

FISCAL YEAR

2015

# ANNUAL REPORT

Graduate School & Sponsored Programs

The past academic year has been a period of change in the Graduate School and Sponsored Programs; a new dean, new personnel, and changes in current assignments have been part of the change element. Nevertheless, stability and growth remained a constant in each office.

#### Graduate School

Graduate student enrollment reached a headcount of 1,865 in fall 2014. Graduate students produced an impressive array of scholarship: ten dissertations and thirty theses. Another way to think about the research productivity is a minimum of 130 graduate faculty mentored research well beyond the classroom.

The Graduate Council was actively engaged in reviewing curriculum, changes in admissions, retention and/or graduation requirements for a number of programs and concentrations. Among those changes were name changes for the PhD in Psychology, MS in Exercise Science, new concentrations in the MA English program and the MBA, and the MA in Spanish gained approval for a new certificate. The Graduate Council recognized the graduate faculty status of 111 faculty.

#### University Research Council

University Research Council, a unit managed by the Graduate Dean, reviewed a wide range of proposals and allocated \$76,495 to support faculty research, artistic, or creative endeavors. Furthermore, an additional \$24,000 was allocated to support eight summer stipends. Finally, students (graduate and undergraduate alike) had their research supported by URC, slightly more than \$12,000 was allocated to underwrite students who presented at conferences or secured supplies for their research.

#### Sponsored Programs

Faculty at UCA have been highly productive in seeking and gaining external support for their research and scholarly endeavors. In the last fiscal year, there were 241 proposals, a slight increase from the previous year. However, the amount requested showed a larger increase which garnered a larger dollar award amount. In fiscal year 2014, faculty submitted 223 proposals requesting \$13,145,972. In the last fiscal year, there were 241 requests, asking for \$20,085,189. The larger requests paid off handsomely for UCA. Total awards for the previous year were \$7,000,521.

In short, the faculty have been highly engaged in mentoring students, producing research and seeking external support for their work. The Graduate School and Sponsored Programs will continue to support those efforts. Finally, my thanks to Patti Hornor and Beryline Temples who managed to capture and format this information and make it understandable.

Stephanie L. Bellar, PhD  
Dean of the Graduate School and  
Director of Sponsored Programs

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## **Graduate Council Annual Report to Faculty Senate for 2014-2015**

### **[1] Mission and Purposes**

The Graduate School supports the vision, mission, and core values of the University of Central Arkansas. In doing so, the Graduate School

- Promotes intellectual excellence at the advanced levels of academic learning,
- Serves multiple communities through professional and training activities,
- Recruits and retains a highly qualified and diverse graduate student body, and
- Promotes integrity through ethical and responsible behavior in faculty, staff, and students.

The Graduate School supports doctoral, specialist, master's, and certificate programs of distinction in a variety of fields. These excellent programs help graduates acquire the knowledge, skills, and dispositions needed to become productive members of their chosen fields. The Graduate Council, a representative body of the graduate faculty, assists the Dean of the Graduate School in establishing policies and standards for graduate education.

In keeping with its mission, the Graduate School

- Approves curricula and admission, retention and completion standards for individual programs;
- Stimulates and supports creative, scholarly and research activity through the University Research Council and the Office of Sponsored Programs;
- Approves standards of appointment for members of the Graduate Faculty;
- Advocates for graduate education within the Division of Academic Affairs and other levels as appropriate; and
- Collaborates with individual graduate programs and the UCA Director of Assessment to support program self-assessment and external review.

(Adopted by the Graduate Council  
11/18/10)

### **[2] Graduate Council Charge**

As outlined in the UCA Faculty Handbook the responsibilities of the Graduate Council include:

- a. To review and recommend to the Council of Deans new graduate curricula and programs proposed by the various departments and colleges.
- b. To review existing graduate offerings and make appropriate recommendations to the Council of Deans.
- c. To initiate and recommend policies relevant to graduate degree requirements, grading and credit policies, academic standards, and related matters.
- d. To review and recommend policies and criteria for graduate faculty status.
- e. To act as an academic appeal board for graduate students.



### **[3] Membership:**

- a. Department chairs are selected by the Faculty Senate, one from each of the colleges.

Chairs serving were: William Cash, Biology (Fall semester); Brent Hill, Biology (Spring semester); Tom Oxner, Accounting; Art Gillaspay, Psychology/Counseling; John Gale, Mass Communication and Theatre; Wendy Lucas, History; and Terry James, Leadership Studies.

- b. Graduate faculty members with the rank of assistant professor or above are appointed by the Faculty Senate, one from each college.

Faculty appointed by the Senate included: Arijit Mukherjee, Biology; Janet Filer, Elementary, Literacy and Special Education; Mike Rosenow, History; Ramon Escamilla, Writing (Fall semester); Mark Spitzer, Writing (Spring semester); Noel Campbell, EFIRM; and Letha Mosley, Occupational Therapy.

- c. Each college, according to the procedure for appointing college committees, appoints one faculty member.

College appointments were: R.B.Lenin, Mathematics; Michael Schaefer, English; Joan Simon, Communication Sciences and Disorders; Mark McMurtrey, Management Information Systems; Rhonda McClellan, Leadership Studies; and Bruce Hutchinson, Mass Communication and Theatre.

- d. One graduate student is selected by the Faculty Senate, one graduate student is selected by the Graduate Council, and one graduate student is selected by the Student Government Association.

Graduate student appointments were: Jaclyn Austin, SGA appointee (Fall semester); Kayla McIntosh, SGA appointee (Spring semester). There were no appointees from the Faculty Senate or the Graduate Council

- e. Wendy Lucas was elected secretary by the Graduate Council.
- f. Dr. Terry James, Dr. Ben Cash (Fall semester), Dr. Bruce Hutchinson (Spring semester), and Dr. Letha Mosley served as subcommittee chairs.

### **[4] Summary of Graduate Council Activities**

- a. Graduate Council reviewed and approved a proposal for a new concentration, Medieval and Renaissance Literature, for the M.A. in English.
- b. Graduate Council reviewed and approved a proposal for a new concentration, Information Management, for the MBA program.
- c. Graduate Council reviewed and approved a proposal for a new graduate certificate in

Spanish.

- d. Graduate Council approved change in name for the M.S. in Kinesiology to M.S. in Exercise Science.
- e. Graduate Council approved a proposed change in name from PhD. in School Psychology to PhD. in Psychology.
- f. Graduate Council approved the new Arkansas Dyslexia Therapist and Integrated Birth-Kindergarten endorsements from the ELSE Dept.
- g. Graduate Council reviewed and approved 29 new graduate courses: English (2), Business Administration (5), Music (1), Nursing (4), Special Education (6), Computer Science (1), Geography (2), Kinesiology (6), Psychology (1), and Physical Therapy (1).
- h. Graduate Council approved variable credit for thesis courses in Occupational Therapy, Nursing, and Geography.
- i. Graduate Council reviewed and approved changes in admission, retention, and/or graduation requirements for the Master of Music; Master of Science in Health Science; Master of Science in Special Education, Master of Science in Advanced Studies in Teacher Leadership; Master of Business Administration; Master of Accountancy; Master of Geographic Information Systems; Master of Science in Mathematics Education; Master of Science in Exercise Science; PhD in Psychology; Master of Science in Nursing; Master of Science in College Student Personnel Services and Administration; Master of Science in School Counseling; Master of Science in School Leadership, Management, and Administration; and the EdS in Educational Leadership.
- j. Graduate Council approved the deletion of the instructional facilitator track and the instructional facilitator graduate certificate in the Advanced Studies in Teacher Leadership program.
- k. Graduate Council recognized the recommendations for appointments of 111 graduate faculty (29 initial full appointments, 16 initial associate appointments, 25 initial affiliated appointments, 31 continued full appointments, 7 continued associate appointments, and 3 continued affiliated appointments).
- l. Graduate Council recognized through information items numerous course title changes and course deletions.
- m. Dr. R.B. Lenin, Dr. Arijit Mukherjee, Dr. Janet Filer, and Dr. Bruce Hutchison served as the selection committee for the 2015-16 recipients of the Robert McLaughlin Graduate Scholarship. Recipients are Ella Crouch (Psychology) and Lilli-Ann Baca (Psychology).
- n. Dr. Janet Filer, Dr. John Gale, Dr. Rhonda McClellan, and Dr. Michael Schaefer represented UCA on the UAMS/UALR/UCA Joint Graduate Council.

Note: Graduate Council Minutes are available at  
<http://www.uca.edu/graduateschool/gradcouncil/>

#### **[5] Status of Goals for 2015-2016**

- a. Continue to support implementation of UCA's strategic plan including review of student learning outcomes for graduate students and collaboratively addressing research goals for the university. **(Goal Met)**
- b. Ensure that all policies, procedures, and requirements clearly support an appropriate academic climate for quality graduate education at all levels. **(Goal Met - Continuous Review)**
- c. Work with the Graduate Faculty, Programs Coordinators, Chairs and Deans to complete graduate enrollment management plan with productivity expectations for all graduate programs based on a realistic understanding of faculty and fiscal resources and limitations. **(Goal Met - Enrollment goal for 2017 is 2025)**
- d. Continue to effectively and efficiently meet all elements of the charge to the Graduate Council. **(Goal Met)**
- e. Publish the *2015 Graduate Bulletin*. **(Goal Completed, <http://uca.edu/gbulletin/>)**

#### **[6] Goals for 2015-2016**

- a. Continue to support implementation of UCA's strategic plan.
- b. Ensure that all policies, procedures, and requirements clearly support an appropriate academic climate for quality graduate education at all levels.
- c. Work with the Graduate Faculty, Programs Coordinators, Chairs and Deans to implement graduate enrollment management plan through enhanced marketing efforts and increased recruitment activities.

- d. Continue to effectively and efficiently meet all elements of the charge to the Graduate Council.
- e. Publish the *2016 Graduate Bulletin*.

Prepared by Dean Stephanie Bellar  
September 10, 2015  
Approved by the UCA Graduate  
Council  
2015

## Dissertations and Theses 2014 – 2015

PROGRAM	STUDENT	DISSERTATION TITLE	TERM
PhD Interdisciplinary Leadership Studies	Alford, Wesley	Effects of Leader-Member Exchange and Public Service Motivation on Job Satisfaction and Organizational Commitment in a Public Workforce Sample	Aug-14
PhD Interdisciplinary Leadership Studies	Goodman, Hunter	The Tie that Binds: Leadership and Liberal Arts Institutions' Civic Engagement Commitment in Rural Communities	Aug-14
PhD Physical Therapy	Killins, Anita	Team-Based Learning in a Physical Therapy Gross Anatomy Course	May-15
PhD School Psychology - Counseling Psychology	Archie, Danielle	A Randomized Controlled Trial of Client Feedback as an Alliance Building Technique	Dec-14
PhD School Psychology - Counseling Psychology	Collins, LaShondra	Intentions to Seek Help as a Function of Time Perspective and Perceptions of Stigma	Dec-14
PhD School Psychology - Counseling Psychology	Horton, Laura	Predicting Self-Monitoring Task Compliance with Delay Discounting	Aug-14
PhD School Psychology - Counseling Psychology	Marsden, Troy Michael	The Effect of Client Expectations on First Appointment Attendance at a Community Mental Health Center	Aug-14
PhD School Psychology - Counseling Psychology	Staton, Cathy	Attachment Styles, Obsessive Beliefs, and Thought Suppression	Dec-14
PhD School Psychology	Kellybrew-Miller, Ayisha	The Impact of Systematic Client Feedback on Client Outcomes and Clinician Productivity in a Community Mental Health Center	Dec-14
PhD School Psychology	Mitchell, Kristen	The Effects of a Concrete-Representational-Abstract Intervention on the Algebra Performance of Students in a Private School Setting	Dec-14

PROGRAM	STUDENT	THESIS TITLE	TERM
Applied Computing	Le, Hai	Classifications on Wine Informatics	May-15
Applied Computing	Loney, Jordan	Biomedical Image Segmentation Using Hierarchical Spanning Trees with WebCL	May-15
Applied Computing	Rhodes, Christopher	Wine Informatics: Clustering and Analysis of Professional Wine Review	May-15
Applied Math	Dollins, Camille	An Evaluation of Breast Radiological Density Assessment by Quantra Software as Compared to Visual Classification	May-15
Applied Math	Jones, Eric	Symmetry and Compatibility of a Reaction-Diffusion Equation	May-15
Applied Math	Lu, Vinh	An Investigation of Smoothed Particle Hydrodynamics	Dec-14
Applied Math	Tsikata, Hayford	Can Hilbert Phase Slip Enhance Huang Transform?	Dec-14
Applied Math	Tubbs, Matthew	Average Galerkin Approach to Higher Order Partial Differential Equations	Aug-14
Biology	Cox, Casey	Population Demographics and Upstream Migration of American Eels ( <i>Anguilla rostrata</i> ) in the Ouachita, White, and Arkansas Rivers	Dec-14
Biology	Dunn, Courtney	Individual and Sex-Related Variation in the Long-Distance Vocalizations of Bengal Tigers ( <i>Pantera tigris tigris</i> )	Aug-14
Biology	Fleming, James	The Short-Term Effect of Ovariectomy Reactivity in Mouse Mesenteric Arteries	Aug-14
Biology	Naus, Christopher	Evaluation of Fish Nursery Habitats in a Medium-Sized River-Floodplain System and the Importance of Floodplain Tributaries	May-15
Biology	Rylee, Johnathan	Comparative Neuroanatomy and Topography of Sensory Cortex in the Nine-Banded armadillo ( <i>Dasypus novemcinctus</i> )	May-15
Biology	Sachse, Nicholas	Corticosterone Concentrations in the Chicken Turtle ( <i>Deirocheilus reticularia</i> ) Associated with Capture and Handling	Aug-14
Biology	Seiwert, Phillip	Hypothalamus-Pituitary Inter-renal Axis Sensitivity of Sub-Arctic Wood Frogs ( <i>Lithobates sylvaticus</i> ) and Congeneric Temperate Species	Aug-14
Creative Writing	Jones, Stacey	Mr. Catherine: A Novel	May-15
Creative Writing	Landis, Diana	A Family of Women	May-15

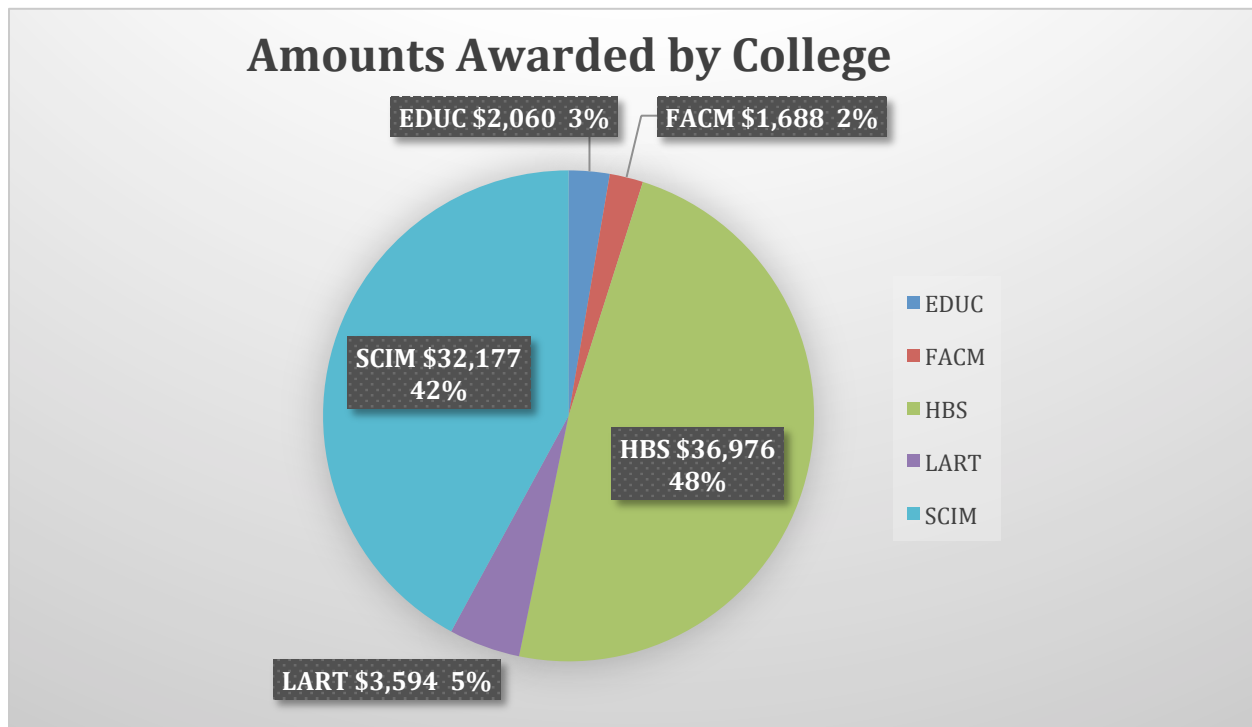
<b>PROGRAM</b>	<b>STUDENT</b>	<b>THESIS TITLE</b>	<b>TERM</b>
Creative Writing	Lewis, Scott	Arkansas Ghoulash	May-15
Creative Writing	Mitchel, John	Hailing a Cab During a Riot	May-15
College Student Personnel Services & Administration	Dorsett, Genae	International Students as Customers: Expectations and Perceptions of Service Quality	May-15
College Student Personnel Services & Administration	Gordon, Tranquility	The Relationship Between Caretaker Involvement and a Student's Motivation to Attend College	May-15
College Student Personnel Services & Administration	Graham, Veneta	Types of Relationships and College Student Academic Success	May-15
College Student Personnel Services & Administration	Iserman, Adam	Resident Assistant - Resident Relationships: Measuring Relationships within Residence Halls	May-15
Digital Filmmaking	Carpenter, Michael	"Spoonin' The Devil"	May-15
Digital Filmmaking	Miller, Jason	"The Whisperers"	May-15
Digital Filmmaking	Topich, AI	"The Town Where Nobody Lives"	May-15
English	DuBose, Cristin	The Intersection of the Good Man and the Good Citizen: A Study of John Steinbeck and Tom Joad	Aug-14
English	Eason, Elizabeth	"The Danger of a Single Story:" Teaching Sherman Alexie as Part of the Western Literary Canon	Dec-14
Family & Consumer Science	Estetter, Heather	A Mixed Level Review Into the Eye of the Beholder: A Glimpse Into the Mind of the Female Athlete	Dec-14
History	Millsap, Matthew	With the Chords of a Man: Cotton Mather and the American Enlightenment	May-15

# UCA Internal Competitions

## Faculty Research

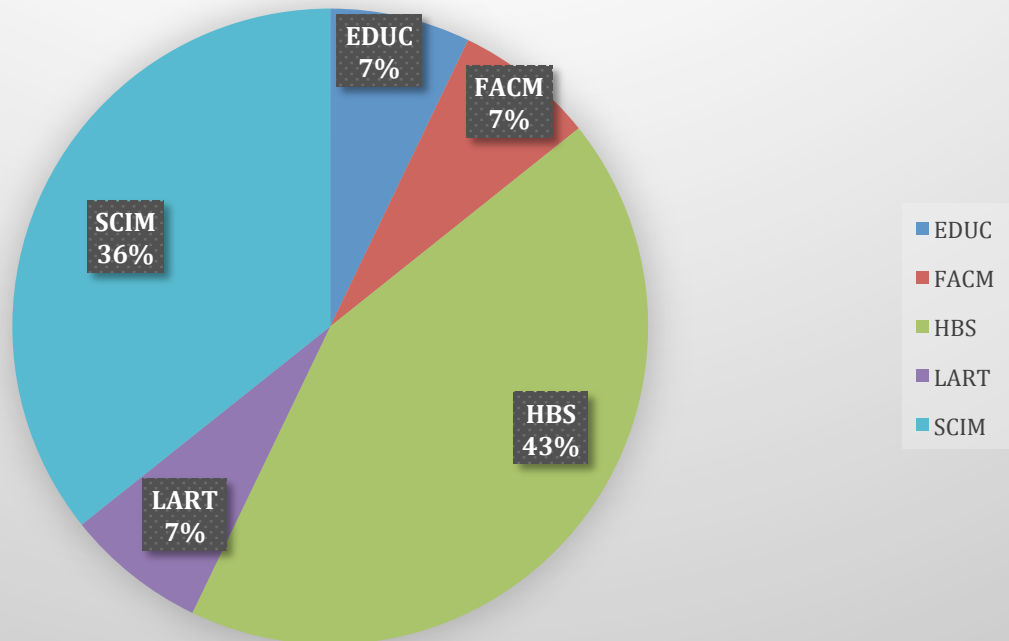
The goal of the University Research Council (URC) is to provide support to faculty members initiating a research project, artistic endeavor, or other form of creative activity within or among their disciplines. Faculty are encouraged to use research awards from the URC as seed money for long-term projects for which they will eventually seek outside funding; continuous funding of long term projects is not a goal of the URC. Although there is no established limit on the size of a request for funds, most awards are modest.

- The URC does not provide faculty salaries.
- Funding for equipment will be made only in those circumstances where the equipment is an integral part of the proposed research and such equipment is not available on campus.
- Funding is not be provided for projects intended primarily for normal academic responsibilities in curriculum development or teaching activities.
- Funding is not be provided for the purpose of completing academic research toward a degree.
- Funding is not being provided for research initiated by a student, although student involvement in the faculty research is encouraged.





## Number of Awards by College



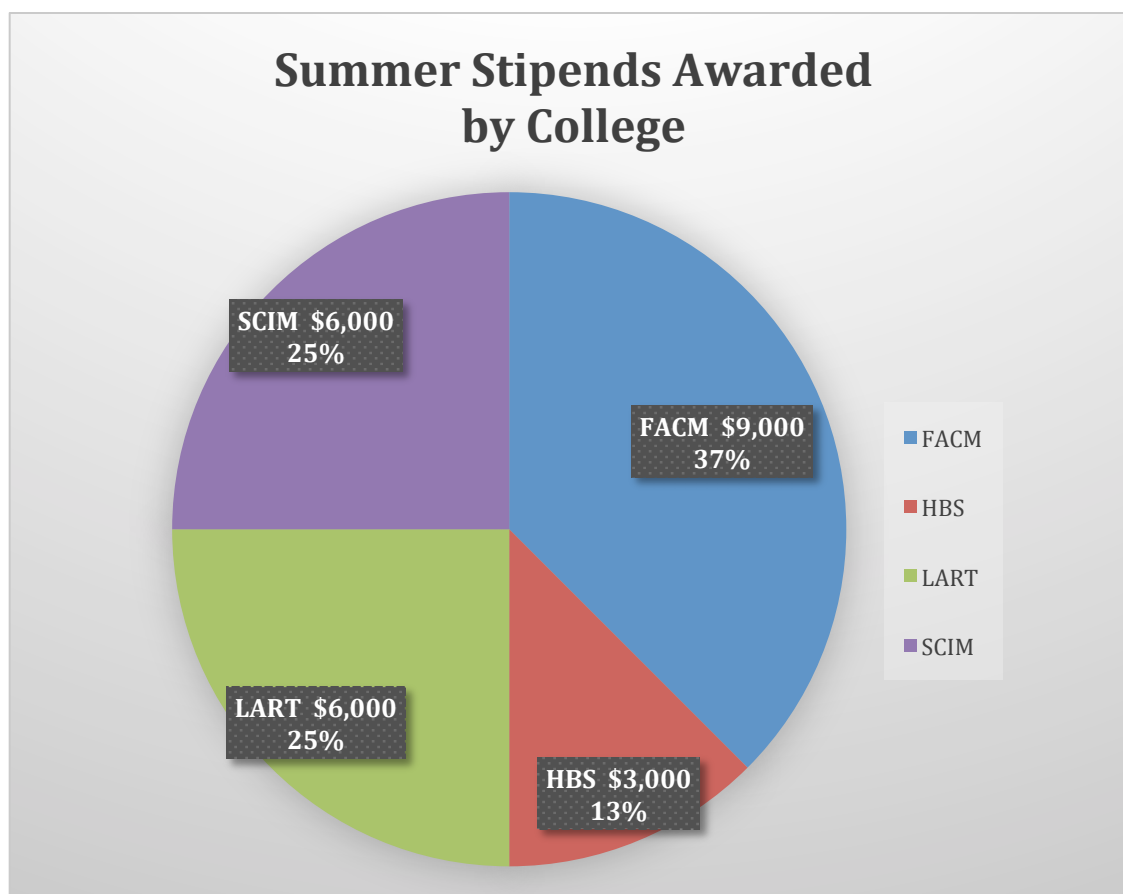
2015 University Research Council Faculty Research Awards				
Researcher	College	Dept.	Title	Amount
Pearson, Mary	EDUC	ELSE	Customized Employment for Youth and Young Adults with Significant Disabilities	\$2,060
Luckett, Sandra	FACM	ART	Sexy Puddles	\$1,688
Yang, Jing	HBS	CSD	Consonant Production in Children with Cochlear Implants	\$6,550
Rowe, Veronica	HBS	OTHY	The Use of Accelerometry to Document Upper Extremity Functional Movement	\$3,096
Charlton, Veda & Shawn	HBS	PSYC	Hormonal Influences on Decision-Making	\$7,500
Sestir, Marc	HBS	PSYC	Social Technology and Coping with Discomfort	\$5,827
Varghese, Femina & Bihm, Elson	HBS	PSYC	Career-Values Affirmation Intervention for Juvenile Offenders	\$5,003
Reese, Nancy	HBS	PTHY	An Analysis of Functional Outcomes Comparing Two Physical Therapy Models	\$9,000
Barnes, Ken	LART	HIST	Anti-Catholicism in Arkansas, 1912 - 1928	\$3,594
Gifford, Matthew	SCIM	BIOL	The Influence of Embryonic Conditions on Fitness in Alternative Environments	\$9,195
Marian, Calin	SCIM	BIOL	Critically Sort-Telomeres Activate Self-	\$10,701

			Renewal Factors in Human Cells	
Naylor, Kari	SCIM	BIOL	Analysis of the Cytoskeletal and Mitochondrial Dynamics Cooperative Relationship...	\$3,054
Halic, Tansel	SCIM	CSCI	Development of Optimization Model for Multimodal Interactive Simulations	\$6,853
Yoder, Michael	SCIM	GEOG	Freight Transportation Planning and Regional Development in the Paso Del Norte B-National Area	\$2,374

## Faculty Summer Stipends

The purpose of a UCA Summer Stipend is to support increasing a faculty member's knowledge to benefit future UCA students. Availability of this funding is determined by the University Research Council each year. For summer 2015, \$3,000 (less applicable tax deductions) was set aside for a maximum of eight recipients to be awarded before the end of the fiscal year.

