction project – Out-year award – year 4, $146,886

*The Rocky Mountain ADA Center: Principal Investigator Subcontract*
Meeting the Challenge subaward – U.S. Department of Education prime
Applied research project – New award – <1 year, $36,723

**Diane Gaede**

*Place-Based Innovation Agritourism Grant*
Colorado State University subaward – U.S. Department of Agriculture prime
Instruction project – New award – 2 years, $22,939
<table>
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<tr>
<th>Name</th>
<th>Project Description</th>
<th>Agency</th>
<th>Type</th>
<th>Duration</th>
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<tr>
<td>Deanna Meinke</td>
<td>Intergovernmental Personnel Agreement with DHHS</td>
<td>U.S. Department of Health and Human Services</td>
<td>Development research project – Continuation award – year 2</td>
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<td>Wireless and Noise Attenuating Headset for Automated Hearing Screening</td>
<td>Creare, Inc. subaward – National Institute on Deafness and Other Communication Disorders</td>
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<td>Jennifer Pepper</td>
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<td>Weld County Retired and Senior Volunteer Program 2013-2016</td>
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<td>Public service project – Supplement award – year 1</td>
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<td>Weld County Retired and Senior Volunteer Program 2013-2016</td>
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<td>Jennifer Weber</td>
<td>Disaster Preparedness Program</td>
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<td>Weld County Retired and Senior Volunteer Program 2013-2016</td>
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<td>Public service project – Out-year award – year 2</td>
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<td>Scott Sabella</td>
<td>Region VIII Technical Assistance and Continuing Education Center (TACE)</td>
<td>U.S. Department of Education</td>
<td>Instruction project – Supplement award – year 6</td>
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<td>Jennifer Weber</td>
<td>Clinical Evaluation of New Directional Microphone Technology</td>
<td>Siemens Hearing Instruments</td>
<td>Applied research project – New award – &lt;1 year</td>
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<td>MAST Institute</td>
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<td>2 Awards - $205,460</td>
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<td>Northern Colorado Mathematics Collaboration to Support Teacher Quality</td>
<td>Colorado Department of Higher Education</td>
<td>Instruction project – New award – 1 year</td>
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<td>Mathematical Sciences</td>
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<td>Gulden Karakok</td>
<td>Evaluation of National Research Experiences for Undergraduates Program</td>
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Mathematical Association of America
Basic research project – New award – <1 year, $7,500

Jodie Novak
Reaching All our Mathematical Potential (RAMP)
Colorado School District Weld County 6
Instruction project – Out-year award – year 3, $31,754

Nursing .................................................. 1 Award - $105,619

Janice Hayes
Nurse Faculty Loan Program FY’13
U.S. Department of Health and Human Services, HRSA
Student services project – New award – 1 year, $105,619

Sport and Exercise Science .................................. 3 Awards - $6,747

Jennifer Krause
Preparing 21st Century Educators: TPACK in Physical Education Teacher Education
SHAPE America
Basic research project – New award – 1 year, $4,372

Megan Babkes Stellino
Executive Function as a Predictor of Success among Collegiate Baseball Players
Association for Applied Sport Psychology
Applied research project – New award – 1 year, $675
Co-PIs: Robert Brustad and Lyndsie Coleman, NHS Sport and Exercise Science

David Stotlar
Implementing Purchase Behaviors in a Cross-National Analysis of Sponsorship Effectiveness
North American Society of Sport Management
Applied research project – New award – 1 year, $1,100
Co-PI: Noni Zaharia, NHS Sport and Exercise Science

COLLEGE OF PERFORMING AND VISUAL ARTS .................................1 Award - $49,000

Center for Integrated Arts Education .................................. 1 Award - $49,000

Connie Stewart
Art Education Professional Development Services for Colorado Teachers
Think 360 Arts Complete Education subaward - Colorado Office of Economic Development and International Trade prime
Public service project – New award – 1 year, $49,000

UNIVERSITY LIBRARIES ................................................................. 1 Award - $3,789

Joan Lamborn
Purchase of Materials to Support the Expansion of the Early Childhood Education Curriculum at UNC
Colorado State Library
Academic support project – New award – <1 year, $3,789

ACADEMIC AFFAIRS ADMINISTRATIVE UNITS ............................ 4 Awards - $791,818
Robbyn Wacker, Provost’s Office  
Graduate Research Fellowship Program - Yeni Garcia  
National Science Foundation  
Scholarship/Fellowship project – Supplement award – year 3, $2,000

Shawanna Kimbrough, Academic Support and Advising  
Student Support Services Program  
U.S. Department of Education  
Student services project – Out-year award – year 3, $267,711

Student Support Services Program  
U.S. Department of Education  
Student services project – Out-year award – year 4, $239,622

Krista Caufman, Undergraduate Studies, McNair Scholars  
McNair Scholars Program  
U.S. Department of Education  
Student services project – Out-year award – year 2, $282,485
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<th>Award Activity by Award Type</th>
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<td>Education &amp; Behavioral Sciences</td>
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<td>Humanities &amp; Social Sciences</td>
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<td>Monfort College of Business</td>
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<td>Performing &amp; Visual Arts</td>
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<td>President's Office</td>
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<td>TOTALS</td>
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<th>Award Activity by Project Type</th>
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Report revised 2.26.16