Funding is not provided for projects intended primarily for normal academic responsibilities in curriculum development or teaching activities.



Faculty	College	Dept.	Title
Kuster, Deborah	FACM - ART	ART	Narrowing the Divide between Higher Ed and K-12 Art Educators
Morales, Reinaldo	FACM - ART	ART	Mesoamerican Cave Art Ritual Complex: Manuscript Preparation
Spitzer, Mark	FACM - WRT	WRT	Finishing "Grotesque" Fish Book
Rowe, Veronica	HBS - OTHY	OTHY	Task Oriented Training and Evaluation at Home
Brasovan, Nicholas	LART - PHIL	PHIL	A neo-Confucian Ecological Humanism
Smith, Melissa	LART - ENGL	ENGL	Social Justice Pedagogy and Standards-based English Education
Kockara, Sinan	SCIM -CSCI	CSCI	Optimum Blend of Fractal Dimension Methods for Automatic Malignancy Determination in Dermoscopy Images for
Mason, Andrew	SCIM -PHYS	PHYS	Attitude of Students towards Problem Solving for Different Science Majors

## Student Research

The goal of the Student Research Fund is to provide support to undergraduate and graduate students for expenses incurred in conducting and disseminating research and other scholarship or creative activities. The undergraduate student must have at least a 2.0 GPA and the graduate student a 3.0 GPA and be a registered student with the University of Central Arkansas for the semesters in which the project is to take place (students who graduate will not be able to access the funds after the date of their graduation). A student can receive **no more than one** award per academic year. Although there is no established limit on the size of a request for funds, most awards are modest. The maximum amount awarded from the Student Research Fund for Travel is \$400.00. Awarded amounts are determined by the merit of the proposal, the amount contributed by other sources (i.e., department, college), and on a first come, first served basis. The total contributing (matching) funds from all levels should equal approximately 50% of the total request. For example, if a department is willing to contribute \$200 and the college is willing to contribute \$200, the support from the Student Research Fund may be provided up to \$400.

2015 Student Research Awards Recipients			
Student Researcher	College	Dept.	Title
Thompson, Amy	EDUC	TL	Mentor Teach Beliefs/Practices w/Formative Assessment...
Martens, Carrie	FACM	MUS	Effect Self-Regulated Practice Guide.....
Beard-Raymond, Monica	HBS	OTHY	Lead.Educ.Neurodev.Disabilities
Harris, Haley	HBS	OTHY	Producing Roots

Henderson, Haley	HBS	OTHY	Conference
Holmes, Dawn	HBS	OTHY	Working Out for Recreation, Training and Health
Jones, Amelia	HBS	OTHY	Perspectives of transition to Adulthood
Stewart, Casey	HBS	OTHY	Barriers to Reentry for Parolees
Anderson, Kendra	HBS	PSYC	African Amer. Male Inmates
Coney, Katelyn	HBS	PSYC	Likes/Dislikes of Persons Intellectual Disabilities
Mikeal, Cindy	HBS	PSYC	Dismantling Study of Partners for Change Outcome Mgmt. Sys.
Patterson, Devon	HBS	PSYC	Phonological Working Memory & Word Reading
Reddig, Alexis	HBS	PSYC	Adolescent's Relationship with Animals: Empathy, Mental Health...
Stillman, Zachery	HBS	PSYC	Effect Cognitive Depletion on Intertemporal Decision-making
Cross, Caleb	HBS	PTHY	APTA conference
Long, Jennifer	HBS	PTHY	Outcomes Comparing 2 P.T. Models
Sence, Joanna	HBS	PTHY	APTA conference
Tiarks, Nathan	HBS	PTHY	APTA conference
Anderson, Amber	SCIM	BIOL	Isolation by Drainage: Pop. Semi-Aquatic Salamander
Baker & Polaskey	SCIM	BIOL	Conference
Black, David	SCIM	BIOL	Chemical Composition of Stonedam Creek Storm water Inflows
Clement, Ethan	SCIM	BIOL	Knockdown of Telomerase in Cancer Cell Lines
Clifton, Ian	SCIM	BIOL	Cranium of Diamondback Water snakes
Ellington-Burns, Michelle	SCIM	BIOL	Influence of Ammonium Polyphosphate Fertilizer on Metal-glyphosate of Roundup
Filipek, Derek	SCIM	BIOL	Conservation Genetics of AR Queen Snakes
Furtado, Brittany	SCIM	BIOL	S.E. Fishes Council Meeting
Hughes, Deana	SCIM	BIOL	Lead Poisoning in Raptors of AR
Kling, Brittanie	SCIM	BIOL	PCR Validation of Chloroplast Genome Structure in Plants
Martindale, John	SCIM	BIOL	E-cadherin Expression in Cancer Cells
Monday, Lori	SCIM	BIOL	Titillation & melanism in Freshwater Turtles
Nguyen, Duy	SCIM	BIOL	Characterization of Gym Microbes
Pearson, Luke	SCIM	BIOL	Seasonal Corticosterone and Gonadal Steroid Concentrations in the Ouachita Map Turtle
Pike, Samantha	SCIM	BIOL	Prey Preference of the Diamondback Water snake

Saco, Heather	SCIM	BIOL	Temporal Variation in Fish Assemblages in 6 Ozark Streams
Woods, Laken	SCIM	BIOL	American Society Cell Biology Conference
13 Chemistry Students	SCIM	CHEM	Amer. Chemistry Society travel
Milan, Maxwell	SCIM	PHYS	Automated Venturi Resonator

## Sponsored Programs Annual Report for Fiscal Year 2015

### [1] Vision, Mission and Core Values

Vision: Sponsored Programs aspires to be a recognized leader in support of the academic scholarly enterprise both locally and nationally.

Mission: Sponsored Programs is committed to providing administrative support services to facilitate academic, scholarly and creative excellence while maintaining professional and ethical standards.

Core Values: Professionalism-Ethics-Collegiality

Sponsored Programs strives to:

Focus on integrity at all levels:

- Continuous review and update of policies related to compliance with federal and state agencies
- Continue to develop and maintain financial compliance with post-award accounting

Continue to foster a culture of academic, scholarly, and creative excellence:

- Work with College Deans, Department Chairs and other institutional divisions to increase grant submissions and awards
- Continue to develop collaborations with Deans, Associate Deans and Chairs to identify funding opportunities and support release time for faculty to do the research
- Continue to improve and develop the Sponsored Programs Advisory Committee as an advisory group that discusses ways to develop a culture of academic, scholarly and creative success
- Develop training programs for administrative support at the college and department level
- Increase grant writing services and implement Project Management practices

Provide a learner-focused environment for all students:

- Provide resources for students for funding their project through SURF

Commit to ongoing improvement and innovation in facilities and technology:

- Work with faculty members to identify novel technologies
- Continuously develop board policies with common sense methods for disclosing technology and transferring research materials to other institutions
- Work with legal counsel on Export Control issues

Increase engagement with external partners:

- Continue to foster relationships with the Arkansas Science and Technology Authority and other State Colleges and Universities to continue the UCA voice in state research infrastructure decisions
- Continue involving Sponsored Programs staff with national associations such as National Council of University Research Administrators, Society of Research Administrators, Association of State Colleges and Universities' Grants Resource Center, Association of University Technology Managers and the Public Responsibility in Medicine and Research and the National Organization of Research Development Professionals.
- Increase use of social media to disseminate opportunities, have a voice in state and national policy, and to maintain currency in policy implementation

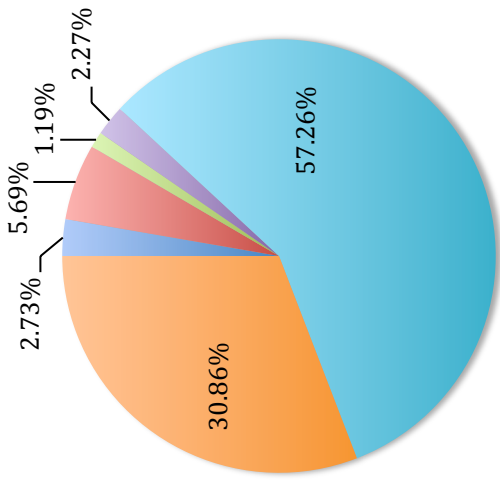
Promote diversity in all areas:

- Work with Deans, Associate Deans and Chairs to identify funding opportunities that specifically target underrepresented groups
- Continue to offer research seed money from the Research Grant and Development Program Fund to underrepresented groups in order to gather preliminary data to be used in a major grant proposal

# UCA RESEARCH GRANT & DEVELOPMENT PROGRAM (RGDP) FUND

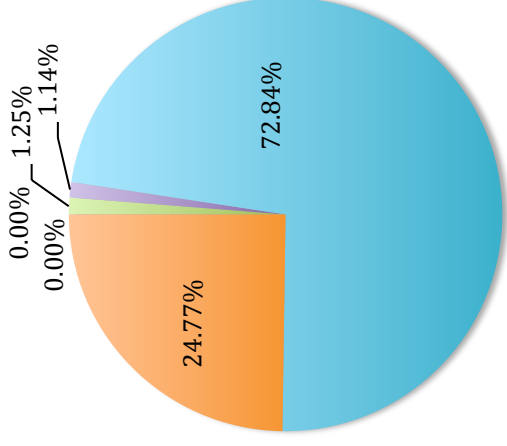
FY 2015

## Total RGDP (Matching) Funds Requested: \$109,920



- COE (\$3,000)
- CFAC (\$6,250)
- CLA (\$1,309)
- CHBS (\$2,500)
- CNSM (\$62,945)
- INSTITUTIONAL (\$33,916)

## Total RGDP (Matching) Funds Awarded: \$54,670



- COE (\$0)
- CFAC (\$0)
- CLA (\$684)
- CHBS (\$625)
- CNSM (\$39,820)
- INSTITUTIONAL (\$13,541)

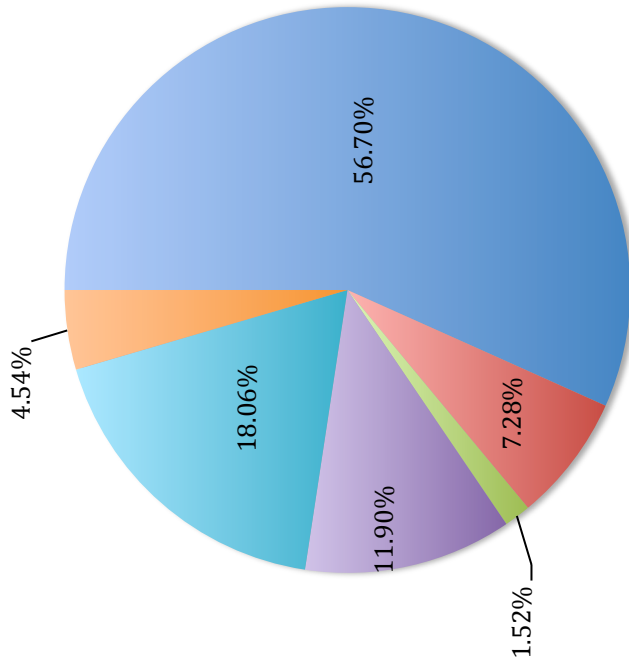
Notes:

▲ COB = College of Business; COE = College of Education; CFAC = College of Fine Arts & Communication; CHBS = College of Health & Behavioral Sciences; HONORS = Honors College; CLA = College of Liberal Arts; CNSM = College of Natural Sciences & Mathematics; INSTITUTIONAL = Administrative/Other Units.



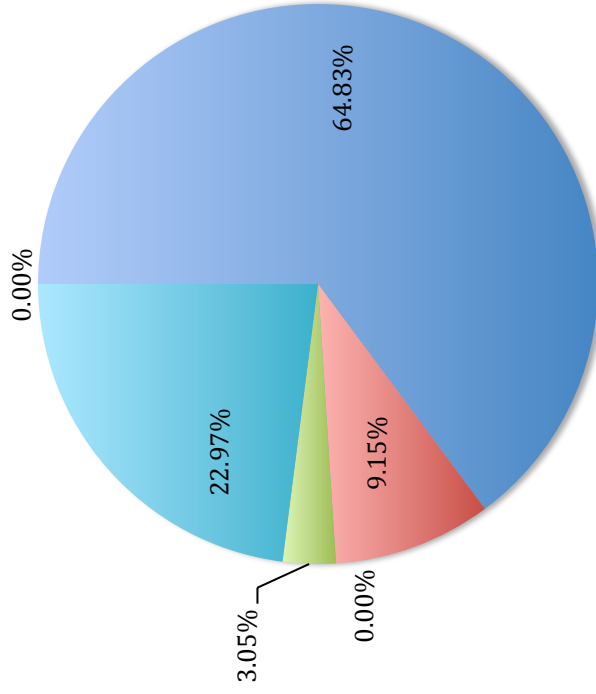
## UCA RGDP (Matching) FUNDS BY FUNCTIONAL AREA

**FY 2015 Requests for RGDP Funds  
by Functional Area: \$109,920**



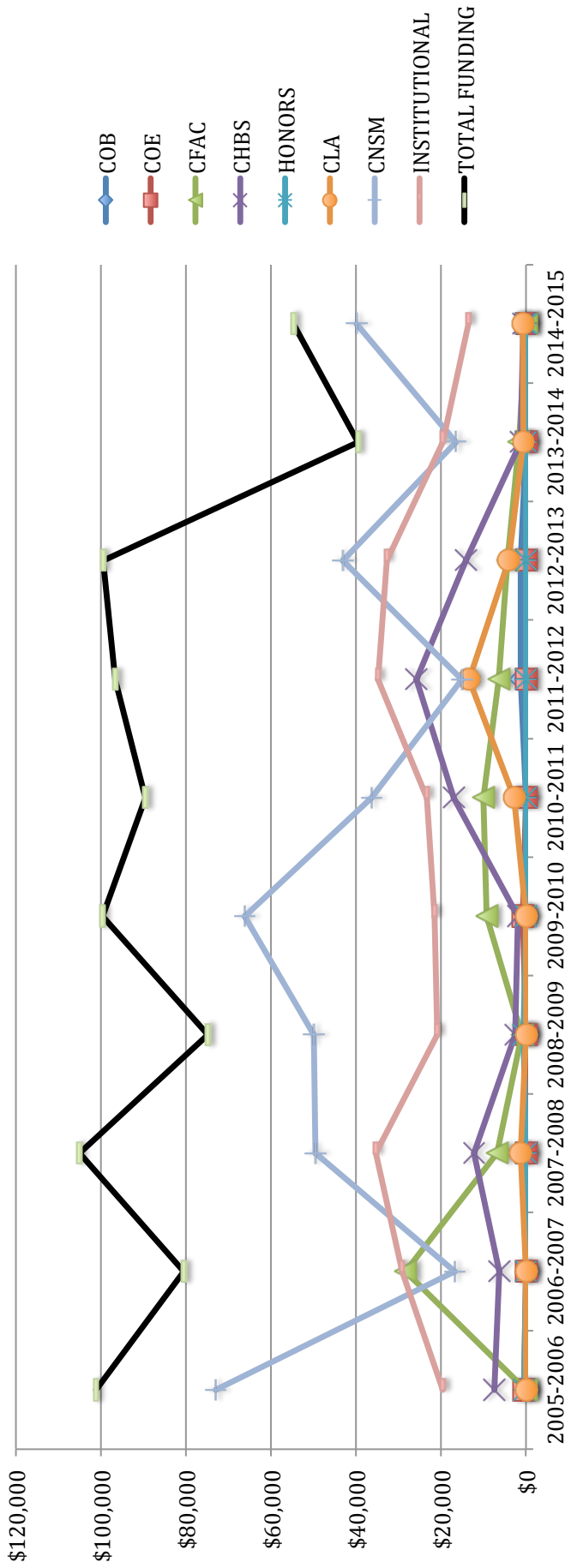
- Basic Research (\$62,320)
- Applied Research (\$8,000)
- Community Development (\$1,666)
- Training/Education (\$13,075)
- Other (\$19,859)
- Other-Community Engagement (\$5,000)

**FY 2015 RGDP Funds Awards by  
Functional Area: \$54,670**



- Basic Research (\$35,445)
- Applied Research (\$5,000)
- Community Development (\$1,666)
- Training/Education (\$0)
- Other (\$12,559)
- Other-Community Engagement (\$0)

# TEN-YEAR FUNDING TRENDS RGDP AWARDS BY COLLEGE, FISCAL YEARS 2006-2015



	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
COB	\$0	\$0	\$0	\$0	\$0	\$0	\$1,250	\$1,250	\$0	\$0
COE	\$515	\$0	\$0	\$0	\$750	\$0	\$0	\$0	\$0	\$0
CFAC	\$0	\$28,380	\$6,792	\$1,000	\$9,293	\$10,030	\$6,375	\$4,400	\$1,625	\$0
CHBS	\$7,474	\$6,250	\$12,200	\$2,565	\$1,875	\$17,000	\$25,750	\$14,100	\$1,250	\$625
HONORS	\$438	\$0	\$0	\$625	\$0	\$0	\$0	\$0	\$0	\$0
CLA	\$0	\$0	\$1,250	\$0	\$0	\$2,761	\$13,328	\$4,025	\$625	\$684
CNSM	\$73,078	\$16,744	\$49,534	\$49,855	\$66,181	\$36,371	\$15,048	\$43,023	\$16,425	\$39,820
INSTITUTIONAL	\$19,608	\$29,082	\$35,268	\$20,830	\$21,523	\$23,344	\$34,863	\$32,750	\$19,574	\$13,541
TOTAL FUNDING	\$101,113	\$80,456	\$105,044	\$74,875	\$99,622	\$89,506	\$96,614	\$99,548	\$39,499	\$54,670

Notes:

*Functional Area (FA): BR = Basic Research; AR = Applied Research; RD = Research Development; ED = Educational Development; CD = Community Development; T/E = Training/Education; O = Other; OCE = Other-Community Engagement; OCRE = Other-Construction/Renovation/Equipment. Awards are listed alphabetically by administering department and name of the lead PI, but many awards represent the collaborative efforts of multiple investigators and departments/units.*

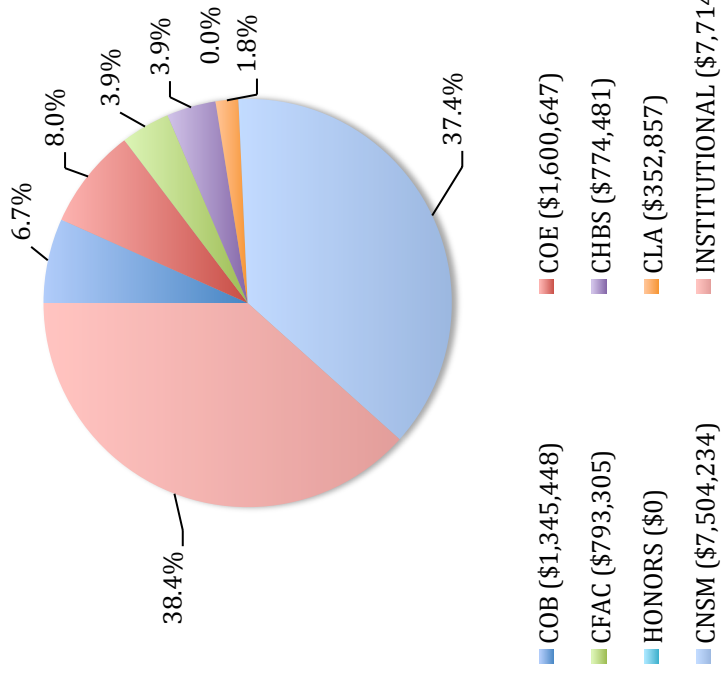
<b>RGDP (MATCHING) FUND AWARDS BY COLLEGE/DIVISION</b>				
Lead PI/PD	Funder (if tied to a Grant)	Title	Amount	FA
<b>COB</b>				
None				
<b>COE</b>				
None				
<b>CFAC</b>				
None				
<b>CHBS</b>				
Brinegar, Jennifer	Arkansas Department of Higher Education	SURF: LGB(T?) (Mandatory Match for student)	\$625	BR
<b>HONORS</b>				
None				
<b>CLA</b>				
Brasovan, Nicholas	Not tied to a grant	To attend the Association of Regional Centers for Asian Studies LUCE Foundation Grant Writing Workshop	\$684	O
<b>CNSM</b>				
Cash, Ben	Not tied to a grant.	Turtle Research (year 2)	\$5,000	BR
Entrekin, Sally	Arkansas Science & Technology Authority	Assessing Vulnerability of Streams to Anthropogenic Impacts in the Fayetteville Shale, Arkansas (Mandatory match for UG students)	\$5,000	BR
Kockara, Sinan	Arkansas Science & Technology Authority	WebFracDerm: Web-based Fractal Geometry for Automatic Skin	\$5,000	BR

		Cancer Malignancy Detection in Dermoscopy Images (Mandatory match for RA & travel)		
Mukherjee, Arijit	National Science Foundation through EPSCoR and the Arkansas Science and Technology Authority	Formation of nodule-like structures in land plants in response to hormones (Mandatory equipment match)	\$5,000	BR
Mukherjee, Arijit	Arkansas Science & Technology Authority	Formation of nodule-like structures in rice (Mandatory match for GA)	\$5,000	BR
Naylor, Kari	Arkansas Department of Higher Education	SURF: The Creation of a Fluorescent Fusion Protein to Better Study Mitochondria Dynamics (Mandatory Match for student)	\$625	BR
Sun, Yu	National Aeronautics and Space Administration through the Arkansas NASA EPSCoR and the University of Arkansas at Little Rock	New Computer Vision Methods for NASA Robotic Planetary Exploration (year 3 of 3)	\$5,000	AR
Walker, Azida	National Aeronautics and Space Administration through EPTSoR and the Arkansas Space Grant Consortium/UAMS	Effects of Simulated Microgravity and Low Level Irradiation on Rodent Somatosensory Nervous System	\$4,195	BR
Yang, Lei	Arkansas Science & Technology Authority	Activation of C-H Bond by Binuclear Transition Metal Complexes with Nitrous Oxide (Mandatory match for supplies)	\$5,000	BR
<b>INSTITUTIONAL</b>				

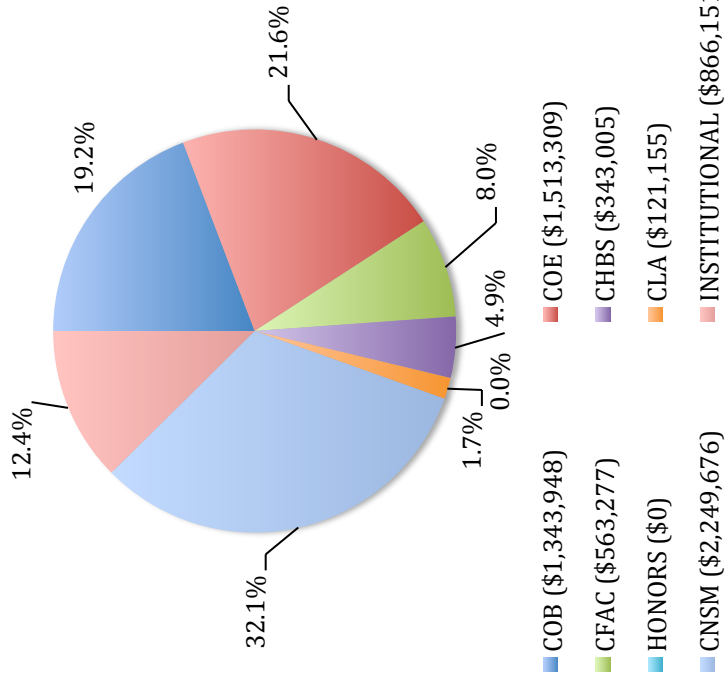
Bellar, Stephanie	Not tied to a grant, but for the support of the Upward Bound Grant	Munsell & Associates, Annual Consulting Fee (Mandatory)	\$11,875	O
Whitehead, Amy	Winthrop Rockefeller Foundation	Moving the Needle- Rural Community and Economic Development (year 1 of 3) (Mandatory match)	\$1,666	CD
<b>RGDP (MATCHING) FUNDS Total Dollars Awarded:</b>			<b>54,670</b>	

# UCA SPONSORED PROGRAMS AWARDS & SUBMISSIONS FY 2015

**Total External Funds Requested:  
\$20,085,189**



**Total UCA External Funding:  
\$7,000,521**

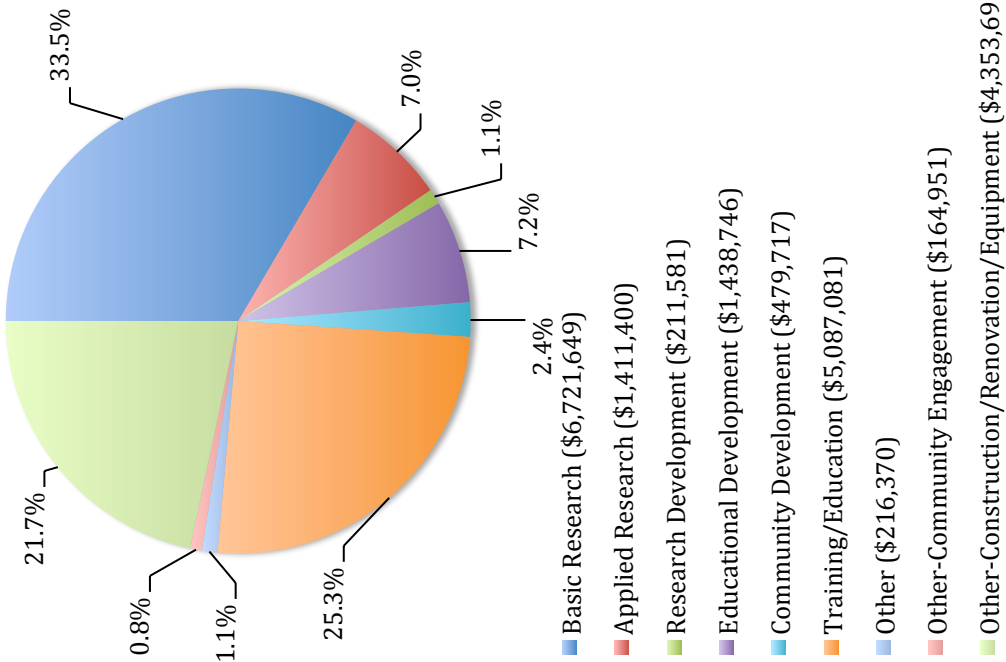


**Notes:**

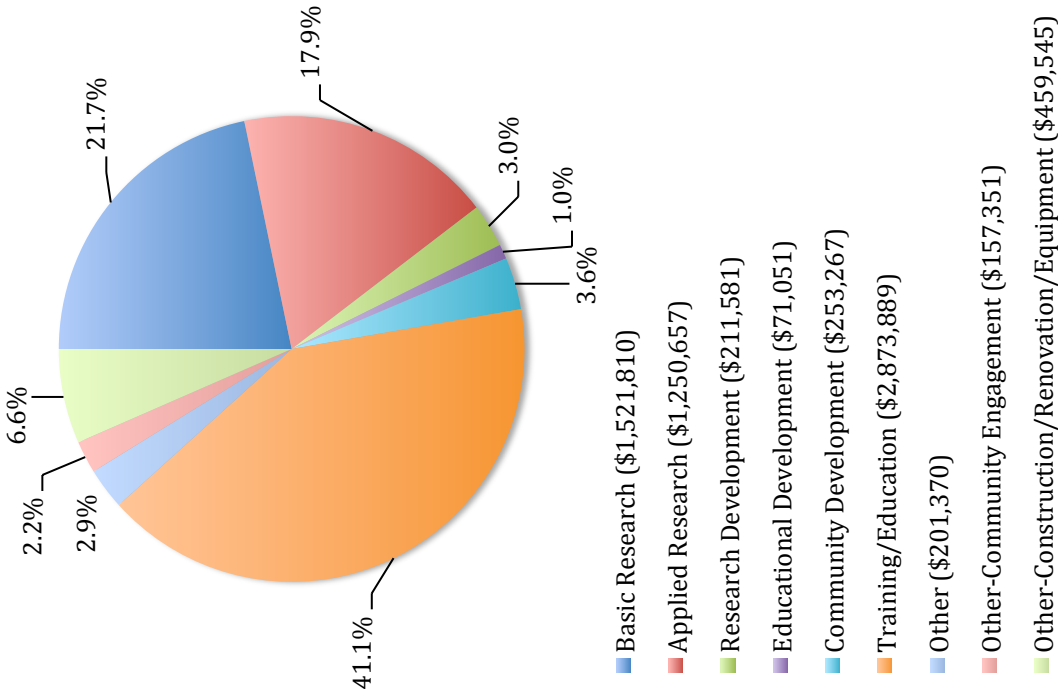
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# UCA SPONSORED PROGRAMS BY FUNCTIONAL AREA

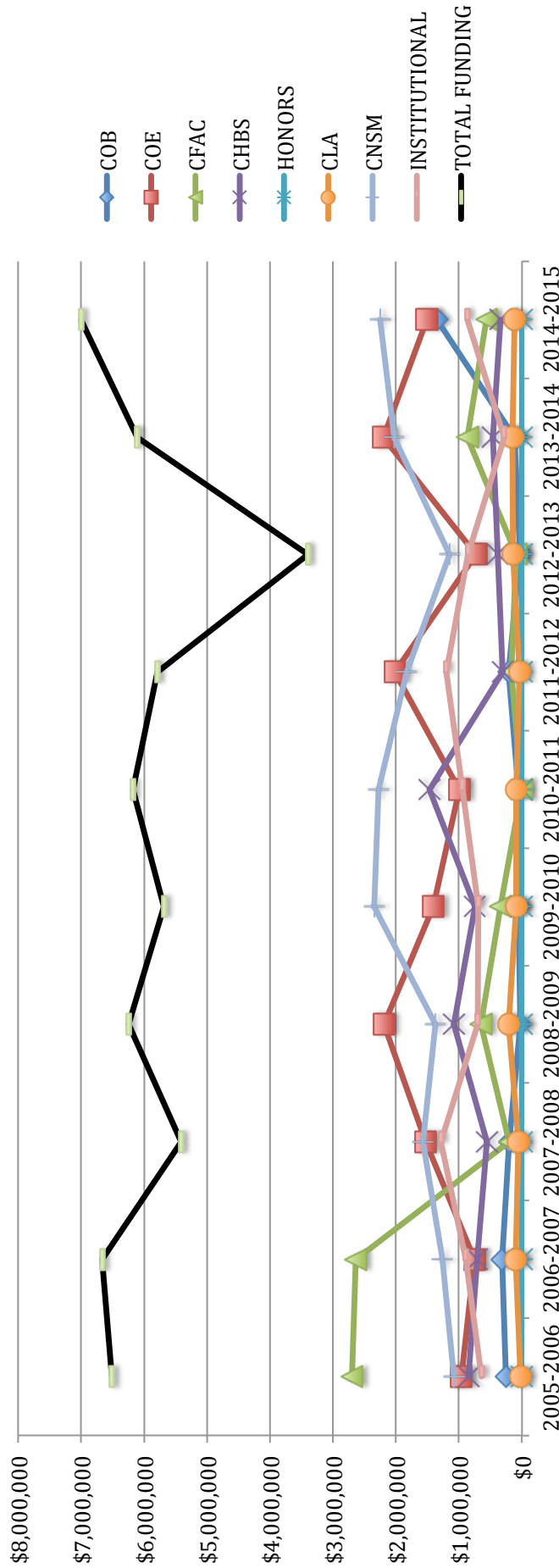
**FY 2015 Submissions by Functional Area:**  
**\$20,085,189**



**FY 2015 Awards by Functional Area:**  
**\$7,000,521**



# TEN-YEAR FUNDING TRENDS BY COLLEGE, FISCAL YEARS 2006-2015

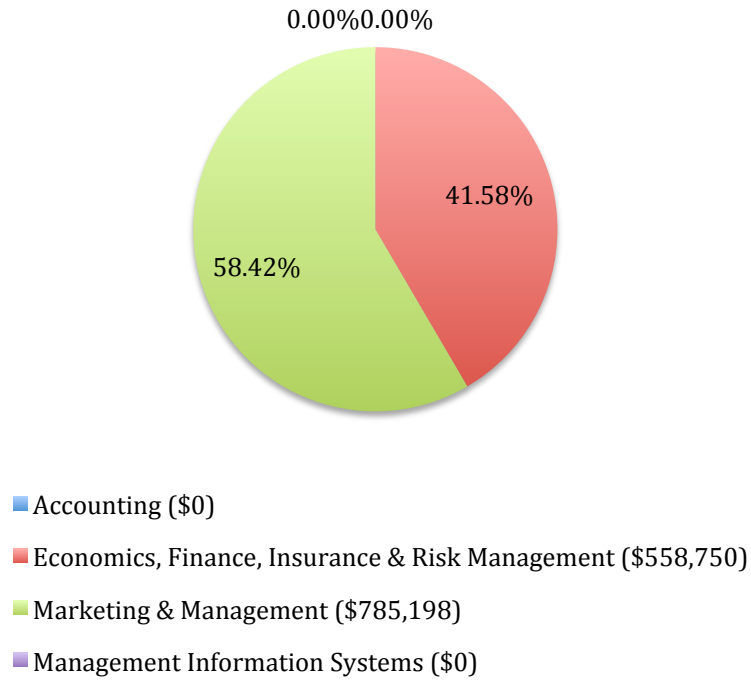


	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
COB	\$251,353	\$316,727	\$206,042	\$25,532	\$60,396	\$60,396	\$215,318	\$34,882	\$116,800	\$1,343,948
COE	\$962,140	\$750,339	\$1,525,630	\$2,189,799	\$1,403,956	\$992,844	\$2,019,589	\$729,775	\$2,204,243	\$1,513,309
CFAC	\$2,703,179	\$2,636,023	\$201,872	\$654,177	\$342,750	\$2,750	\$171,250	\$94,000	\$866,365	\$563,277
CHBS	\$848,464	\$713,534	\$552,682	\$1,083,770	\$742,324	\$1,466,958	\$304,643	\$384,318	\$463,962	\$343,005
HONORS	\$1,687	\$0	\$250	\$6,025	\$2,000	\$2,000	\$5,000	\$9,250	\$0	\$0
CLA	\$23,280	\$98,416	\$58,594	\$216,102	\$89,594	\$89,594	\$37,566	\$141,328	\$151,859	\$121,155
CNSM	\$1,078,995	\$1,262,698	\$1,575,489	\$1,371,681	\$2,348,992	\$2,278,751	\$1,832,817	\$1,146,911	\$2,025,397	\$2,249,676
INSTITUTIONAL	\$641,858	\$891,437	\$1,286,083	\$702,511	\$692,180	\$943,955	\$1,199,613	\$856,255	\$280,179	\$866,151
TOTAL FUNDING	\$6,510,956	\$6,669,174	\$5,406,642	\$6,249,597	\$5,682,192	\$6,177,248	\$5,785,796	\$3,396,719	\$6,108,805	\$7,000,521

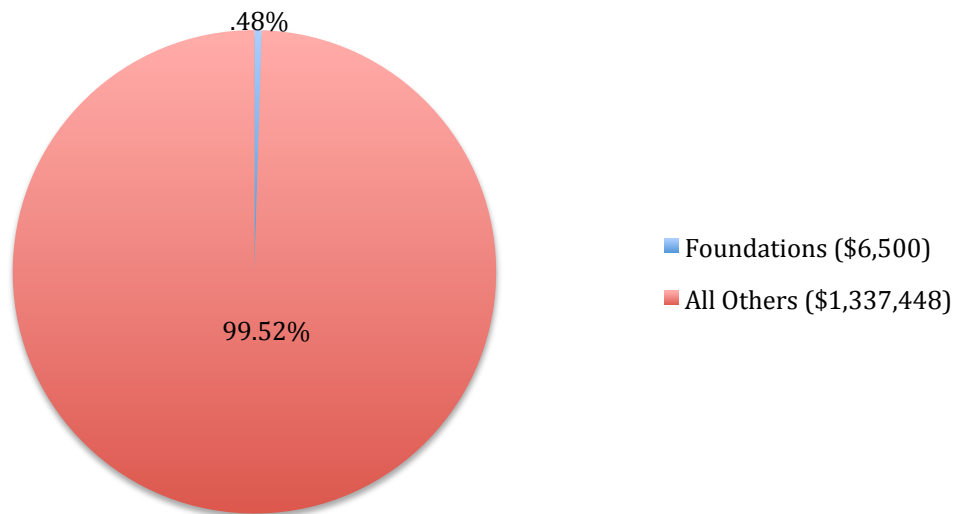


# College of Business

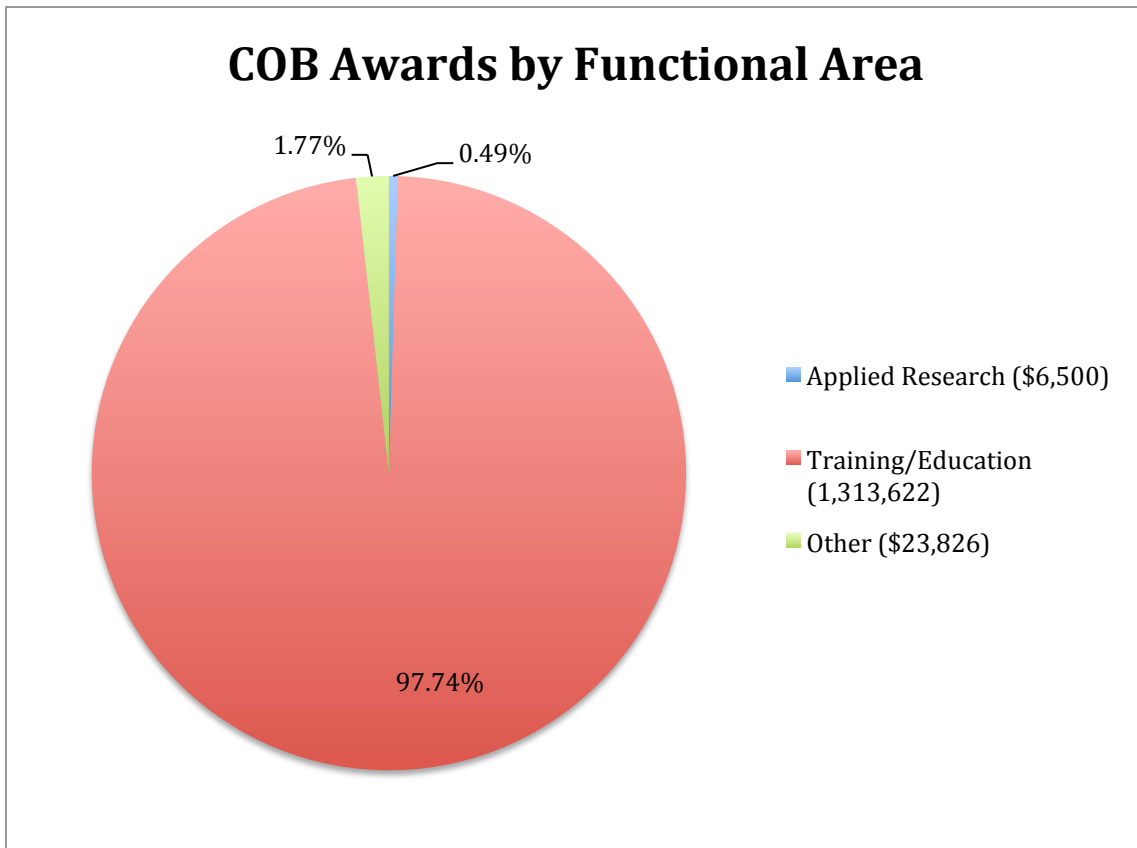
## Total COB External Funding: \$1,343,948



## COB Awards by Source



## COB Awards by Functional Area

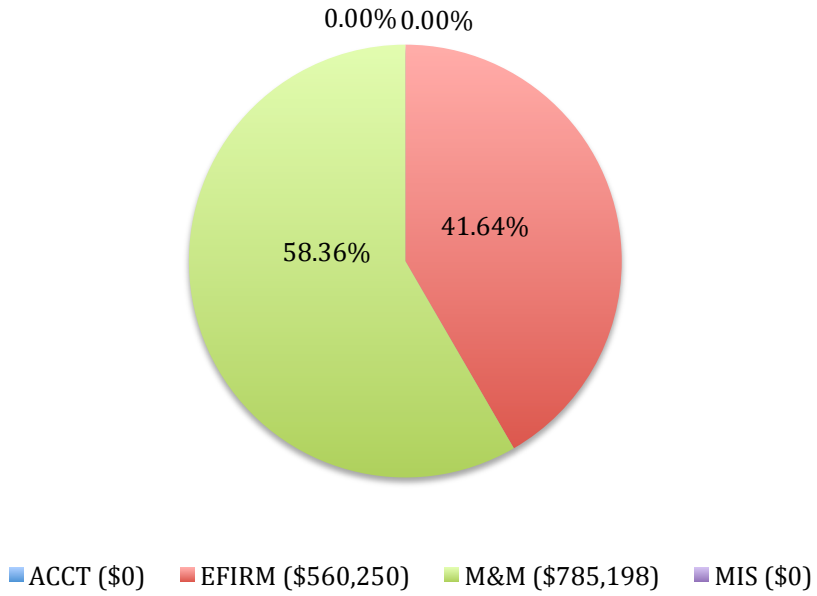


**Notes:**

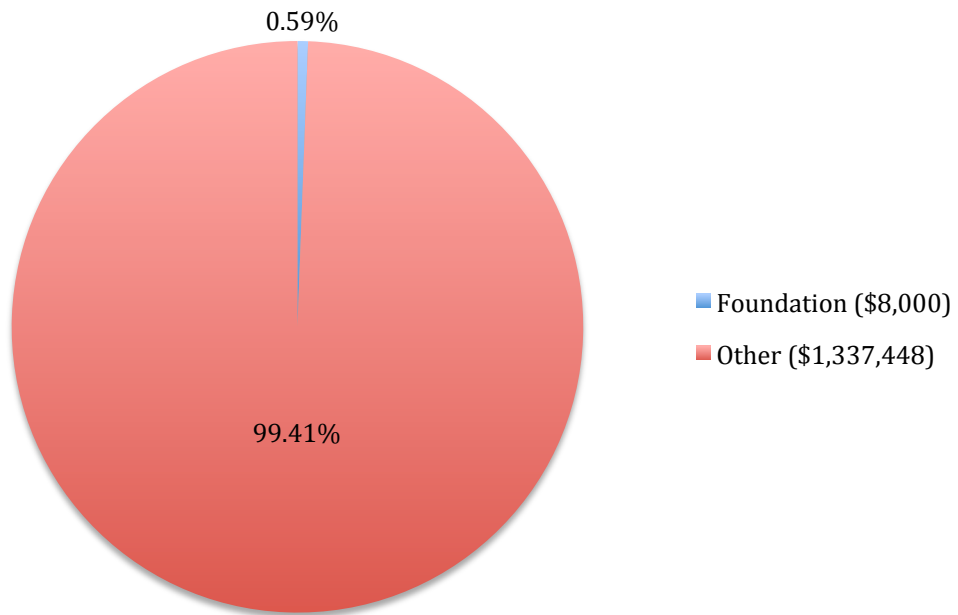
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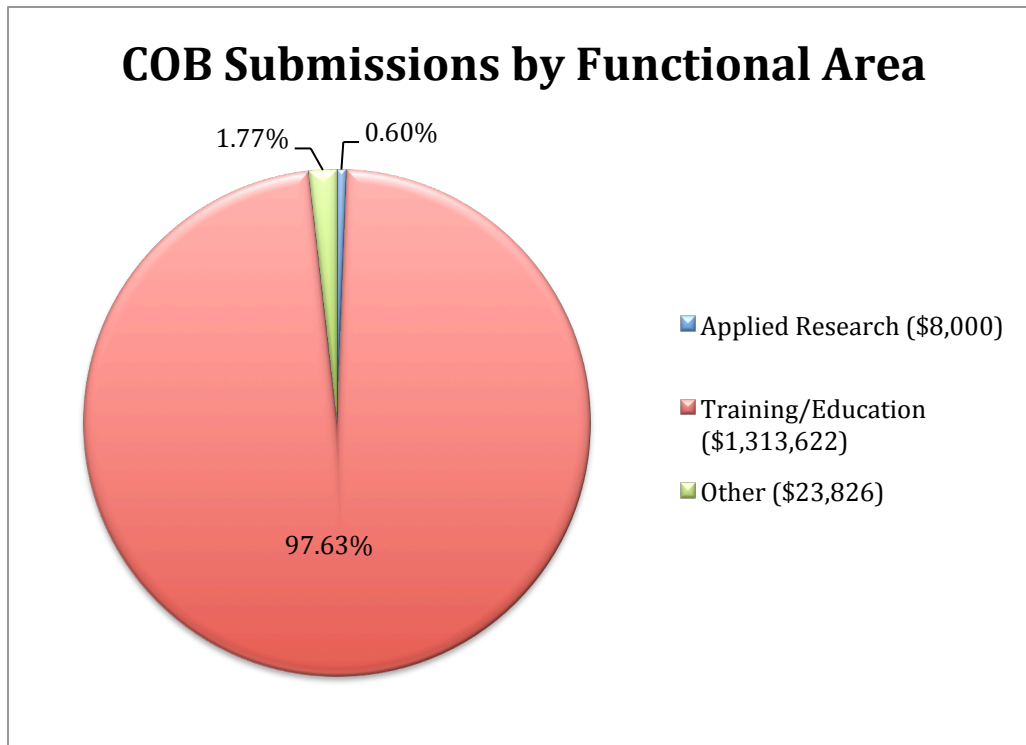
<b>COB Awards by Department</b>				
Lead PI/PD	Funder	Title	Amount	FA
<b>Economics, Finance, Insurance &amp; Risk Management</b>				
McGarrity, Joseph	Koch Foundation	COB Undergraduate Research Fellowship	\$6,500	AR
Rogers, Tammy	Arkansas Center for Research in Economics	Supplement AR Center for Research in Economics (year 1 of 4)	\$552,250	T/E
<b>Marketing &amp; Management</b>				
Hargis, Michael	Arkansas Center for Research in Economics through the UCA Foundation	Arkansas Center for Research in Economics (year 2 of 4)	\$761,372	T/E
Hargis, Michael	UCA Foundation	EPIC Residential College	\$23,826	O
<b>College of Business Total Dollars Awarded:</b>			<b>\$1,343,948</b>	

**Total COB Funds Requested:  
\$1,345,448**



**COB Submissions by Source**



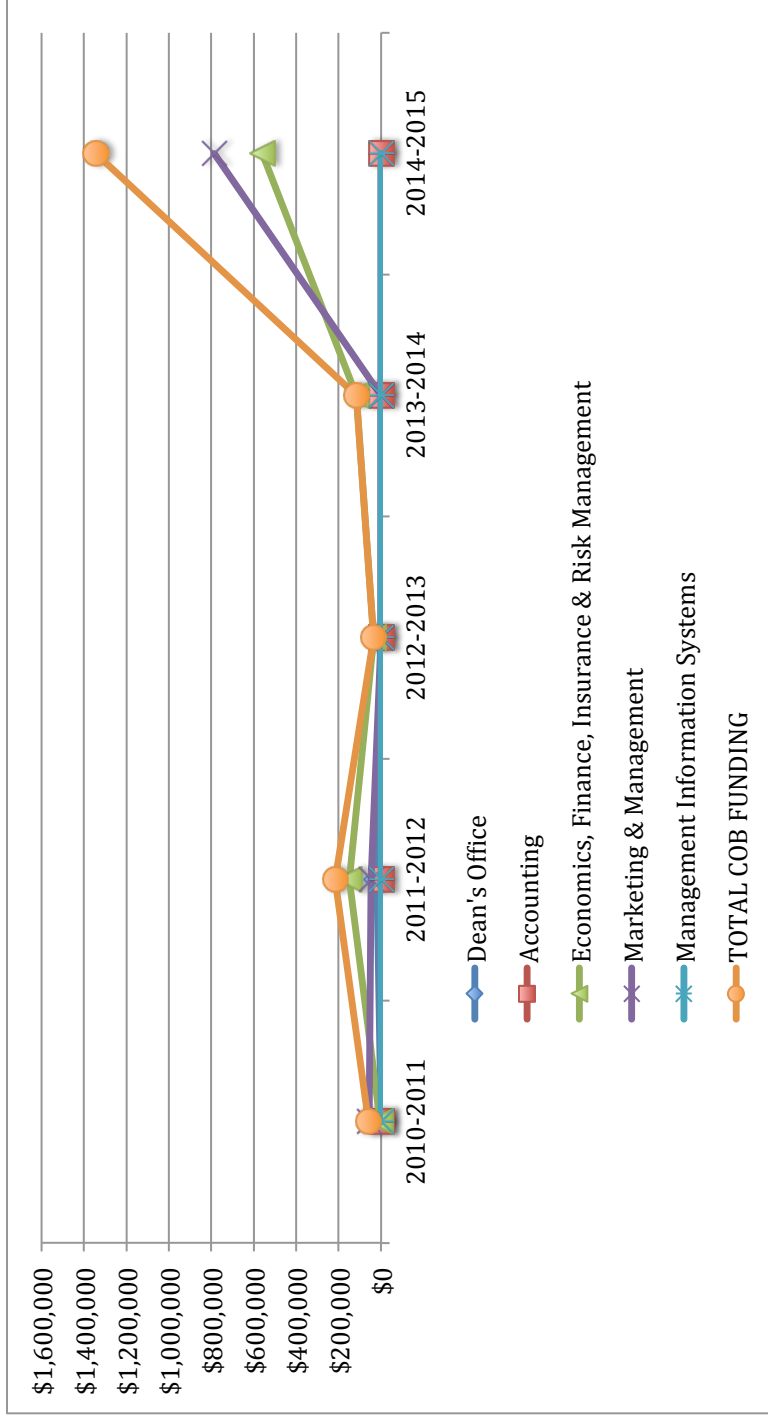


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COB Submissions by Department				
Lead PI/PD	Funder	Title	Amount	FA
<b>Economics, Finance, Insurance &amp; Risk Management</b>				
McGarrity, Joseph	Koch Foundation	COB Undergraduate Research Fellowship	\$8,000	AR
Rogers, Tammy	Arkansas Center for Research in Economics	Supplement AR Center for Research in Economics (year 1 of 4)	\$552,250	T/E
<b>Marketing &amp; Management</b>				
Hargis, Michael	Arkansas Center for Research in Economics through the UCA Foundation	Arkansas Center for Research in Economics (year 2 of 4)	\$761,372	T/E
Hargis, Michael	UCA Foundation	EPIC Residential College	\$23,826	O
<b>College of Business Total Dollars Requested:</b>			<b>\$1,345,448</b>	

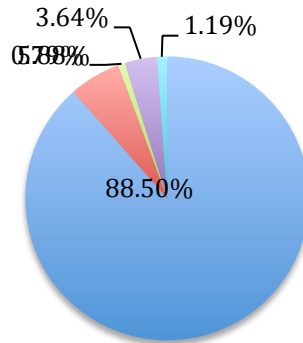
## COLLEGE OF BUSINESS FIVE-YEAR FUNDING TRENDS BY DEPARTMENT FISCAL YEARS 2011-2015



	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Dean's Office	\$0	\$20,000	\$0	\$0	\$0
Accounting	\$0	\$0	\$0	\$0	\$0
Economics, Finance, Insurance & Risk Management	\$4,000	\$148,782	\$34,882	\$116,800	\$560,250
Marketing & Management	\$56,396	\$46,536	\$0	\$0	\$785,198
Management Information Systems	\$0	\$0	\$0	\$0	\$0
<b>TOTAL COB FUNDING</b>	<b>\$60,396</b>	<b>\$215,318</b>	<b>\$34,882</b>	<b>\$116,800</b>	<b>\$1,345,448</b>

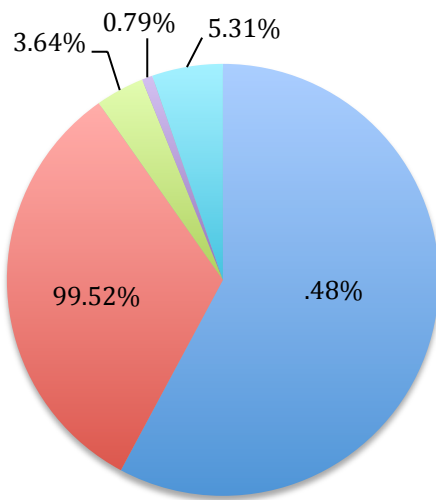
# College of Education

## Total COE External Funding: \$1,513,309



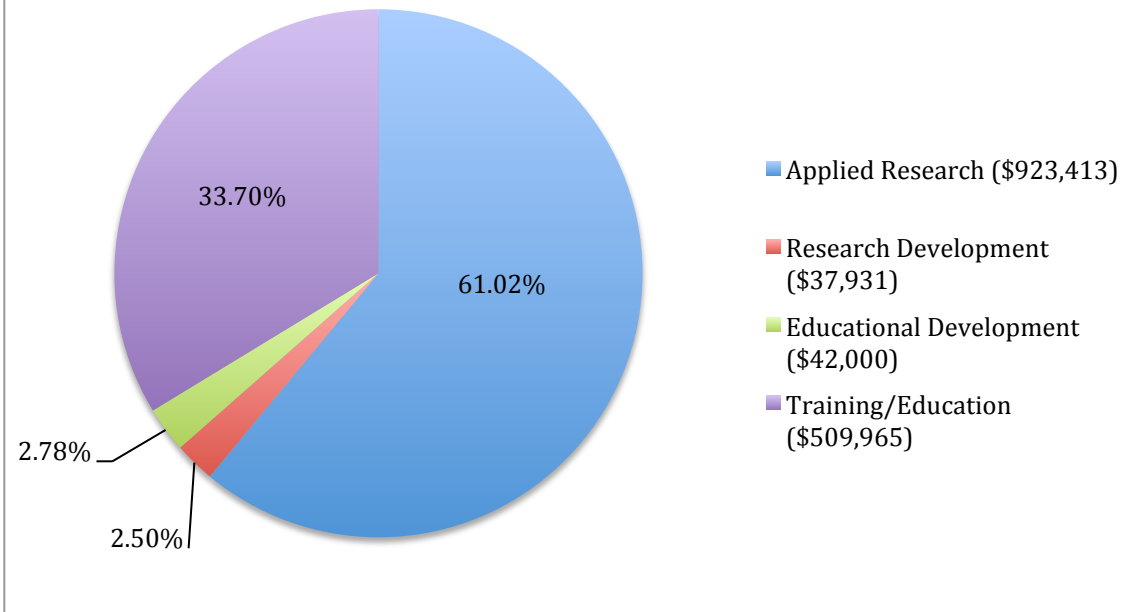
- Dean's Office (\$1,339,316)
- Early Childhood & Special Education (\$88,931)
- Leadership Studies (\$12,000)
- Teaching & Learning (\$55,000)
- Candidate Services & Field Experience (\$18,062)

## COE Awards by Source



- Federal & Flow Through (\$875,273)
- State & Flow Through (\$490,662)
- Foundations & Flow Through (\$55,000)
- Corporations (\$12,000)
- All Others (\$80,374)

## COE Awards by Functional Area



**Notes:**

*Functional Area (FA): BR = Basic Research; AR = Applied Research; RD = Research Development; ED = Educational Development; CD = Community Development; T/E = Training/Education; O = Other; OCE = Other-Community Engagement; OCRE = Other-Construction/Renovation/Equipment. Awards are listed alphabetically by administering department and name of the lead PI, but many awards represent the collaborative efforts of multiple investigators and departments/units.*

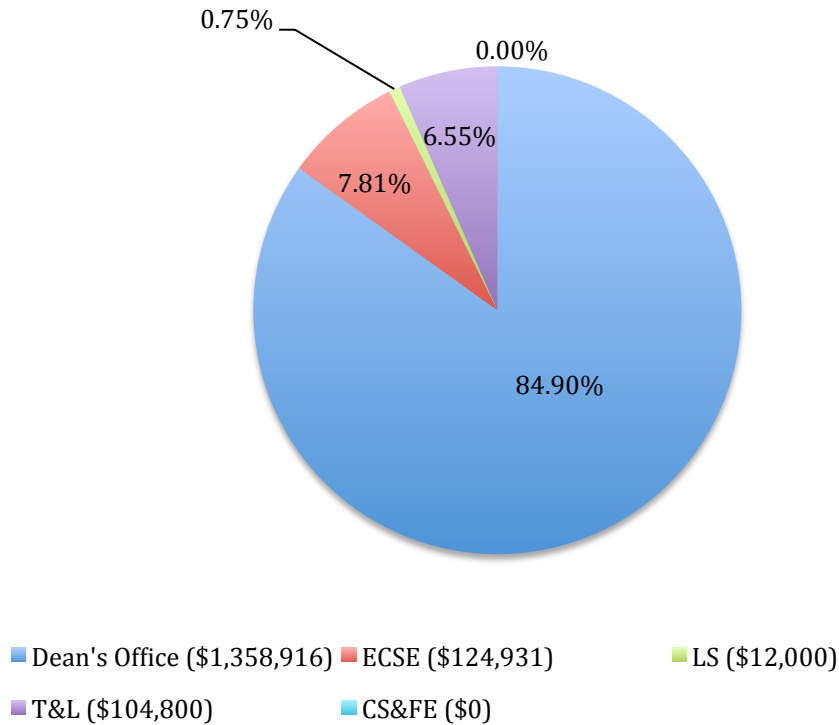
<b>COE Awards by Department</b>				
Lead PI/PD	Funder	Title	Amount	FA
<b>Dean's Office</b>				
Pounder, Diana (ARC)	Mid-South Community College	Right Skills Now: Bridge to Employment (year 2 of 4)	\$20,000	AR
Pounder, Diana (ARC)	Arkansas Department of Education/Arkansas Department of Human Services/Division of Childcare & Early Childhood Education	Pre-K Analysis (Longitudinal Research Evaluation for ABC/ABC for School Success) (yr 2)	\$327,000	AR
Pounder, Diana (ARC)	Arkansas Department of Career Education (ACE)	GED Administration Application (yr 1)	\$68,000	AR
Pounder, Diana	U.S. Department of Labor	Workforce Data	\$94,603	AR

(ARC)	through the Arkansas Department of Workforce Services	Quality Initiative (supplement to yr 2)		
Pounder, Diana (ARC)	U.S. Department of Education through the Arkansas Department of Education and the University of Arkansas at Fayetteville	PROMISE Grant (year 1)	\$30,000	AR
Pounder, Diana (ARC)	U.S. Department of Education through the Arkansas Department of Education and the University of Arkansas at Fayetteville	PROMISE Grant (year 2)	\$10,000	AR
Pounder, Diana (ARC)	U.S. Department of Labor through the Arkansas Department of Workforce Education	Workforce Data Quality Initiative (year 3)	\$145,563	AR
Pounder, Diana (ARC)	U.S. Department of Labor through NorthWest Arkansas Community College	Paths to Accelerated Completion and Employment (PACE)	\$77,273	AR
Pounder, Diana (ARC)	Arkansas Association of Two Year Colleges	ARC – Credit When It’s Due (year 2)	\$74,374	AR
Pounder, Diana (ARC)	Southeast Arkansas College	Determining percentage of SEARK graduates employed within 6 months of graduation	\$1,600	AR
Pounder, Diana (ARC)	Alaska Commission on Postsecondary Education	Alaska State Longitudinal Data System Report (Supplement)	\$6,000	ED
Pounder, Diana (ARC)	Arkansas Department of Education	ARC – ADE and HIPPI USA (Arkansas P20W Educational Data System)	\$20,000	AR
Williams, Carolyn	U.S. Department of Education	The UCA Partnership for Transition to Teaching Grant (year 4 of 5)	\$464,903	T/E
<b>Early Childhood &amp; Special Education</b>				
Cooper, Mark	Dollarway School District	AR Adolescent Literacy Intervention (AALI) Data – Professional Development Project (year 1 of 3)	\$18,000	ED
Cooper, Mark	U.S. Department of Education	Arkansas Adolescent	\$15,000	T/E

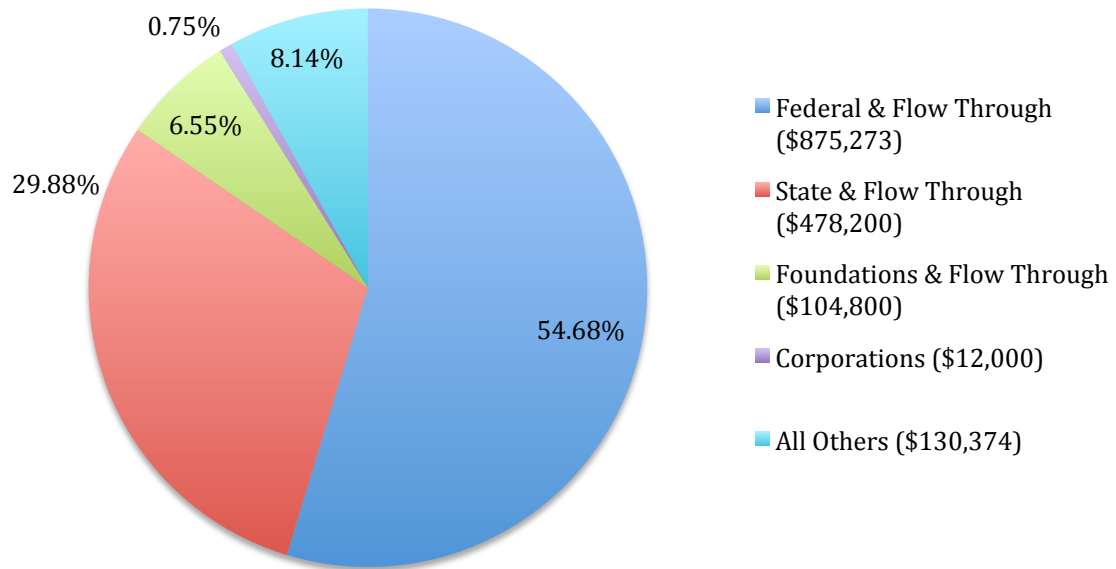


	through the Arkansas Department of Education	Literacy intervention Regional Learning Strategies Professional Development (year 2)		
Cooper, Mark	Dollarway School District	AR Adolescent Literacy Intervention (AALI) Data – Professional Development Project (year 2 of 3)	\$18,000	ED
Filer, Janet	U.S. Department of Health and Human Services through the Health Resources and Services Administration and the University of Arkansas for Medical Sciences	Leadership Education in Neurodevelopmental and Other Related Disabilities (LEND) (year 4 of 5)	\$37,931	RD
<b>Leadership Studies</b>				
James, Terry	EAST, Inc.	Professional Development Support for the EAST Initiative in America’s Schools (continuation)	\$6,000	T/E
James, Terry	EAST, Inc.	Professional Development Support for the EAST Initiative in America’s Schools (continuation)	\$6,000	T/E
<b>Teaching and Learning</b>				
Miller, Rachelle	Windgate Charitable Foundation through the Thea Foundation	A+ Schools Research Project (year 1 of 3)	\$30,100	AR
Miller, Rachelle	Windgate Charitable Foundation through the Thea Foundation	A+ Schools Research Project (year 2 of 3)	\$24,900	AR
<b>Candidate Services &amp; Field Experience</b>				
Thompson, Amy	Arkansas Department of Education	NBPTS – Candidate Support Center	\$18,062	T/E
<b>College of Education Total Dollars Awarded:</b>			<b>\$1,513,309</b>	

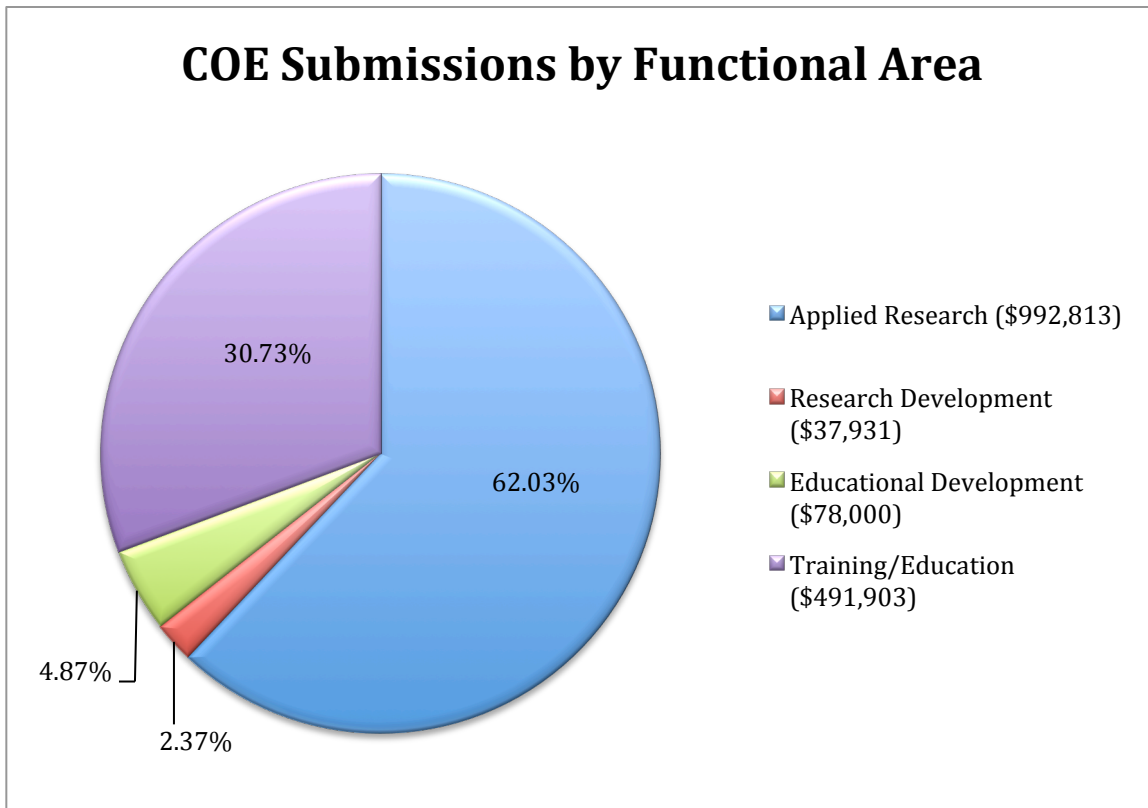
## Total COE Funds Requested: \$1,600,647



## COE Submissions by Source



## COE Submissions by Functional Area



Notes:

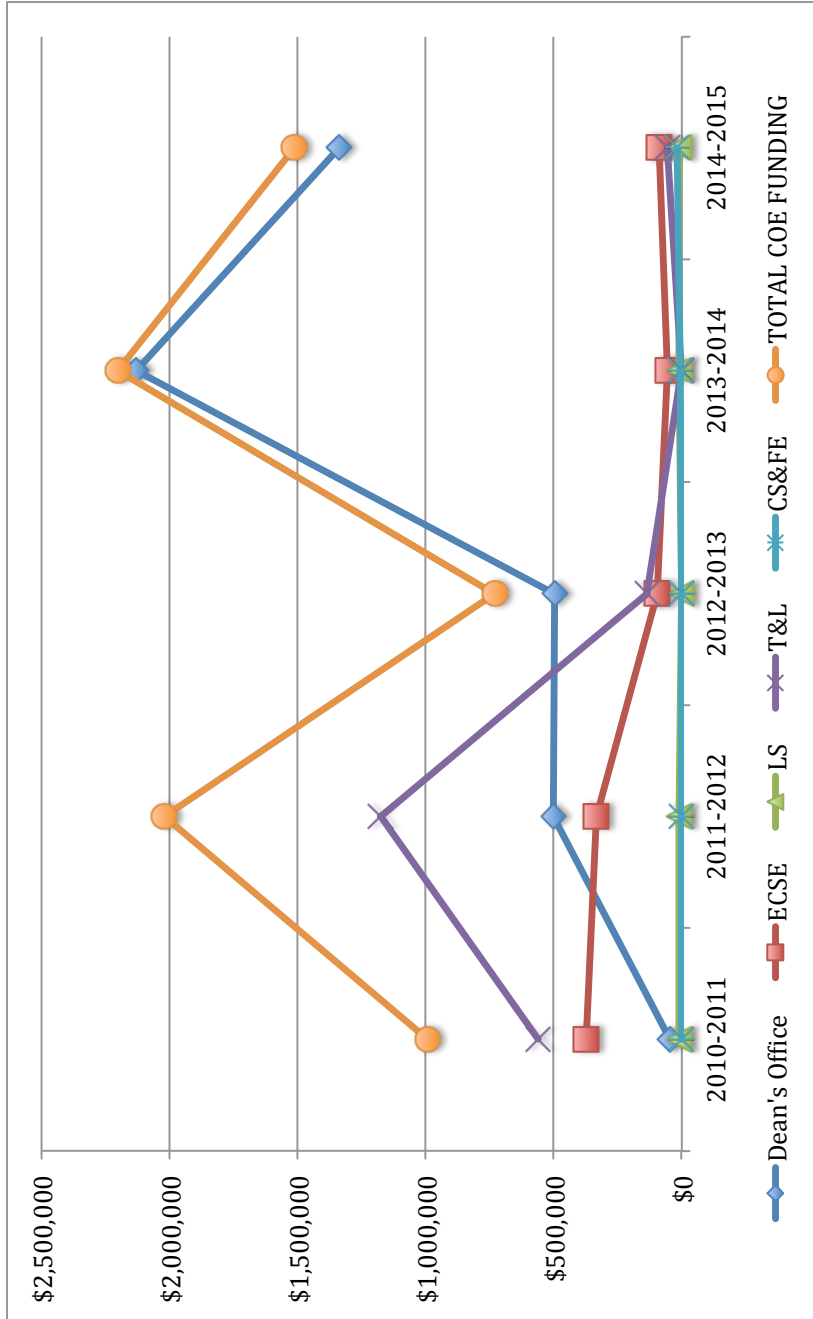
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COE Submissions by Department				
Lead PI/PD	Funder	Title	Amount	FA
<b>Dean's Office</b>				
Pounder, Diana (ARC)	Mid-South Community College	Right Skills Now: Bridge to Employment (year 2 of 4)	\$20,000	AR
Pounder, Diana (ARC)	U.S. Department of Labor through the Arkansas Department of Workforce Services	Workforce Data Quality Initiative (supplement to yr 2)	\$94,603	AR
Pounder, Diana (ARC)	Arkansas Department of Education/Arkansas Department of Human Services/Division of Childcare & Early Childhood Education	Pre-K Analysis (Longitudinal Research Evaluation for ABC/ABC for School Success) (yr 2)	\$327,000	AR

Pounder, Diana (ARC)	Arkansas Department of Career Education (ACE)	GED Administration Application (year 1)	\$37,600	AR
Pounder, Diana (ARC)	U.S. Department of Education through the Arkansas Department of Education and the University of Arkansas at Fayetteville	PROMISE Grant (year 1)	\$30,000	AR
Pounder, Diana (ARC)	U.S. Department of Education through the Arkansas Department of Education and the University of Arkansas at Fayetteville	PROMISE Grant (year 2)	\$10,000	AR
Pounder, Diana (ARC)	U.S. Department of Labor through the Arkansas Department of Workforce Education	Workforce Data Quality Initiative (year 3)	\$145,563	AR
Pounder, Diana (ARC)	U.S. Department of Labor through NorthWest Arkansas Community College	Paths to Accelerated Completion and Employment (PACE)	\$77,273	AR
Pounder, Diana (ARC)	Arkansas Association of Two Year Colleges	Guided Pathways	\$50,000	AR
Pounder, Diana (ARC)	Arkansas Association of Two Year Colleges	ARC – Credit When It’s Due (year 2)	\$74,374	AR
Pounder, Diana (ARC)	Southeast Arkansas College	Determining percentage of SEARK graduates employed within 6 months of graduation	\$1,600	AR
Pounder, Diana (ARC)	Alaska Commission on Postsecondary Education	Alaska State Longitudinal Data System Report (Supplement)	\$6,000	ED
Pounder, Diana (ARC)	Arkansas Department of Education	ARC – ADE and HIPPIY USA (Arkansas P20W Educational Data System)	\$20,000	AR
Williams, Carolyn	U.S. Department of Education	The UCA Partnership for Transition to Teaching Grant (year 4 of 5)	\$464,903	T/E
<b>Early Childhood &amp; Special Education</b>				
Cooper, Mark	Dollarway School District	AR Adolescent Literacy Intervention (AALI) Data – Professional Development Project (year 1 of 3)	\$54,000	ED

Cooper, Mark	U.S. Department of Education through the Arkansas Department of Education	Arkansas Adolescent Literacy intervention Regional Learning Strategies Professional Development (year 2)	\$15,000	T/E
Cooper, Mark	Dollarway School District	AR Adolescent Literacy Intervention (AALI) Data – Professional Development Project (year 2 of 3)	\$18,000	ED
Filer, Janet	U.S. Department of Health and Human Services through the Health Resources and Services Administration and the University of Arkansas for Medical Sciences	Leadership Education in Neurodevelopmental and Other Related Disabilities (LEND) (year 4 of 5)	\$37,931	RD
<b>Leadership Studies</b>				
James, Terry	EAST, Inc.	Professional Development Support for the EAST Initiative in America’s Schools (continuation)	\$6,000	T/E
James, Terry	EAST, Inc.	Professional Development Support for the EAST Initiative in America’s Schools (continuation)	\$6,000	T/E
<b>Teaching and Learning</b>				
Miller, Rachelle	Windgate Charitable Foundation through the Thea Foundation	A+ Schools Research Project (year 1 of 3)	\$79,900	AR
Miller, Rachelle	Windgate Charitable Foundation through the Thea Foundation	A+ Schools Research Project (year 2 of 3)	\$24,900	AR
<b>Candidate Services &amp; Field Experience</b>				
Thompson, Amy	Arkansas Department of Education	NBPTS – Candidate Support Center	\$0	T/E
<b>College of Education Total Dollars Requested:</b>			<b>\$1,600,647</b>	

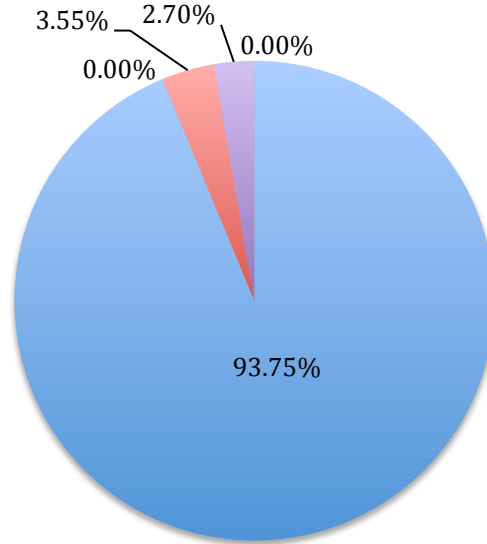
## COLLEGE OF EDUCATION FIVE-YEAR FUNDING TRENDS BY DEPARTMENT FISCAL YEARS 2011-2015



	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Dean's Office	\$45,473	\$500,475	\$496,182	\$2,130,022	\$1,339,316
ECSE	\$373,371	\$332,341	\$96,386	\$55,132	\$88,931
LS	\$12,000	\$12,000	\$0	\$12,000	\$12,000
T&L	\$562,000	\$1,174,773	\$137,207	\$0	\$55,000
CS&FE	\$0	\$0	\$0	\$7,089	\$18,062
TOTAL COE FUNDING	\$992,844	\$2,019,589	\$729,775	\$2,204,243	\$1,513,309

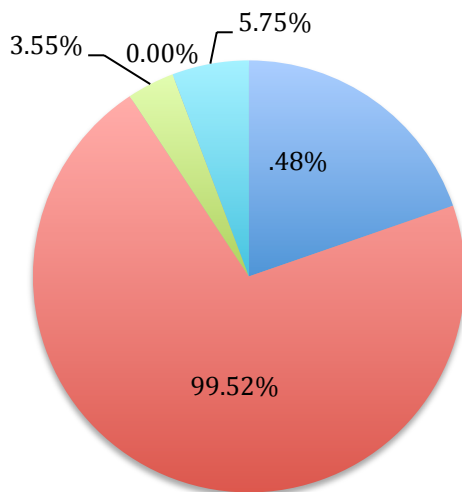
# College of Fine Arts & Communication

## Total CFAC External Funding: \$563,277



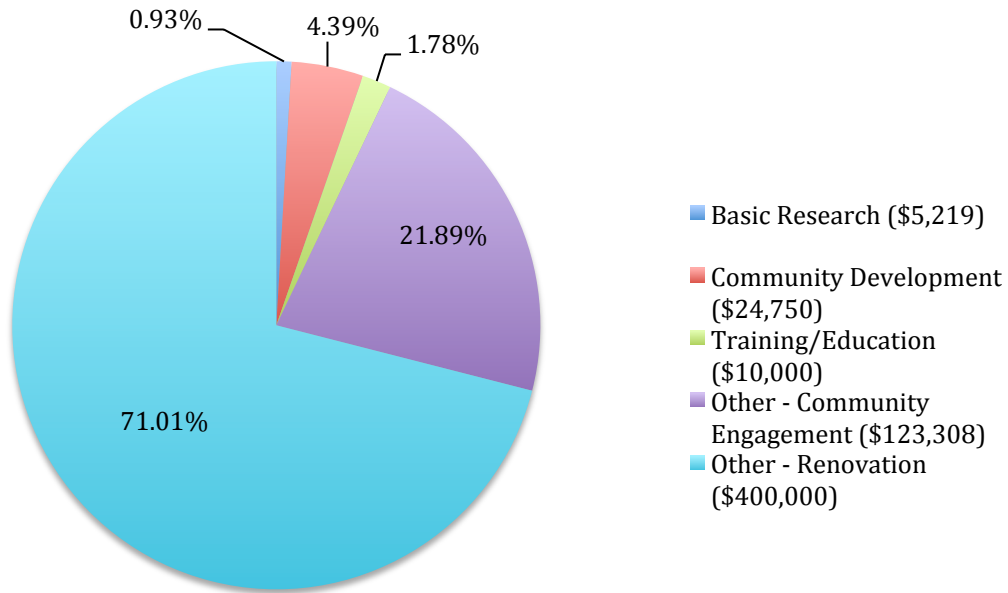
- Art (\$528,058)
- Mass Communication & Theatre (\$20,000)
- Music (\$0)
- Writing (\$15,219)
- Public Appearances (\$0)

## CFAC Awards by Source



- Federal & Flow Through (\$110,877)
- State & Flow Through (\$400,000)
- Foundations & Flow Through (\$20,000)
- Corporations (\$0)
- All Others (\$32,400)

## CFAC Awards by Functional Area



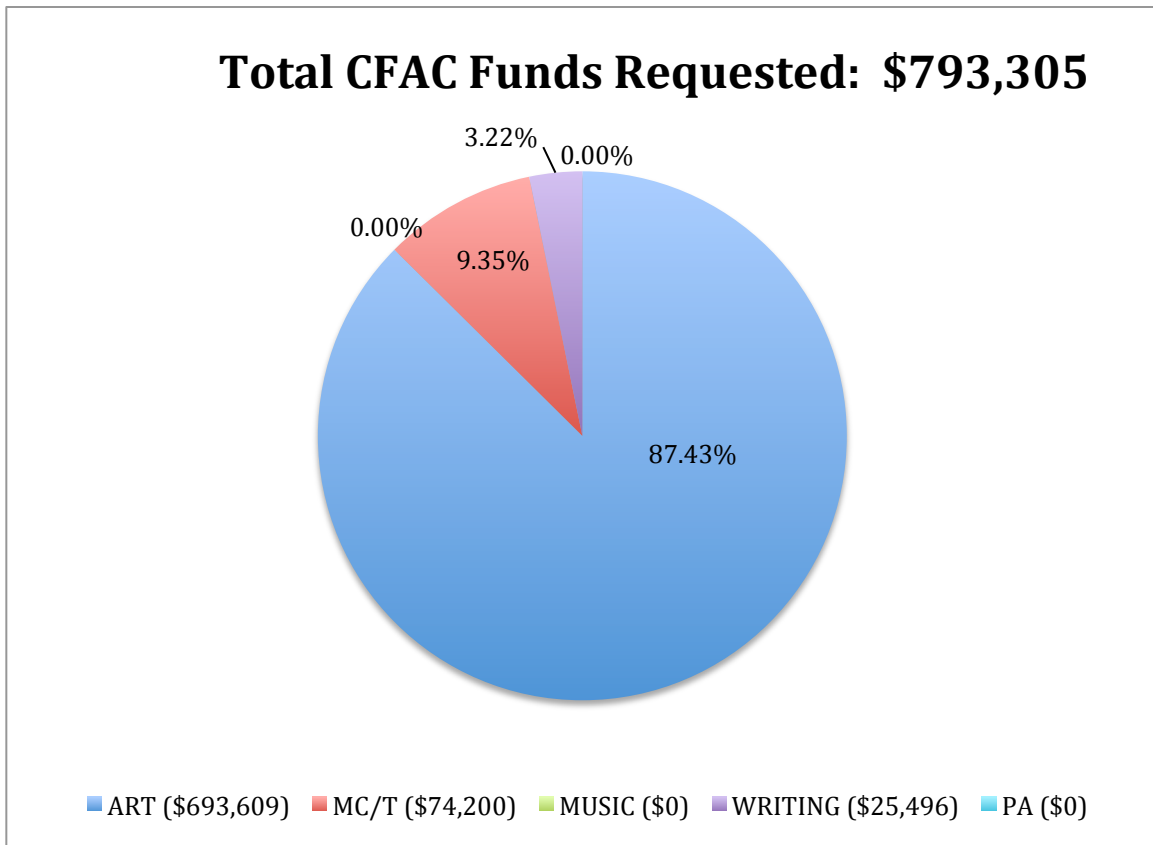
**Notes:**

*Functional Area (FA): BR = Basic Research; AR = Applied Research; RD = Research Development; ED = Educational Development; CD = Community Development; T/E = Training/Education; O = Other; OCE = Other-Community Engagement; OCRE = Other-Construction/Renovation/Equipment. Awards are listed alphabetically by administering department and name of the lead PI, but many awards represent the collaborative efforts of multiple investigators and departments/units.*

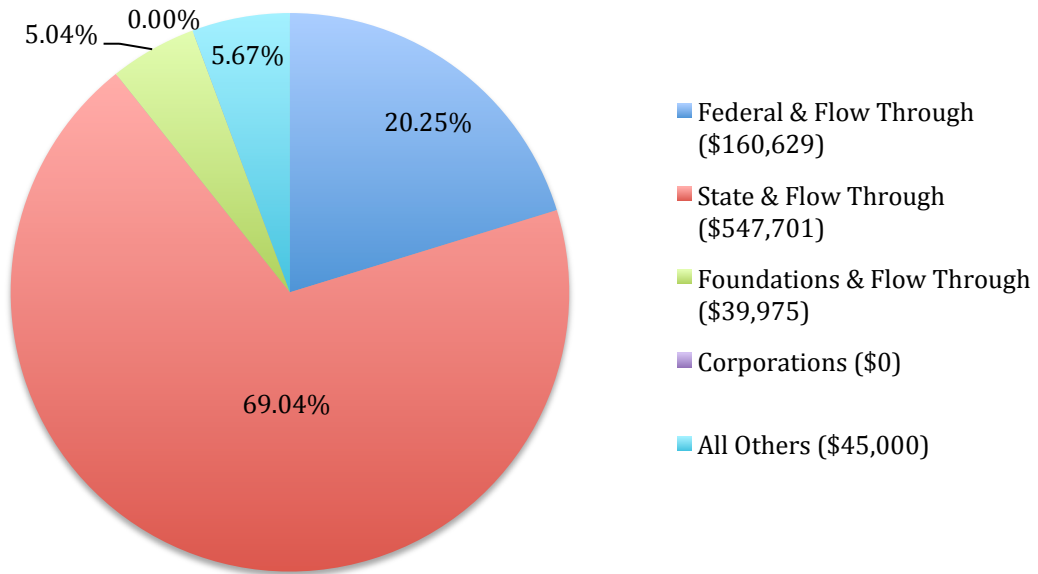
<b>CFAC Awards by Department</b>				
Lead PI/PD	Funder	Title	Amount	FA
<b>Art</b>				
Seymour, Gayle	National Endowment for the Arts through Mid-America Arts Alliance	M-AAA Support for Core Performance Company 2015	\$4,750	CD
Seymour, Gayle	Arkansas Natural and Cultural Resource Council (ANCRC)	UCA McCastlain Hall Phase II Renovation	\$400,000	OCRE
Seymour, Gayle	U.S. Department of the Interior through the National Park Service	A Season of Remembrance: Rohwer and Jerome at 70	\$75,908	OCE
Seymour, Gayle	MapFund	Little Rock Nine Opera	\$32,400	OCE



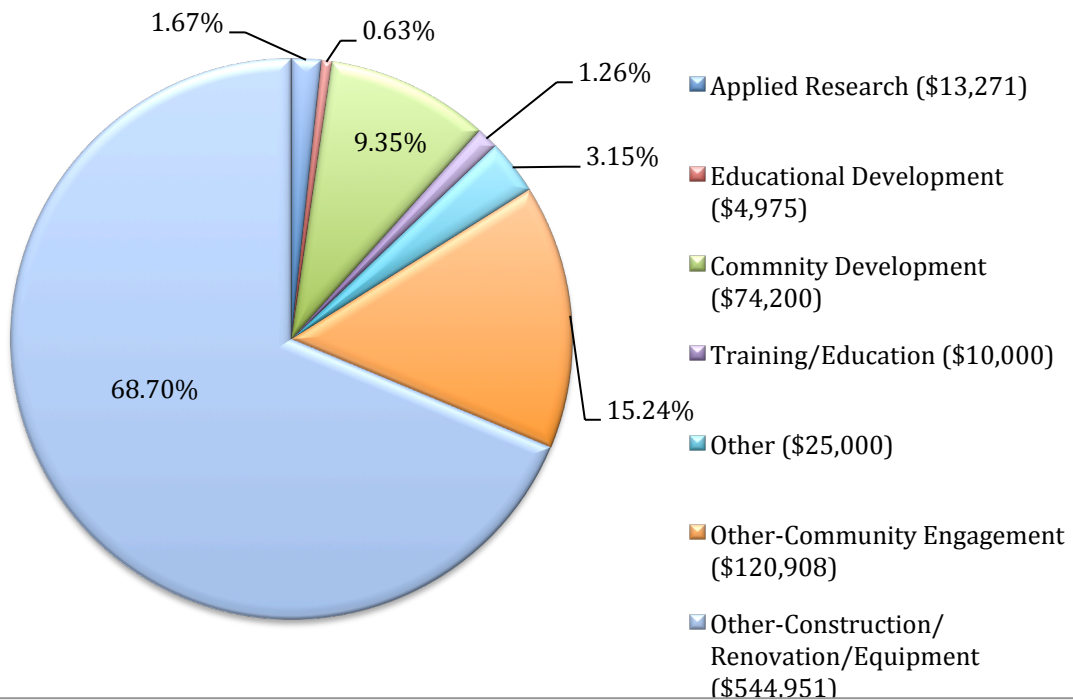
Seymour, Gayle	National Endowment for the Arts	Little Rock Nine Opera	\$15,000	OCE
<b>Mass Communication/Theatre</b>				
Stephens, Donna	Fred Darragh Foundation	Little Rock Nine Opera Project	\$20,000	CD
<b>Writing</b>				
Vanderslice, Stephanie	U.S. Department of Education through the National Writing Project	Great Bear Writing Project Teach Leadership Seed (year 2 of 2)	\$10,000	T/E
Escamilla, Ramon	National Science Foundation through the University of California at Davis	Expanding the Documentation of Hupa: Fieldwork and Enhanced Online Access	\$5,219	BR
<b>College of Fine Arts &amp; Communication Total Dollars Awarded:</b>			<b>\$563,277</b>	



## CFAC Submissions by Source



## CFAC Submissions by Functional Area



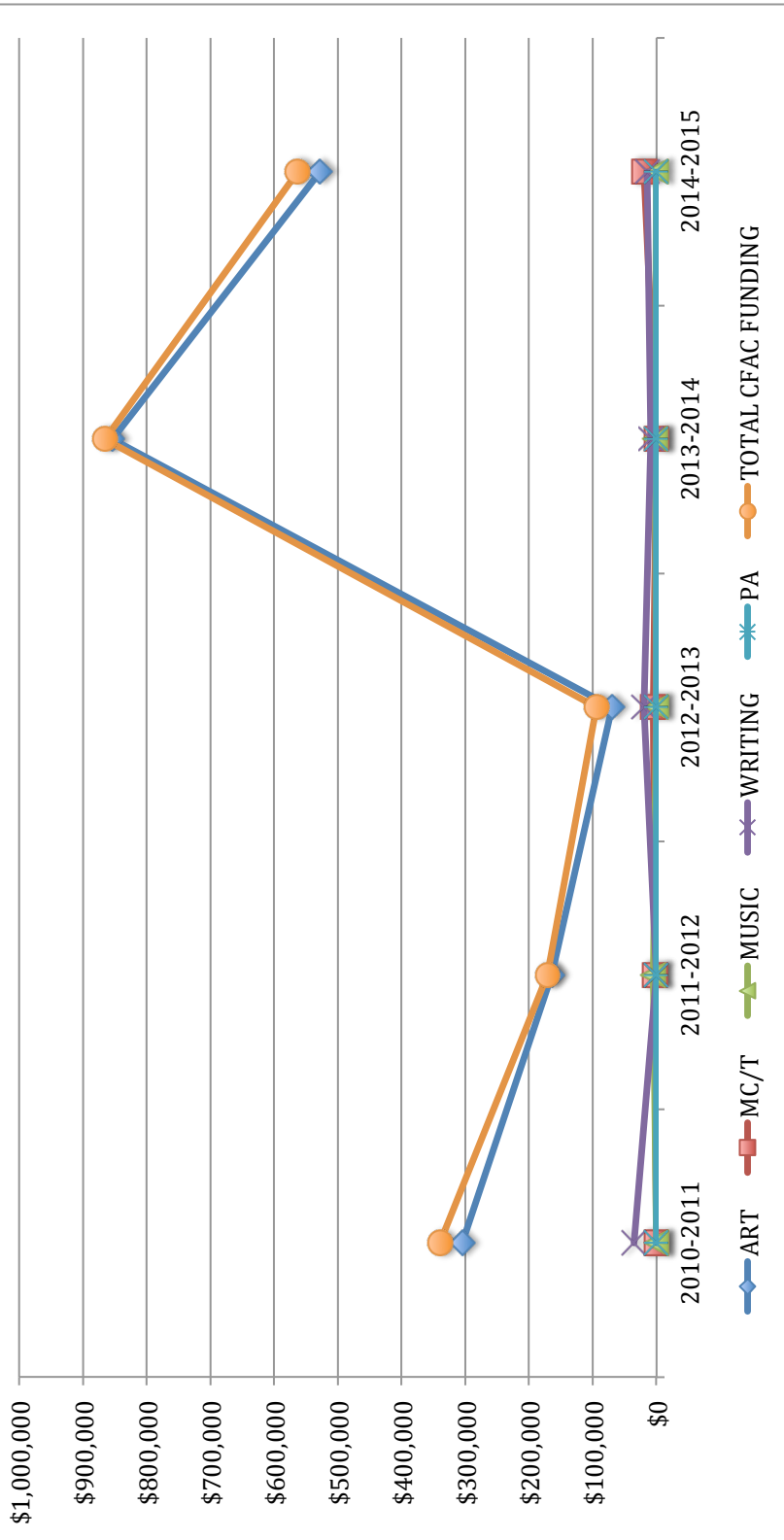
Notes:

*Functional Area (FA): BR = Basic Research; AR = Applied Research; RD = Research Development; ED = Educational Development; CD = Community Development; T/E = Training/Education; O = Other; OCE = Other-Community Engagement; OCRE = Other-Construction/Renovation/Equipment. Submissions are listed alphabetically by administering department and name of the lead PI, but many submissions represent the collaborative efforts of multiple investigators and departments/units.*

<b>CFAC Submissions by Department</b>				
Lead PI/PD	Funder	Title	Amount	FA
<b>Art</b>				
Luckett, Sandra	Arkansas Department of Higher Education	Closing the Loop: Recycling and Sustainability in Furniture	\$2,750	BR
Seymour, Gayle	Willard and Pat Walker Charitable Foundation	Little Rock Nine Opera	\$15,000	O
Seymour, Gayle	U.S. Department of the Interior through the National Park Service	A Season of Remembrance: Rohwer and Jerome at 70	\$75,908	OCE
Seymour, Gayle	MapFund	Little Rock Nine Opera	\$45,000	OCE
Seymour, Gayle	National Endowment for the Arts through the Arkansas Arts Council	South on Main Jazz Project	\$10,000	O
Seymour, Gayle	Arkansas Natural and Cultural Resource Council (ANCRC)	UCA McCastlain Hall Phase II Renovation	\$544,951	OCRE
<b>Mass Communication/Theatre</b>				
Scallet, Rebekah	National Endowment for the Arts	The Merchant of Venice and Fiddler on the Roof	\$54,200	CD
Stephens, Donna	Fred Darragh Foundation	Little Rock Nine Opera Project	\$20,000	CD
<b>Writing</b>				
Escamilla, Ramon	National Science Foundation through the University of California at Davis	Expanding the Documentation of Hupa: Fieldwork and Enhanced Online Access	\$10,521	BR
Vanderslice, Stephanie	U.S. Department of Education through the National Writing Project	Great Bear Writing Project Teach Leadership SEED (year 2 of 2)	\$10,000	T/E

Vanderslice, Stephanie	National Education Association Foundation	BearsWrite Teacher Professional Development	\$4,975	ED
	<b>College of Fine Arts &amp; Communication Total Dollars Requested:</b>		<b>\$793,305</b>	

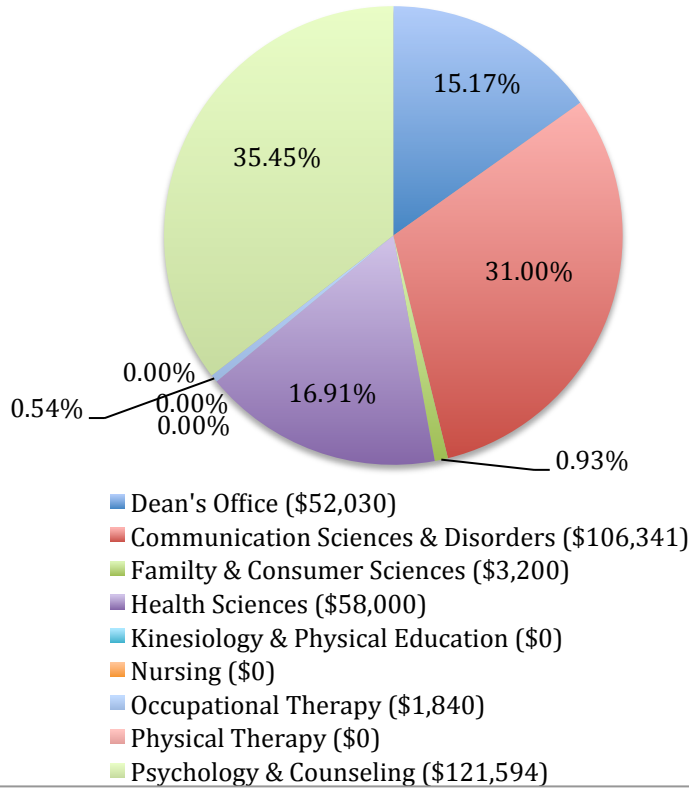
# COLLEGE OF FINE ARTS & COMMUNICATION FIVE-YEAR FUNDING TRENDS BY DEPARTMENT FISCAL YEARS 2011-2015



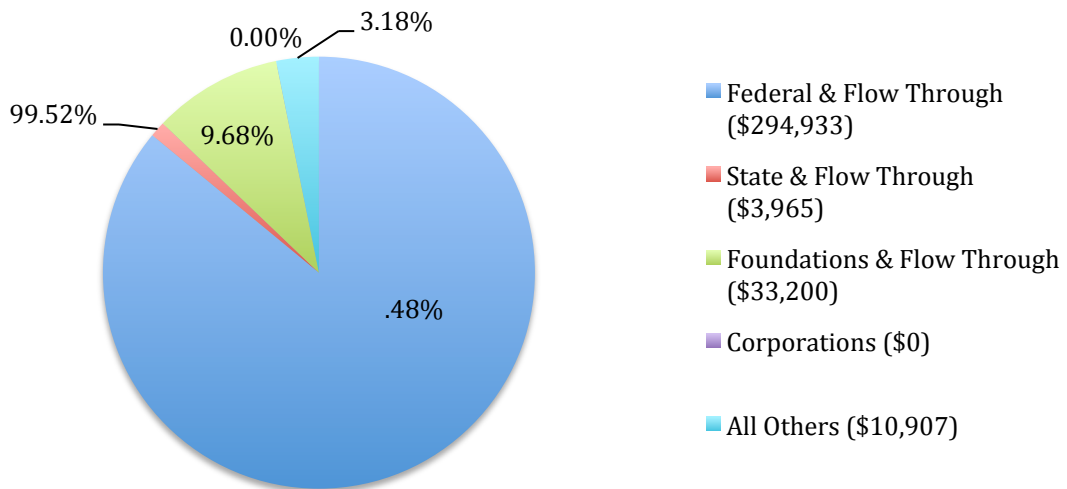
	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
ART	\$305,000	\$163,775	\$69,000	\$854,000	\$528,058
MC/T	\$0	\$2,750	\$5,000	\$0	\$20,000
MUSIC	\$0	\$4,725	\$0	\$2,365	\$0
WRITING	\$35,000	\$0	\$20,000	\$9,091	\$15,219
PA	\$0	\$0	\$0	\$0	\$0
TOTAL CFAC FUNDING	\$340,000	\$171,250	\$94,000	\$865,456	\$563,277

# College of Health & Behavioral Sciences

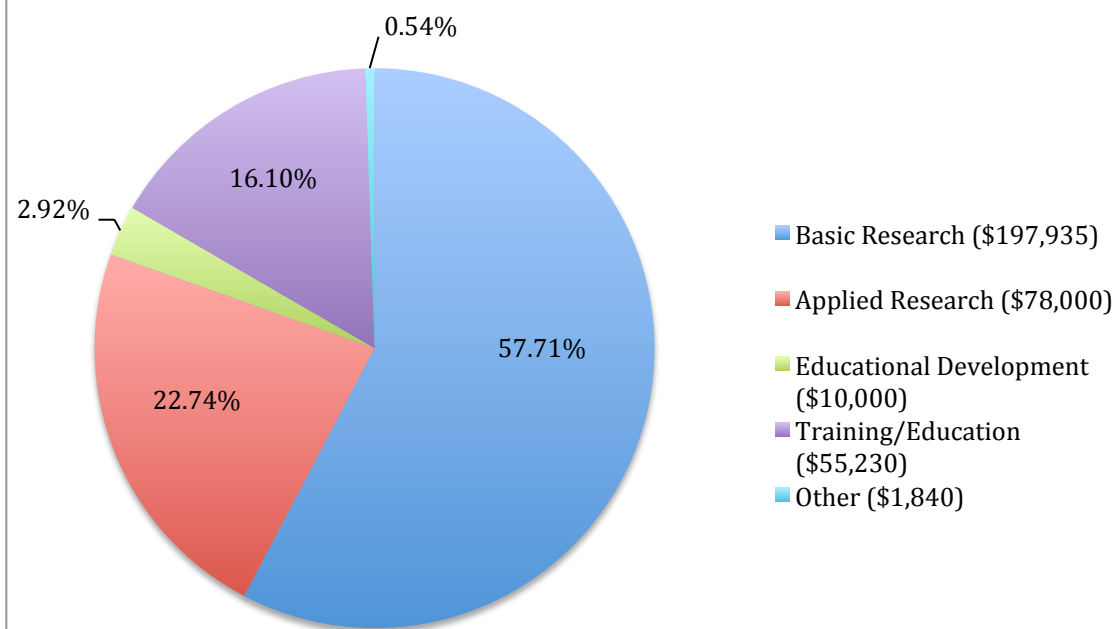
## Total CHBS External Funding: \$343,005



## CHBS Awards by Source



## CHBS Awards by Functional Area



**Notes:**

*Functional Area (FA): BR = Basic Research; AR = Applied Research; RD = Research Development; ED = Educational Development; CD = Community Development; T/E = Training/Education; O = Other; OCE = Other-Community Engagement; OCRE = Other-Construction/Renovation/Equipment. Awards are listed alphabetically by administering department and name of the lead PI, but many awards represent the collaborative efforts of multiple investigators and departments/units.*

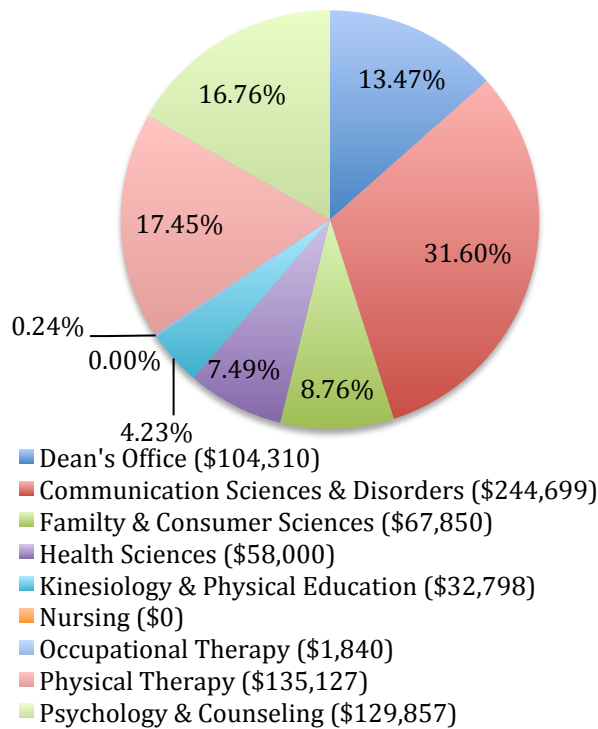
<b>CHBS Awards by Department</b>				
Lead PI/PD	Funder	Title	Amount	FA
<b>Dean's Office</b>				
Rainey, Jacqueline	U.S. Department of Health & Human Services through the Health Resources & Services Administration, and the University of Arkansas for Medical Sciences	Preparing Health Professionals in Geriatric Health (AGEC) (Yr. 5 of 5)	\$52,030	T/E
<b>Communication Sciences &amp; Disorders</b>				
Magimaira, Beula	Hearing Health Foundation	CAPD: Moving the science forward through	\$30,000	AR

		interdisciplinary collaborative research integrating Hearing, Language and Cognitive Science		
Paramby, Towino	NIH through the Appalachian State University	Treating Laryngeal hyperfunction with flow phonation(Year 1 of 2)	\$65,434	BR
Yang, Jing	China Government through Ohio University	Mandarin Chinese speech perception in the hearing impaired listeners using hearing aids: Effects of frequency compression (Year 1 of 3)	\$10,907	BR
<b>Family &amp; Consumer Sciences</b>				
Roofe, Nina	Produce for Better Health Foundation	Store Training Grant Program	\$3,200	T/E
<b>Health Sciences</b>				
Hubbard, Betty	Department of Health & Human Services through the Centers for Disease Control & Prevention and the Arkansas Department of Education	Evaluation of Safe Schools Health Initiative (Year 1)	\$24,000	AR
Hubbard, Betty	Department of Health & Human Services through the Centers for Disease Control & Prevention and the Arkansas Department of Education	Evaluation of Safe Schools health Initiative (Cont. 3677-001 Year 2)	\$24,000	AR
Ray, Lisa	Department of Health & Human Resources through Substance Abuse and Mental Health Services Administration and the University of Texas Austin, Center for Social Work Research	UCA Addictions Technology Transfer Center: Region 6 Online with the Center for Social Work Research	\$10,000	ED
<b>Kinesiology &amp; Physical Education</b>				
None				
<b>Nursing</b>				
None				

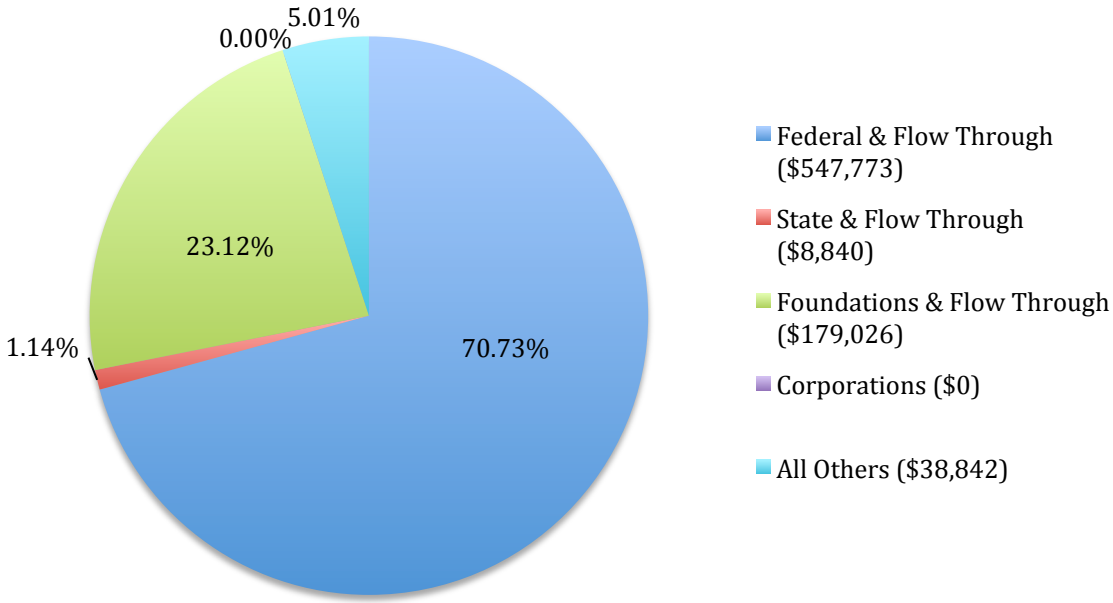


<b>Occupational Therapy</b>				
Lequieu, Elizabeth	Arkansas Spinal Cord Commission through the Arkansas Trauma Rehabilitation Program	WORTH- Working out for Recreation Training and Health	\$1,840	O
<b>Physical Therapy</b>				
None				
<b>Psychology &amp; Counseling</b>				
Brinegar, Jennifer	Arkansas Department of Higher Education	SURF - LGB(T?)	\$2,125	BR
Nail, Paul	National Institutes of Health	Decreasing Bullying with Self-Affirmation: A Test of the Compensation Model (Yr. 2 of 2)	\$119,469	BR
<b>College of Health &amp; Behavioral Sciences Total Dollars Awarded:</b>			<b>\$343,005</b>	

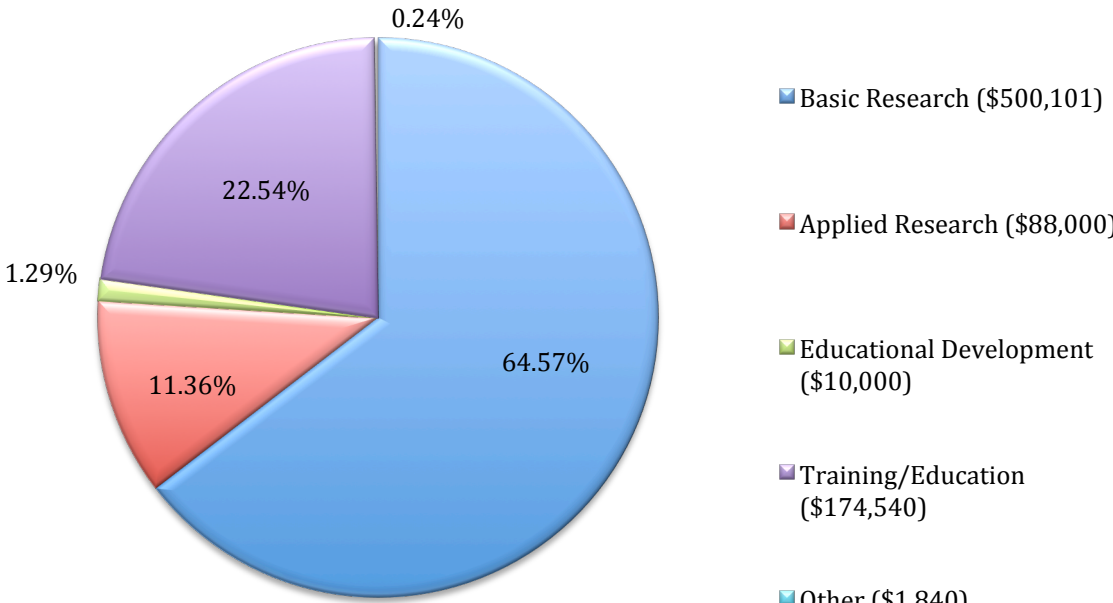
## Total CHBS Funds Requested: \$774,481



### CHBS Submissions by Source



### CHBS Submissions by Functional Area



Notes:

*Functional Area (FA): BR = Basic Research; AR = Applied Research; RD = Research Development; ED = Educational Development; CD = Community Development; T/E = Training/Education; O = Other; OCE = Other-Community Engagement; OCRE = Other-Construction/Renovation/Equipment. Submissions are listed alphabetically by administering department and name of the lead PI, but many submissions represent the collaborative efforts of multiple investigators and departments/units.*

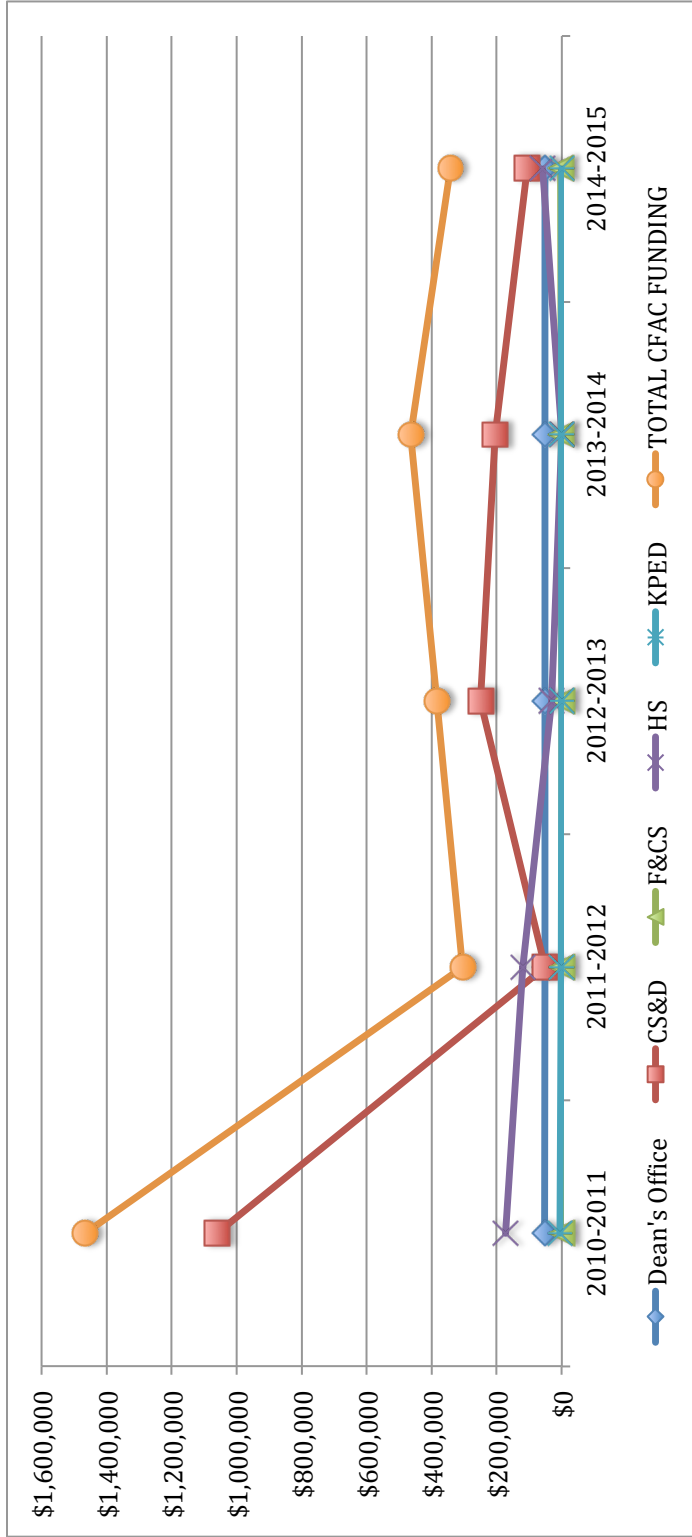
<b>CHBS Submissions by Department</b>				
Lead PI/PD	Funder	Title	Amount	FA
<b>Dean's Office</b>				
Rainey, Jacqueline	U.S. Department of Health & Human Services through the Health Resources & Services Administration and the University of Arkansas for Medical Sciences	Geriatric Workforce Enhancement Program	\$52,280	T/E
Rainey, Jacqueline	U.S. Department of Health & Human Services through Health Resources & Services Administration and the University of Arkansas for Medical Sciences	Preparing Health Professionals in Geriatric Health (AGEC) (year 5 of 5)	\$52,030	T/E
<b>Communication Sciences &amp; Disorders</b>				
Kim, Sunjung	American Speech Language Hearing Foundation	Exploring the effects of multimodal presentation on graph comprehension in students with dyslexia	\$10,000	BR
Magimairaj, Beula	American Speech Language and Hearing Foundation	Restoration of interrupted speech in children with and without specific language impairment	\$10,000	AR
Magimairaj, Beula	American Speech Language and Hearing Foundation	Advancing Academic – Research Careers Award	\$5,130	T/E
Magimairaj, Beula	Hearing Health Foundation	CAPD: Moving the science forward through interdisciplinary collaborative	\$30,000	AR

		research integrating Hearing, Language, and Cognitive Science		
Paramby, Towino	NIH through the Appalachian State University	Treating Laryngeal hyperfunction with flow phonation	\$130,867	BR
Yang, Jing	American Speech Language Hearing Foundation	Acoustical development of vowel production and coarticulation in children with cochlear implants	\$24,990	BR
Yang, Jing	China Government through Ohio University	Mandarin Chinese speech perception in the hearing impaired listeners using hearing aids: Effects of frequency compression (Year 1 of 3)	\$33,712	BR
<b>Family &amp; Consumer Sciences</b>				
Roofe, Nina WITHDRAWN	State Farm Advisory Board	Dietetic Internship Community Needs Assessments	\$61,900	T/E
Roofe, Nina	Produce for Better Health Foundation	Store Training Grant Program	\$3,200	T/E
Schichtl, Rachel	Arkansas Department of Higher Education	SURF – Cultivating Nutrition in the Garden of Hope	\$2,750	BR
<b>Health Sciences</b>				
Hubbard, Betty	Department of Health & Human Services through the Centers for Disease Control & Prevention and the Arkansas Department of Education	Evaluation of Safe Schools Health Initiative (Year 1)	\$24,000	AR
Hubbard, Betty	Department of Health & Human Services through the Centers for Disease Control & Prevention and the Arkansas Department of Education	Evaluation of Safe Schools health Initiative (Year 2)	\$24,000	AR
Ray, Lisa	Department of Health & Human Resources through Substance Abuse and Mental	UCA Addictions Technology Transfer Center: Region 6	\$10,000	ED

	Health Services Administration and the University of Texas Austin, Center for Social Work Research	Online with the Center for Social Work Research		
<b>Kinesiology &amp; Physical Education</b>				
Tucker, Steven	National Athletic Trainers' Association Research & Education Foundation	The Effects of Six-Week Stretching Programs on Glenohumeral Internal Rotation Deficit and Posterior Tissue Thickness	\$32,798	BR
<b>Nursing</b>				
None				
<b>Occupational Therapy</b>				
Lequieu, Elizabeth	Arkansas Spinal Cord Commission through the Arkansas Trauma Rehabilitation Program	WORTH- Working out for Recreation Training and Health	\$1,840	O
<b>Physical Therapy</b>				
McGee, Margaret	National Institutes of Health through Lake Line Products LLC	Affordable method of stabilization for add-on training when to increase activity levels of children with Downs Syndrome (Clinical Trial)	\$89,809	BR
Yates, Charlotte	National Institutes of Health through the University of Arkansas for Medical Sciences	Pharmacogenomics and adverse effects of mydriatic eye drops in preterm infants	\$45,318	BR
<b>Psychology &amp; Counseling</b>				
Brinegar, Jennifer	Arkansas Department of Higher Education	SURF - LGB(T?)	\$2,125	BR
Nail, Paul	National Institutes of Health	Decreasing Bullying with Self-Affirmation: A Test of the Compensation Model (Yr. 2 of 2)	\$119,469	BR
Sobel, Kenith	Arkansas Department of Higher Education	SURF – Does the Mere Expectation of a Cell Phone Call Occupy Working	\$2,125	BR

		Memory?		
Varghese, Femina	American Psychological Foundation	Career-Values Affirmation Intervention for Juvenile Offenders	\$6,138	BR
	<b>College of Health &amp; Behavioral Sciences Total Dollars Requested:</b>		<b>\$774,481</b>	

# COLLEGE OF HEALTH & BEHAVIORAL SCIENCES FIVE-YEAR FUNDING TRENDS BY DEPARTMENT FISCAL YEARS 2011-2015



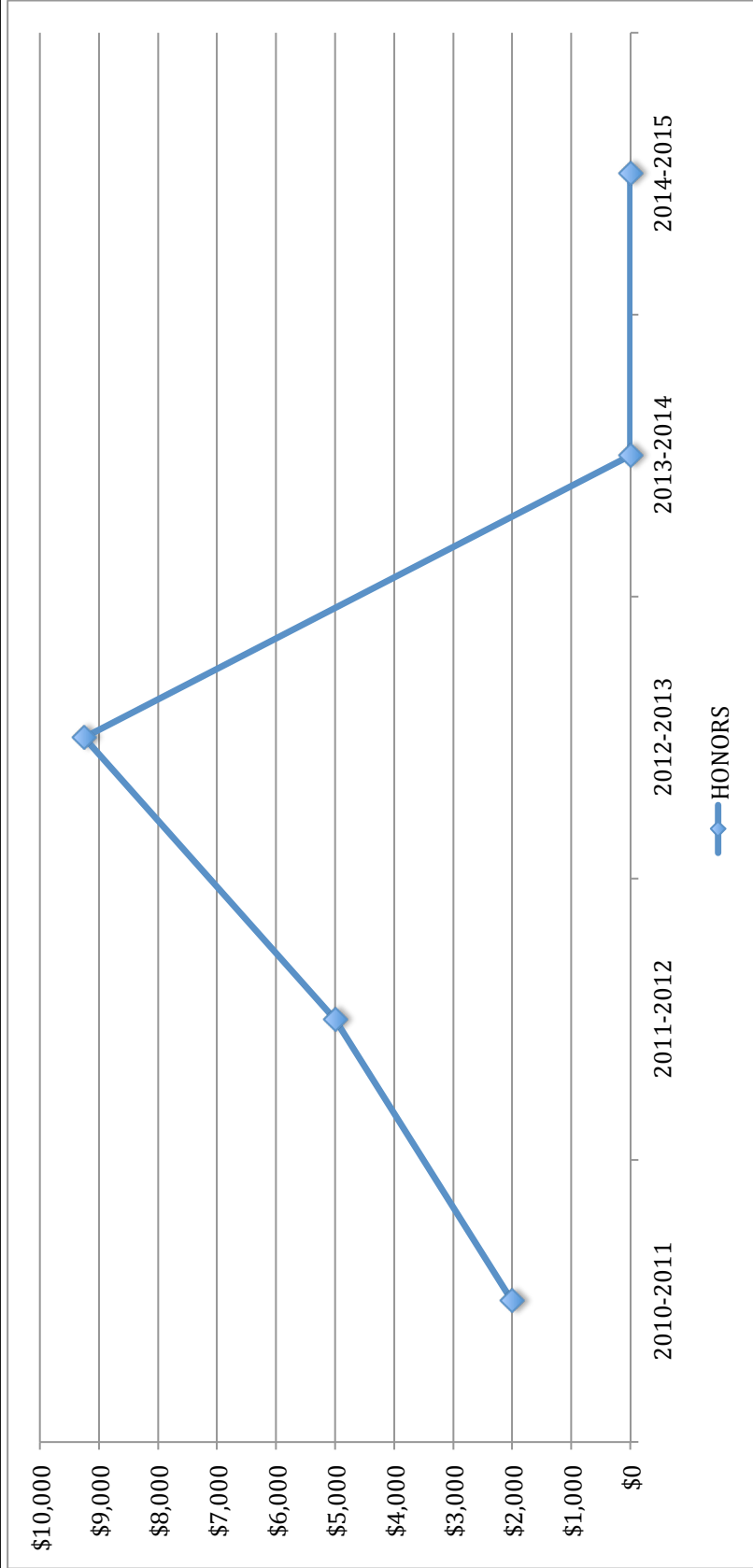
	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Dean's Office	\$53,515	\$51,915	\$52,030	\$52,030	\$52,030
CS&D	\$1,060,072	\$50,500	\$250,250	\$204,185	\$106,341
F&CS	\$0	\$0	\$0	\$1,490	\$3,200
HS	\$173,786	\$119,818	\$30,600	\$0	\$58,000
KPED	\$4,875	\$1,750	\$0	\$2,125	\$0
NURSING	\$172,095	\$0	\$0	\$0	\$0
OT	\$0	\$0	\$0	\$0	\$1,840
PT	\$0	\$79,660	\$32,160	\$34,926	\$0
P&C	\$2,615	\$0	\$19,278	\$169,206	\$121,594
<b>TOTAL CHBS FUNDING</b>	<b>\$1,466,958</b>	<b>\$304,643</b>	<b>\$384,318</b>	<b>\$463,962</b>	<b>\$343,005</b>

# HONORS COLLEGE

There were no proposals and no awards for the Honors College in FY2015.



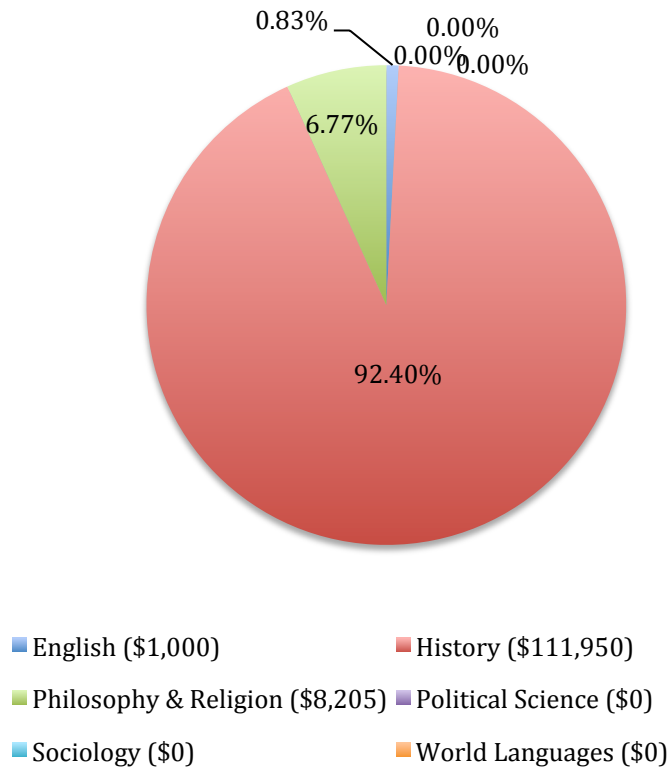
## HONORS COLLEGE FIVE-YEAR FUNDING TRENDS FISCAL YEARS 2011-2015



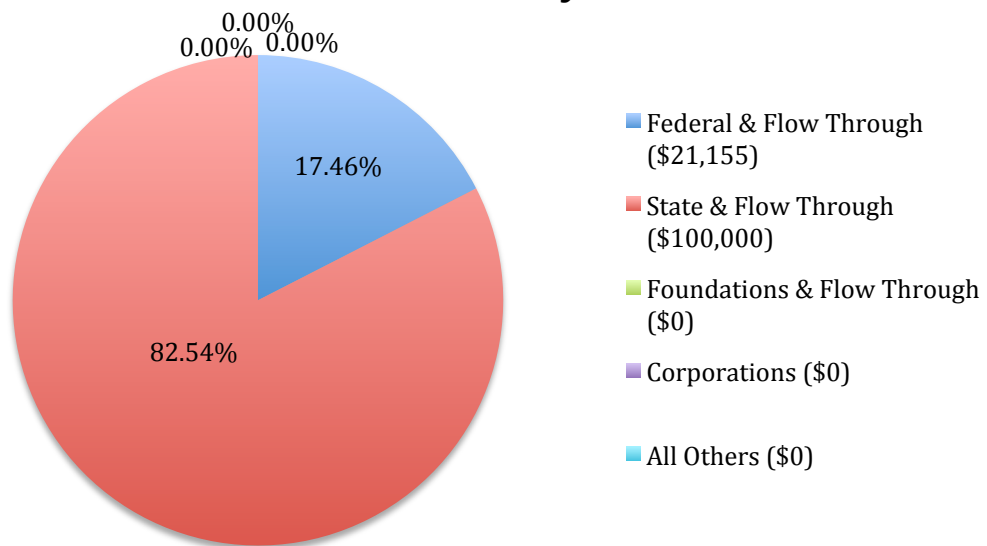
	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
HONORS	\$2,000	\$5,000	\$9,250	\$0	\$0

# College of Liberal Arts

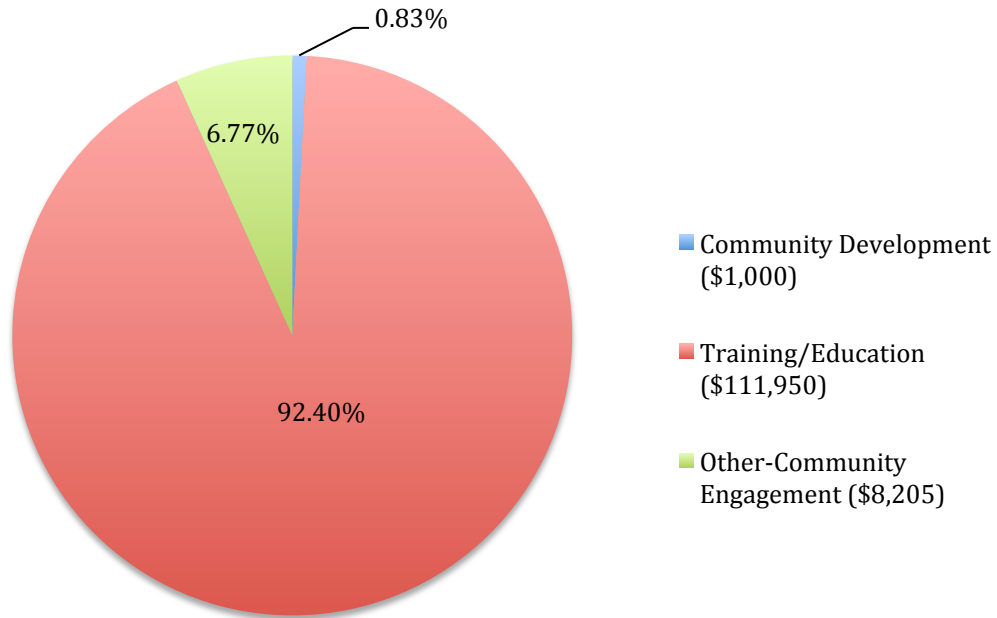
## Total CLA External Funding: \$121,155



## CLA Awards by Source



## CLA Awards by Functional Area

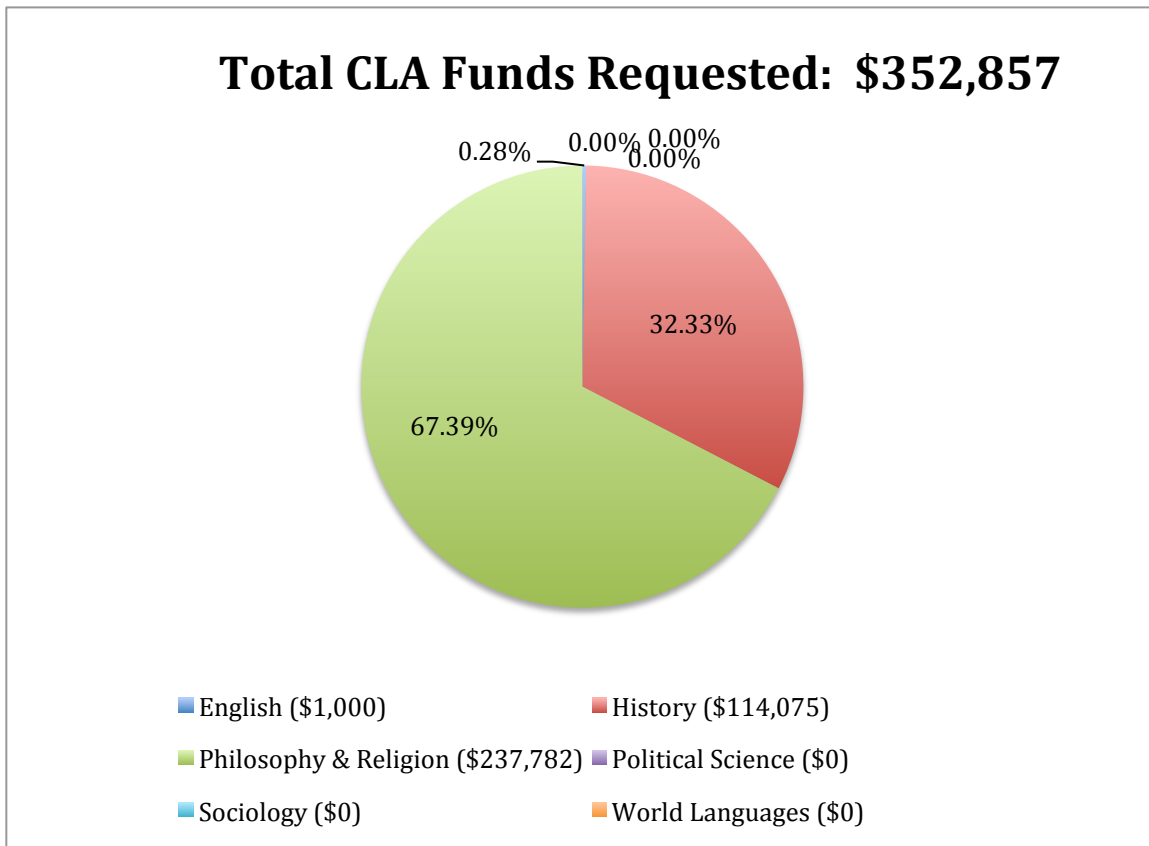


**Notes:**

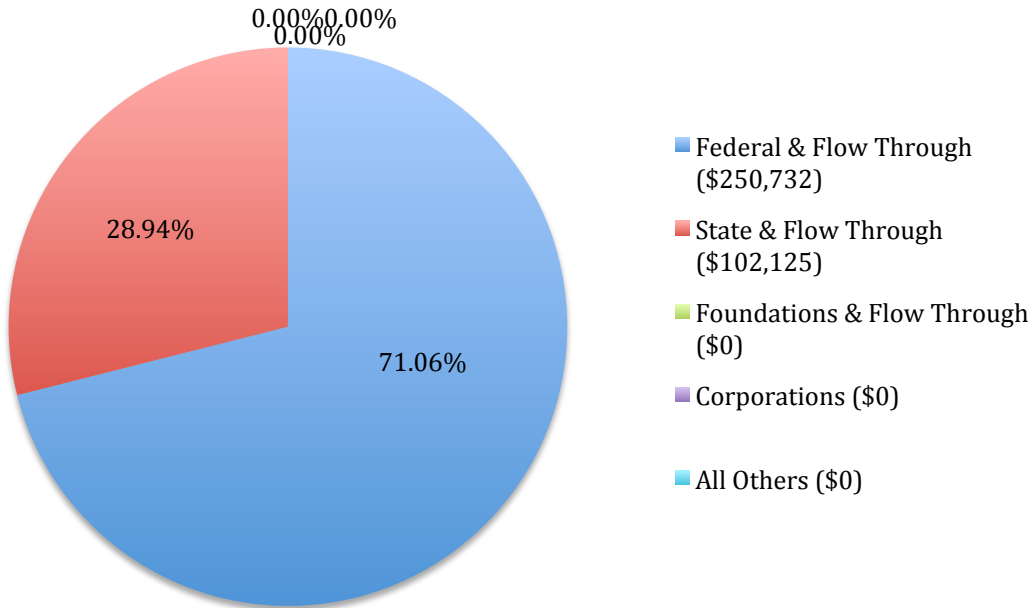
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CLA Awards by Department				
Lead PI/PD	Funder	Title	Amount	FA
<b>English</b>				
Leavell, Lori	National Endowment for the Humanities	A History of “Heroic Reading” in Arkansas Led by Oxford University Scholar Lloyd Pratt	\$1,000	CD
<b>History</b>				
Ramsey, Patsy	National Endowment for the Humanities through the Arkansas Humanities Council	University of Central Arkansas History Day 2014 (year 2 of 5)	\$11,950	T/E

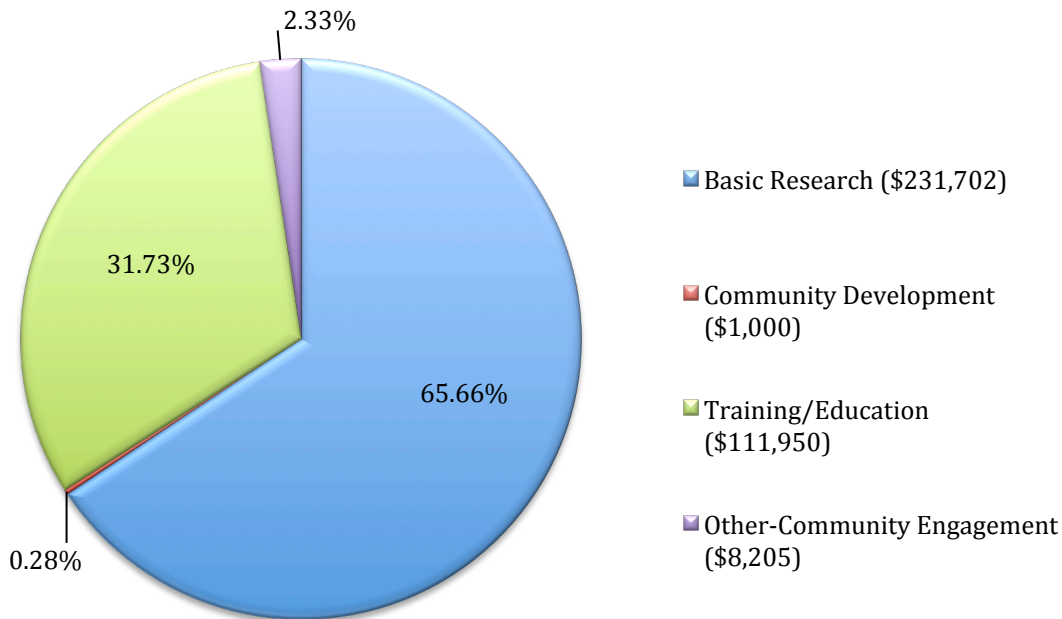
Ramsey, Patsy	Arkansas Department of Education	UCA Arkansas History Day (Supplement year 2 AHC)	\$100,000	T/E
<b>Philosophy &amp; Religion</b>				
Brasovan, Nicholas	National Endowment for the Humanities through the Arkansas Humanities Council	University of Central Arkansas Humanities Fair 2015	\$8,205	OCE
<b>Political Science</b>				
None				
<b>Sociology</b>				
None				
<b>World Languages</b>				
None				
<b>College of Liberal Arts Total Dollars Awarded:</b>			<b>\$121,155</b>	



### CLA Submissions by Source



### CLA Submissions by Functional Area

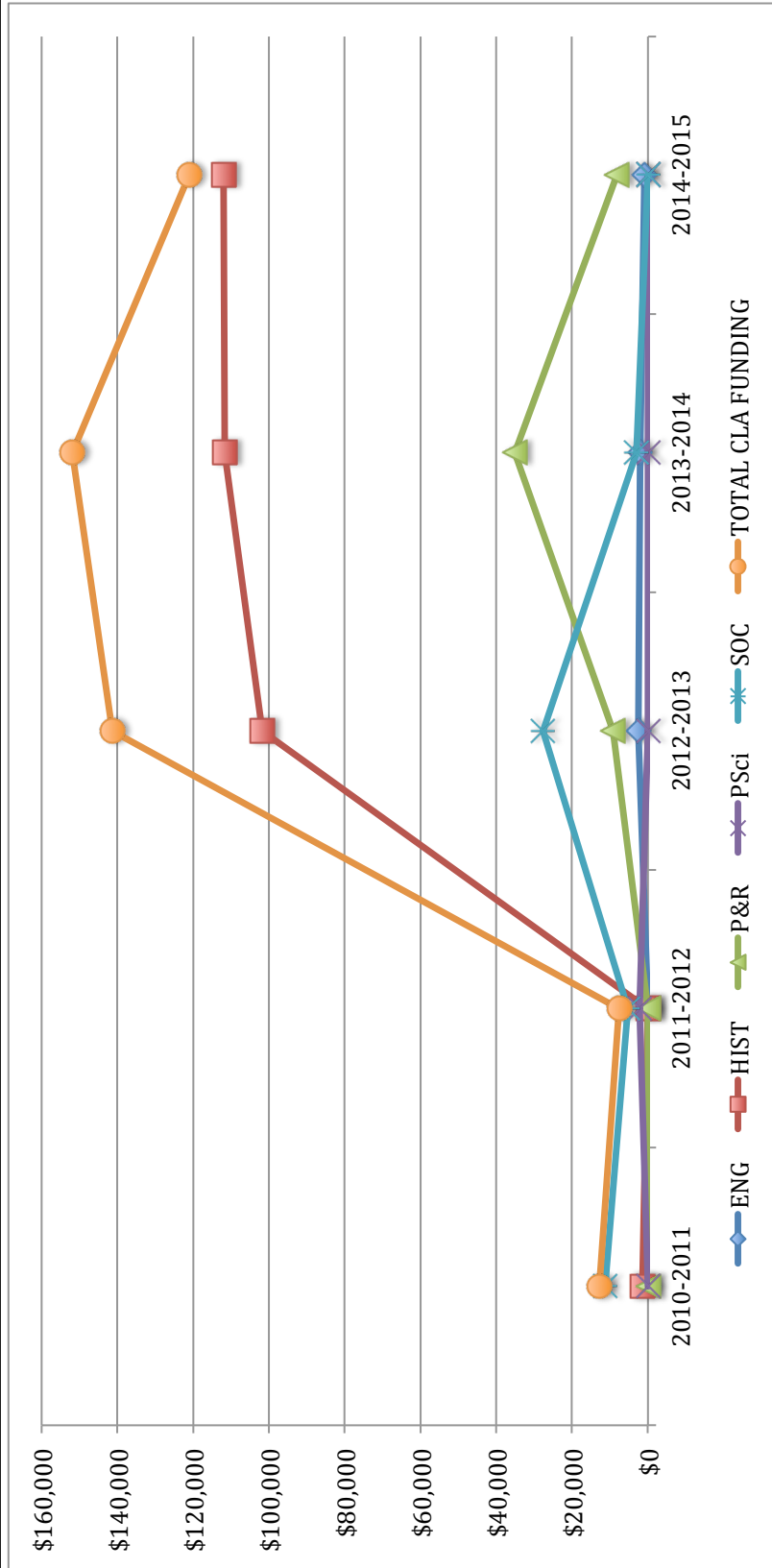


Notes:

*Functional Area (FA): BR = Basic Research; AR = Applied Research; RD = Research Development; ED = Educational Development; CD = Community Development; T/E = Training/Education; O = Other; OCE = Other-Community Engagement; OCRE = Other-Construction/Renovation/Equipment. Submissions are listed alphabetically by administering department and name of the lead PI, but many submissions represent the collaborative efforts of multiple investigators and departments/units.*

<b>CLA Awards by Department</b>				
Lead PI/PD	Funder	Title	Amount	FA
<b>English</b>				
Leavell, Lori	National Endowment for the Humanities	A History of “Heroic Reading” in Arkansas Led by Oxford University Scholar Lloyd Pratt	\$1,000	CD
<b>History</b>				
Barnes, Kenneth	Arkansas Department of Higher Education	SURF: The Anchor of Faith: Cultural Assimilation in the St. Joseph Colony	\$2,125	BR
Ramsey, Patsy	National Endowment for the Humanities through the Arkansas Humanities Council	University of Central Arkansas History Day 2014 (year 2 of 5)	\$11,950	T/E
Ramsey, Patsy	Arkansas Department of Education	UCA Arkansas History Day (Supplement year 2 AHC)	\$100,000	T/E
<b>Philosophy &amp; Religion</b>				
Brasovan, Nicholas	National Endowment for the Humanities	Ecological Self-Understanding in the U.S.A. and P.R.C.	\$229,577	BR
Brasovan, Nicholas	National Endowment for the Humanities through the Arkansas Humanities Council	University of Central Arkansas Humanities Fair 2015	\$8,205	OCE
<b>Political Science</b>				
None				
<b>Sociology</b>				
None				
<b>World Languages</b>				
None				
<b>College of Liberal Arts Total Dollars Requested:</b>			<b>\$352,857</b>	

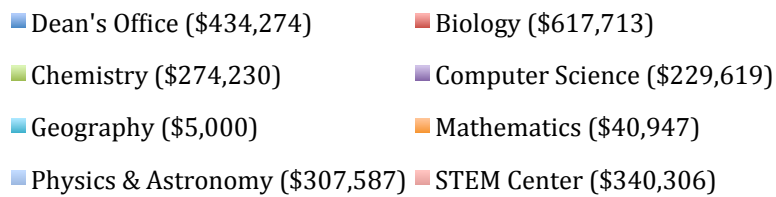
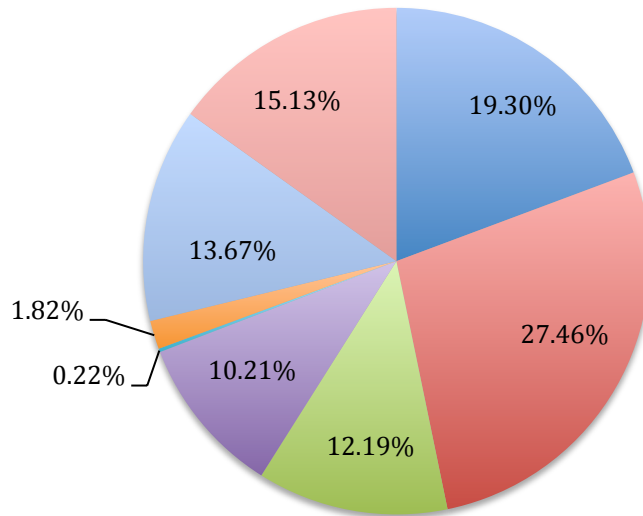
## COLLEGE OF LIBERAL ARTS FIVE-YEAR FUNDING TRENDS BY DEPARTMENT FISCAL YEARS 2011-2015



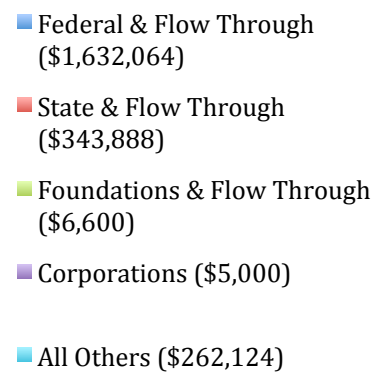
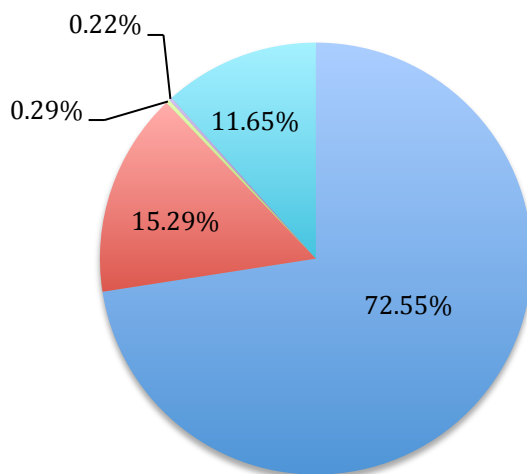
	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
ENG	\$0	\$0	\$2,500	\$2,125	\$1,000
HIST	\$1,405	\$0	\$101,825	\$111,650	\$111,950
P&R	\$0	\$0	\$9,253	\$35,108	\$8,205
PSci	\$0	\$2,250	\$0	\$0	\$0
SOC	\$11,303	\$5,316	\$27,750	\$2,976	\$0
WL	\$0	\$0	\$0	\$0	\$0
TOTAL CLA FUNDING	\$12,708	\$7,566	\$141,328	\$151,859	\$121,155

# College of Natural Sciences & Mathematics

## Total CNSM External Funding: \$2,249,676

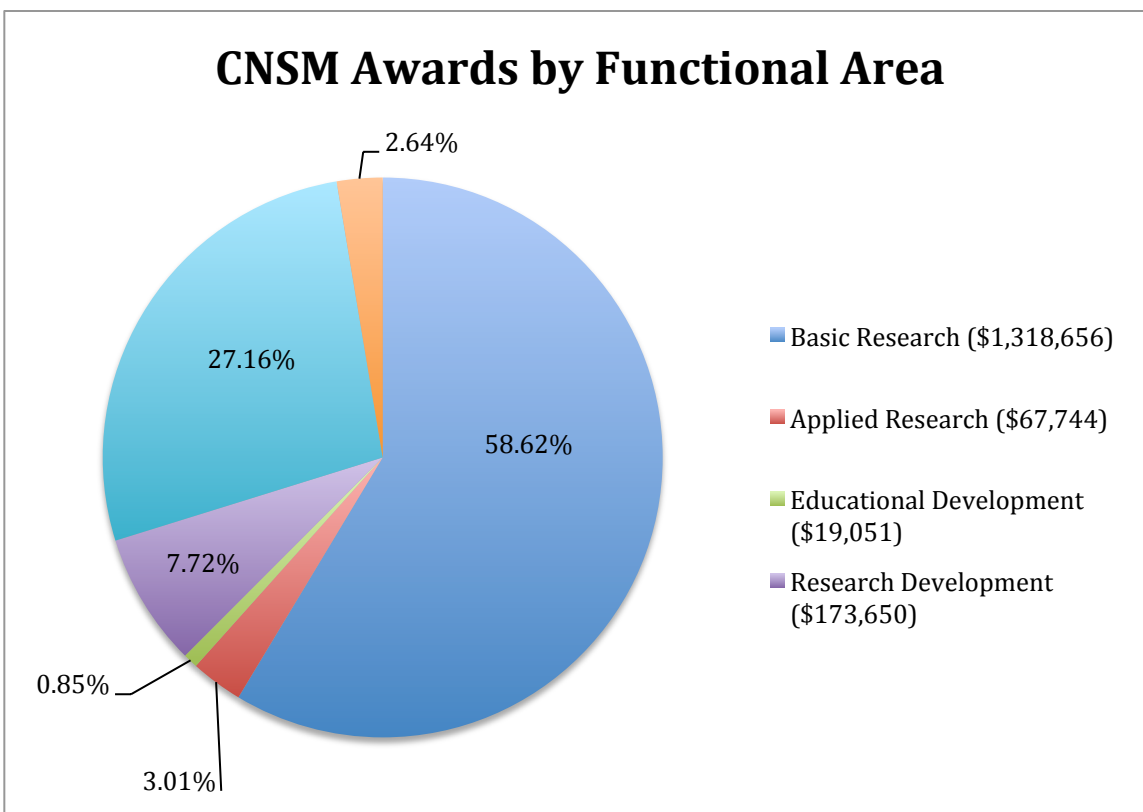


## CNSM Awards by Source





## CNSM Awards by Functional Area



**Notes:**

*Functional Area (FA): BR = Basic Research; AR = Applied Research; RD = Research Development; ED = Educational Development; CD = Community Development; T/E = Training/Education; O = Other; OCE = Other-Community Engagement; OCRE = Other-Construction/Renovation/Equipment. Awards are listed alphabetically by administering department and name of the lead PI, but many awards represent the collaborative efforts of multiple investigators and departments/units.*

CNSM Awards by Department				
Lead PI/PD	Funder	Title	Amount	FA
<b>Dean's Office</b>				
Addison, Stephen	U.S. Department of Homeland Security through the Cyber Innovation Center	Cyber Discovery 1.0 (year 2)	\$173,650	RD
Addison, Stephen	National Math & Science Initiativer	Arkansas Proposal to replicate UTeach at the University of Central Arkansas (continuation)(Year 3 of 4)	\$260,624	T/E
<b>Biology</b>				
Cash, Ben	U.S. Fish & Wildlife Service	Occurrence of the	\$23,500	BR

	through the Arkansas Game and Fish Commission	Chicken Turtle, <i>Deirochelys reticularia</i> , on the lands of Arkansas Wildlife Management Areas (Year 2 of 2)		
Choinski, John	National Science Foundation through the Experimental Program to Stimulate Competitive Research and the Arkansas Science & Technology Authority/ASU-Jonesboro	Arkansas Center for Plant Powered Production (“P3”) for the 2013 Next Gen Sequencing Project	\$3,380	BR
Entrekin, Sally	Arkansas Science & Technology Authority	Assessing Vulnerability of Streams to Anthropogenic Impacts in the Fayetteville Shale, Arkansas	\$49,994	BR
Entrekin, Sally	U.S. Department of the Interior through the U.S. Geological Survey and the Arkansas Water Resource Center	Does environmental context mediate stream biological responses to anthropogenic impacts?	\$2,250	BR
Entrekin, Sally	Environmental Protection Agency through GBMc & Associates	Ecological Sampling of the White Oak Bayou	\$20,390	BR
Gifford, Matthew	U.S.Fish & Wildlife Service through the Arkansas Game & Fish Commission	Climate Change in Montane Environments: Assessing Salamander Risk Using Physiology and Fine-scale Environmental	\$5,916	BR
Gifford, Matthew	U.S.Fish & Wildlife Service through the Arkansas Game & Fish Commission	Distribution, health, and status of <i>Spea bombifrons</i> , <i>Gastrophysa olivacea</i> , <i>Scaphiopus hurterii</i> , and <i>Pseudacris streckeri</i>	\$44,352	BR

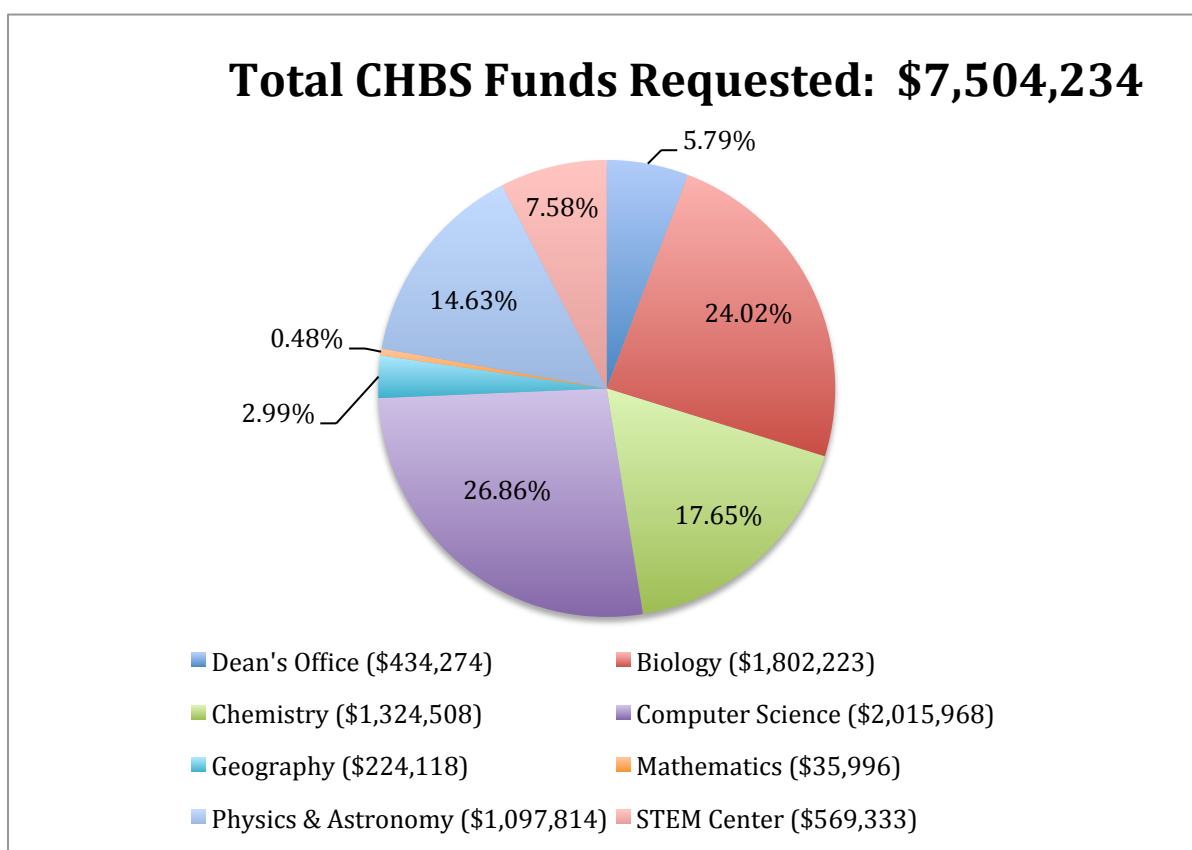
		in Arkansas (frog project)		
Hill, Brent	National Institutes of Health through the National Center for Research Resources and the University of Arkansas for Medical Sciences/INBRE	Estrogen prevents the subunit association of vascular voltage gate Ca <sup>2+</sup> channels (cont)	\$105,740	BR
Mukherjee, Arijit	National Science Foundation through the Experimental Program to Stimulate Competitive Research and the Arkansas Science and Technology Authority	Formation of nodule-like structures in land plants in response to hormones	\$55,431	BR
Mukherjee, Arijit	Arkansas Science and Technology Authority	Formation of nodule-like structures in rice	\$28,440	BR
Mukherjee, Arijit	National Science Foundation through the Experimental Program to Stimulate Competitive Research and the Arkansas Science and Technology Authority	UCA P3 Center Research Project (continuation) (year 5 of 5 Asset II P3 grant)	\$74,428	BR
Mukherjee, Arijit	National Institutes of Health through the National Center for Research Resources, AR INBRE and the University of Arkansas for Medical Sciences	Partnership for Biomedical Research in Arkansas: UCA Liaison	\$2,674	AR
Naylor, Kari	National Institutes of Health through the National Center for Research Resources and the University of Arkansas for Medical Sciences/INBRE	Studying FszA to Elucidate the Link between Prokaryotes and Mitochondria (cont)	\$103,306	BR
Naylor, Kari	Arkansas Department of Higher Education	SURF: The Creation of a Fluorescent Fusion Protein to Better Study Mitochondria Dynamics	\$1,129	BR
Padberg, Jeffrey	National Science Foundation	RUI: Neurobiology of nine-banded armadillo ( <i>Dasyus novemcinctus</i> ) (Year 2 o 3)	\$92,583	BR
Shepard, Donald	Arkansas Natural Heritage	Arkansas Amphibian	\$4,200	AR

	Commission	and Reptile State Ranks		
<b>Chemistry</b>				
Kelley, Melissa	National Institutes of Health through the National Center for Research Resources and the University of Arkansas for Medical Sciences/INBRE	Understanding Immune Cell Signaling: Effect of Retinoids on ADAM Shedding (cont)	\$100,875	BR
Kelley, Melissa	National Institutes of Health through the National Center for Research Resources, AR INBRE and the University of Arkansas for Medical Sciences	A Two Way Street: Retinoid Regulation of Immune Cell Adhesion and Proliferation (year 1 of 3)	\$116,241	BR
Perry, Donald	National Science Foundation	RUI: Investigation of Organic and Biological Multilayers Adsorbed on Elongated Metal Nanostructures (year 3 of 3)	\$31,666	BT
Yang, Lei	Arkansas Science and Technology Authority	Activation of C-H Bond by Binuclear Transition Metal Complexes with Nitrous Oxide	\$25,448	BR
<b>Computer Science</b>				
Halic, Tansel	National Institutes of Health through the National Center for Research Resources, AR INBRE and the University of Arkansas for Medical Sciences	VATDEP: Virtual Arthroscopic Tear Diagnosis and Evaluation Platform for Rotator Cuff Surgery	\$121,864	BR
Kockara, Sinan	Arkansas Science and Technology Authority	WebFracDerm: Web-based Fractal Geometry for Automatic Skin Cancer Malignancy Detection in Dermoscopy Images	\$28,581	BR
Sheng, Shengli	National Science Foundation	III: Small: RUI: Improving Data Quality and Data Mining Using Noisy Micro-Outsourcing	\$16,000	BR

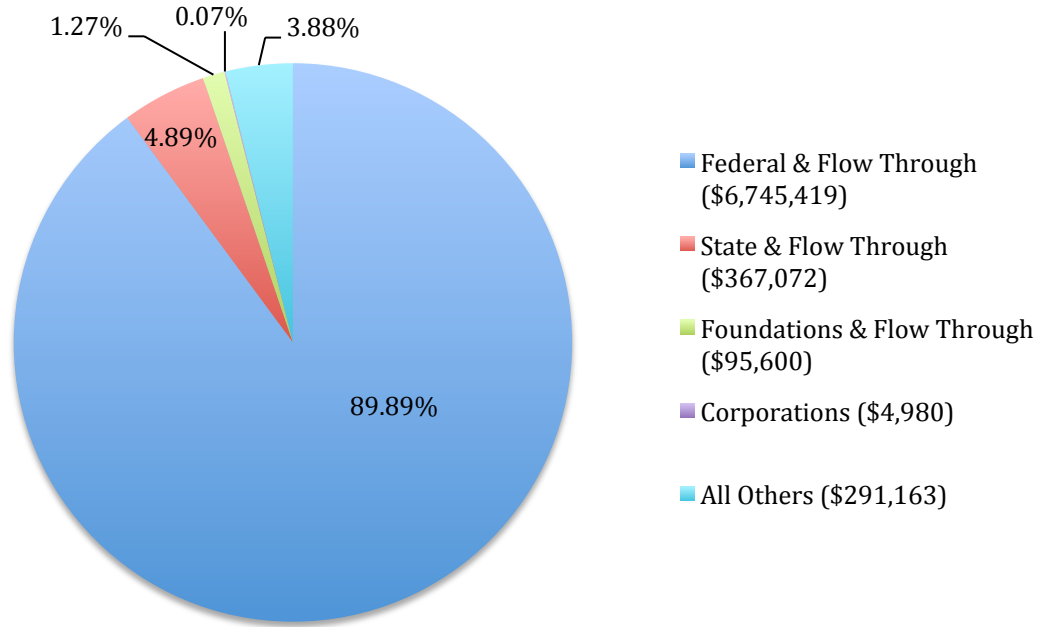
		(REU) (sup #3 to year 3)		
Sheng, Shengli	National Science Foundation	III: Small: RUI: Improving Data Quality and Data Mining Using Noisy Micro-Outsourcing (REU) (sup #2 to year 3)	\$15,000	BR
Sheng, Shengli	National Science Foundation	III: Small: RUI: Improving Data Quality and Data Mining Using Noisy Micro-Outsourcing (REU) (sup #1 to year 3)	\$16,000	BR
Sun, Yu	National Aeronautics and Space Administration through Arkansas NASA EPSCoR and the University of Arkansas at Little Rock	New Computer Vision Methods for NASA Robotic Planetary Exploration (year 3 of 3)	\$32,174	AR
<b>Geography</b>				
O'Connell, Stephen	Environmental Systems Research Institute	Increasing Geospatial Education for Arkansas (IN GEAR)	\$5,000	T/E
<b>Mathematics</b>				
Bratton, George	South Arkansas University at Magnolia	South Arkansas Integrated Science and Mathematics Initiative	\$1,500	AR
Martin, Jason	National Science Foundation	Collaborative Research: Project CLEAR Calculus: Coherent Labs to Enhance Accessible and Rigorous Calculus Instruction (year 3 of 3)	\$15,251	ED
Rathinasamy, Bhavanandan (Lenin)	University of Arkansas for Medical Sciences through the Center for Disease Health (CDH)	Modeling & Stimulation of Patients' Flows in Healthcare systems (yr 4)	\$24,196	AR

<b>Physics &amp; Astronomy</b>				
Burris, Debra	National Aeronautics and Space Administration through the Arkansas Space Grant Consortium	The Host Galaxies of Active Galactic Nucli at Moderate Redshifts	\$5,484	BR
Frederickson, Carl	National Science Foundation	UCA Noyce Scholarship Program: Recruiting Highly Qualified Math and Science Teacher Candidates (year 1 of 5)	\$226,463	BR
Mehta, Rahul	National Aeronautics and Space Administration through the Arkansas NASA EPSCoR and the Arkansas Space Grant Consortium	Travel Award: The effect of estrogen depletion on the skeletal system in female mice under space-like conditions	\$3,000	AR
Walker, Azida	Arkansas Science and Technology Authority	EPSCoR Communications Internship (renewal)	\$8,900	T/E
Walker, Azida	National Aeronautics and Space Administration through the Experimental Program to Stimulate Competitive Research and the Arkansas Space Grant Consortium and UAMS	Effects of Simulated Microgravity and Low Level Irradiation on Rodent Somatosensory Nervous System	\$4,195	BR
Walker, Azida	National Institutes of Health through the National Center for Research Resources, AR INBRE and the University of Arkansas for Medical Sciences	INBRE BioPhysics Laboratory Renovation in LSC	\$59,545	OCRE
<b>STEM Center</b>				
Garimella, Umadevi	U.S. Department of Education through the Arkansas Department of Education	Connecting Core Instruction for the Next Generation Mathematicians and Scientists-CC15-7 (yr 2)	\$149,026	T/E
Garimella, Umadevi	U.S. Department of Education through the Arkansas Department of Higher Education	Beginner Robotics for STEM Teaching: Grades 6-8 (sup)	\$3,800	ED
Garimella,	Arkansas Committed to	Science in Action III	\$6,600	T/E

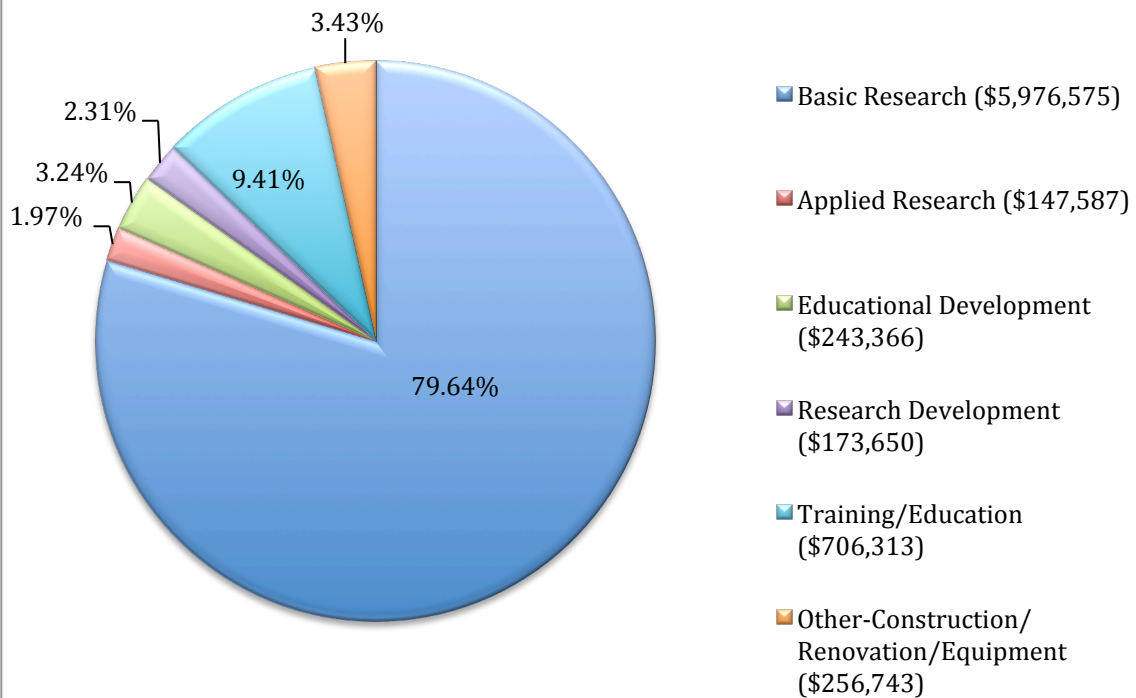
Umadevi	Education Foundation (ACEF) and the Arkansas STEM Coalition	2014 (renewal)		
Garimella, Umadevi	U.S. Department of Education through the Arkansas Department of Career Education and the Arkansas Department of Higher Education	UCA-STEM Power for Girls	\$7,880	T/E
Garimella, Umadevi	Arkansas Department of Education	STEM Science Specialist (renewal)	\$86,500	T/E
Garimella, Umadevi	Arkansas Department of Education	STEM Mathematics Specialist (renewal)	\$86,500	T/E
<b>College of Sciences &amp; Mathematics Total Dollars Awarded:</b>			<b>\$2,249,676</b>	



### CNSM Submissions by Source



### CNSM by Functional Area





Notes:

*Functional Area (FA): BR = Basic Research; AR = Applied Research; RD = Research Development; ED = Educational Development; CD = Community Development; T/E = Training/Education; O = Other; OCE = Other-Community Engagement; OCRE = Other-Construction/Renovation/Equipment. Submissions are listed alphabetically by administering department and name of the lead PI, but many submissions represent the collaborative efforts of multiple investigators and departments/units.*

<b>CNSM Proposals by Department</b>				
Lead PI/PD	Funder	Title	Amount	FA
<b>Dean's Office</b>				
Addison, Stephen	U.S. Department of Homeland Security through the Cyber Innovation Center	Cyber Discovery 1.0 (year 2)	\$173,650	RD
Addison, Stephen	National Math & Science Initiative	Arkansas Proposal to replicate UTeach at the University of Central Arkansas (continuation)(year 3 of 4)	\$260,624	T/E
<b>Biology</b>				
Adams, Ginny	U.S. Fish & Wildlife Service through the Arkansas Game & Fish Commission	Distribution and Status of Fishes in the Ouachita and White River Drainages	\$85,844	BR
Adams, Reid	Wildlife Management Institute (WMI)/Gulf Coast Cooperative Ecosystem Studies Units (GC-CESU) through the Gulf Coast Prairie Landscape Conservation (GCP LCC)	Identification of Alligator Gar Spawning Habitats in the Lower Trinity River	\$28,039	AR
Cash, Ben	Herpetologists' League	EE Williams Research Grant: Interactions among behavior, hormones, and mekabusn ub tge red-eared slider and Ouachita map turtle	\$1,000	BR
Cash, Ben	U.S. Fish & Wildlife Service through the Arkansas Game and Fish Commission	Occurrence of the Chicken Turtle, Deirochelys reticularia, on the lands of Arkansas	\$23,500	BR

		Wildlife Management Areas (Year 2 of 2)		
Choinski, John	National Science Foundation through the Experimental Program to Stimulate Competitive Research and the Arkansas Science & Technology Authority/ASU-Jonesboro	Arkansas Center for Plant Powered Production (“P3”) for the 2013 Next Gen Sequencing Project	\$3,380	BR
Entrekin, Sally	National Science Foundation	Collaborative Research: How does an outbreak insect mediate forest-stream connectivity in a landscape modified by fire suppression and climate change? (3 yr grant)	\$163,660	BR
Entrekin, Sally	Arkansas Science & Technology Authority	Assessing Vulnerability of Streams to Anthropogenic Impacts in the Fayetteville Shale, Arkansas	\$49,997	BR
Entrekin, Sally	U.S. Department of the Interior through the U.S. Geological Survey and the Arkansas Water Resource Center	Does environmental context mediate stream biological responses to anthropogenic impacts?	\$2,250	BR
Entrekin, Sally	Environmental Protection Agency through GBMc & Associates	Ecological Sampling of the White Oak Bayou	\$20,390	BR
Farris, Mindy (Withdrawn by PI)	National Institutes of Health through the National Center for Research Resources, AR INBRE and University of Arkansas for Medical Sciences	Lifespan Regulation in <i>C. elegans</i> by Steroid Signaling and Nutrient Availability	\$285,537	BR
Farris, Mindy	National Institutes of Health through the National Center for Research Resources, AR INBRE and University of	Lifespan Regulation in <i>C. elegans</i> by Steroid Signaling and Nutrient	\$43,983	BR

	Arkansas for Medical Sciences	Availability		
Gifford, Matthew	National Science Foundation through Iowa State University	Collaborative Research: Comparative analyses on phylogenies and gene networks: Assessing rates of phenotypic evolution as micro- and macroevolutionary scales (3 years)	\$109,695	BR
Gifford, Matthew	U.S.Fish & Wildlife Service through the Arkansas Game & Fish Commission	Climate Change in Montane Environments: Assessing Salamander Risk Using Physiology and Fine-scale Environmental	\$5,916	BR
Gifford, Matthew	U.S.Fish & Wildlife Service through the Arkansas Game & Fish Commission	Distribution, health, and status of <i>Spea bombifrons</i> , <i>Gastrophysa olivacea</i> , <i>Scaphiopus hurterii</i> , and <i>Pseudacris streckeri</i> in Arkansas (frog project)	\$44,352	BR
Gifford, Matthew	National Science Foundation	IOS Preliminary Proposal: RUI: The roles of plasticity and adaptation in mediating responses to climate change	\$0	BR
Hill, Brent	Arkansas Department of Higher Education	SURF: Estrogen Levels on the Biophysical Properties of Bone	\$2,750	BR
Marian, Calin	National Institutes of Health through the National Center for Research Resources, AR INBRE and University of Arkansas for Medical	Critically Short Telomeres Activate Self-Renewal Factors in Human Cells	\$297,091	BR

	Sciences			
Marian, Calin	National Institutes of Health through the National Center for Research Resources, AR INBRE and University of Arkansas for Medical Sciences	Telomerase inhibition using shRNAs in prostate cancer cell lines (Summer Fellowship)	\$25,500	BR
Mukherjee, Arijit	National Institutes of Health through the Florida Institute of Technology	IOS Pre-Proposal: Collaborative Research: Understanding the role for Fatty Acid Amides in the legume-rhizobia symbiosis	\$0	BR
Mukherjee, Arijit	National Science Foundation	IOS Preliminary Proposal: Collaborative Research: RUI: Genetic Regulation of a Calcium and Calmodulin-Dependent Protein Kinase Controlling Plant-Microbe Symbioses	\$0	BR
Mukherjee, Arijit	National Science Foundation through the Experimental Program to Stimulate Competitive Research and the Arkansas Science and Technology Authority	UCA P3 Center Research Project (continuation) (year 5 of 5 Asset II P3 grant)	\$74,428	BR
Mukherjee, Arijit	National Institutes of Health through the National Center for Research Resources, AR INBRE and the University of Arkansas for Medical Sciences	Partnership for Biomedical Research in Arkansas: UCA Liaison	\$2,674	AR
Naylor, Kari	United Mitochondrial Disease Foundation	Exploring the Role of the Cytoskeleton in Mitochondrial Dynamics (2 years)	\$89,000	BR
Naylor, Kari	National Institutes of Health through the National Center for Research Resources, AR INBRE and the University of	Analysis of the Cytoskeletal and Mitochondrial Dynamics	\$291,551	BR

	Arkansas for Medical Sciences	Cooperative Relationship		
Naylor, Kari	Arkansas Department of Higher Education	SURF: The Creation of a Fluorescent Fusion Protein to Better Study Mitochondria Dynamics	\$1,129	BR
Padberg, Jeffrey	National Science Foundation	RUI: Neurobiology of nine-banded armadillo ( <i>Dasypus novemcinctus</i> ) (Year 2 o 3)	\$92,583	BR
Shepard, Donald	Arkansas Natural Heritage Commission	Arkansas Amphibian and Reptile State Ranks	\$4,200	AR
Shepard, Donald	U.S. Fish & Wildlife Service through the Arkansas Game & Fish Commission	Distribution, Habitat, and Species Status of the Queen Snake ( <i>Regina septemvittata</i> ) in Arkansas	\$53,774	BR
<b>Chemistry</b>				
Isom, Lori	National Institutes of Health through the National Center for Research Resources, AR INBRE and the University of Arkansas for Medical Sciences	The synergistic role of hydrophobic and cationic side chains in DNA curvature (3 year)	\$286,416	BR
Kelley, Melissa	National Institutes of Health through the National Center for Research Resources, AR INBRE and the University of Arkansas for Medical Sciences	A Two Way Street: Retinoid Regulation of Immune Cell Adhesion and Proliferation (3 year)	\$308,930	BR
Perry, Donald	National Science Foundation	RUI: Investigation of Organic and Biological Multilayers Adsorbed on Elongated Metal Nanostructures (year 3 of 3)	\$31,666	BT
Perry, Donald	National Science Foundation through the Arkansas Science and Technology Authority	NSF ASSET III (UCA Chem Lab) (5 year)	\$283,603	BR

Steelman, Karen	U.S. Department of Agriculture through the U.S. National Forest Service	Radiocarbon Dating a Rock Painting from Falls Creek	\$500	BR
Taylor, Bill	National Science Foundation	RUI: Investigating the influence of Halogen Ligands on the Ability of Late Gas-Phase Transition Metal Ions to Activate Bonds in Small Substrate Molecules (renewal) (3 years)	\$237,093	BR
Yang, Lei	Arkansas Science and Technology Authority	Activation of C-H Bond by Binuclear Transition Metal Complexes with Nitrous Oxide	\$25,448	BR
Yang, Lei	National Science Foundation	RUI: Development of New MOF Materials for CO <sub>2</sub> Capture of Post-Combustion Flue Gases (3 years)	\$150,852	BR
<b>Computer Science</b>				
Halic, Tansel	National Institutes of Health through Rensselaer Polytechnic Institution	Development and Validation of a Virtual Endoluminal Surgery Simulator (VESS) for the Treatment of Gastrointestinal Cancer	\$144,780	BR
Halic, Tansel	National Institutes of Health through Rensselaer Polytechnic Institution	Development and validation of Virtual Obstetric Care Simulator (VEmOCS)	\$166,591	BR
Halic, Tansel	National Institutes of Health through the National Center for Research Resources, AR INBRE and the University of Arkansas for Medical Sciences	VATDEP: Virtual Arthroscopic Tear Diagnosis and Evaluation Platform for Rotator Cuff Surgery	\$328,106	BR
Halic, Tansel	National Science Foundation through the University of	Antipodal Connectivity of	\$159,882	BR

	Arkansas at Little Rock	Cognitive Decision Structures		
Halic, Tansel	National Institutes of Health through Rensselaer Polytechnic Institution	Development and Validation of a Virtual Laparoscopic Cholecystectomy Simulator (VLaCS) for Bile duct injury Mitigation (4 year grant) (resubmission)	\$192,847	BR
Halic, Tansel	National Institutes of Health through Rensselaer Polytechnic Institution	Design and Development of Virtual Airway Skill Trainer (VAST) Platform (year 2 of 2)	\$32,207	BR
Halic, Tansel	National Institutes of Health through Rensselaer Polytechnic Institution	Development and Validation of a Virtual Laparoscopic Cholecystectomy Simulator (VLaCS) for Bile duct injury Mitigation (4 year grant) (1 <sup>st</sup> submission)	\$192,847	BR
Kockara, Sinan	Arkansas Science and Technology Authority	WebFracDerm: Web-based Fractal Geometry for Automatic Skin Cancer Malignancy Detection in Dermoscopy Images	\$28,581	BR
Sheng, Shengli	National Science Foundation	CAREER: RUI: Ground Truth Inference and Learning for Crowdsourcing	\$675,031	BR
Sheng, Shengli	National Science Foundation	III: Small: RUI: Improving Data Quality and Data Mining Using Noisy Micro-Outsourcing (REU) (sup #2 to year 3)	\$15,000	BR
Sheng, Shengli	Arkansas Science &	Utilization of the	\$31,922	BR

	Technology Authority	Crowd		
Sheng, Shengli	National Science Foundation	III: Small: RUI: Improving Data Quality and Data Mining Using Noisy Micro-Outsourcing (REU) (sup #3 to year 3)	\$16,000	BR
Sun, Yu	National Aeronautics and Space Administration through Arkansas NASA EPSCoR and the University of Arkansas at Little Rock	New Computer Vision Methods for NASA Robotic Planetary Exploration (year 3 of 3)	\$32,174	AR
<b>Geography</b>				
O'Connell, Stephen	Enviornmental Systems Research Institute	Increasing Geospatial Education for Arkansas (IN GEAR)	\$4,980	T/E
Pearson, Brooks	U.S. Department of Education through the Arkansas Department of Higher Education	Arkansas Natural History: Teaching Earth Science Through the Remote Sensing of Landforms	\$90,591	T/E
Yoder, Michael	National Science Foundation	A Re-examination of the Functional Region: Transportation Infrastructure, Economic Development and the Emerging Chihuahua-to-Albuquerque Bi-National Economic Corridor (2 years)	\$128,547	BR
<b>Mathematics</b>				
Bratton, George	South Arkansas University at Magnolia	South Arkansas Integrated Science and Mathematics Initiative	\$1,500	AR
Carmack, Patrick	U.S. Department of Defense through the University of Texas Southwestern Medical	Gulf War Illness Case Definition from Objective	\$14,370	BR

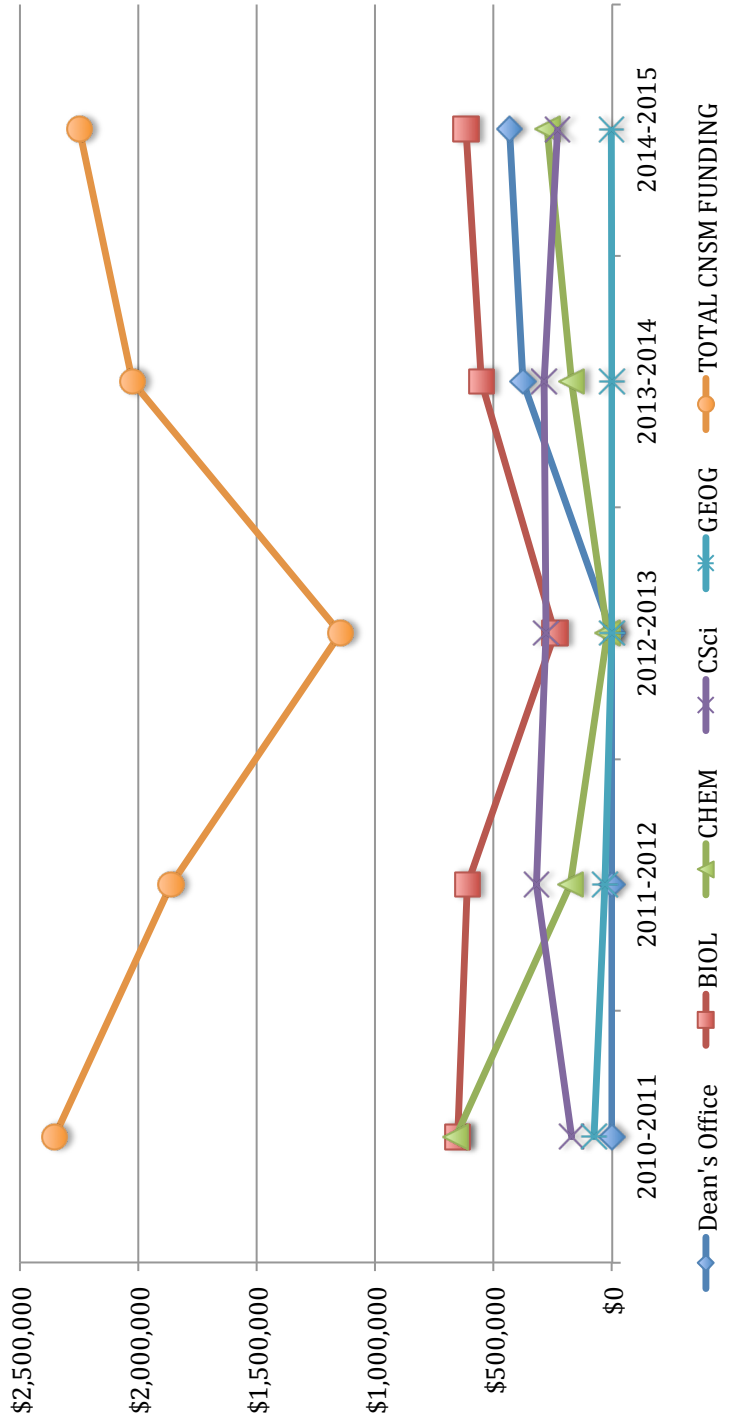


	Center	Biomarkers (year 1 of 2)		
Martin, Jason	Arkansas Department of Higher Education	SURF: Effects of Virtual Manipulatives on Student Understanding in Calculus	\$2,750	BR
Martin, Jason	National Science Foundation	Collaborative Research: Project CLEAR Calculus: Coherent Labs to Enhance Accessible and Rigorous Calculus Instruction (year 3 of 3)	\$15,251	ED
Rathinasamy, Bhavanandan (Lenin)	Arkansas Department of Higher Education	SURF: HYPER: Statistical Hypothesis Test Package for R	\$2,125	BR
<b>Physics &amp; Astronomy</b>				
Burris, Debra	National Aeronautics and Space Administration through the Arkansas Space Grant Consortium	The Host Galaxies of Active Galactic Nucli at Moderate Redshifts	\$5,484	BR
Mason, Andrew	National Science Foundation	CAREER: Coaching a Problem Solving Framework: High School Physics to University-level Physics (5 years)	\$406,275	BR
Mehta, Rahul	National Aeronautics and Space Administration through the Arkansas NASA EPSCoR and the Arkansas Space Grant Consortium	Travel Award: The effect of estrogen depletion on the skeletal system in female mice under space-like conditions	\$4,500	AR
Mehta, Rahul	National Aeronautics and Space Administration through the Arkansas NASA EPSCoR and the Arkansas Space Grant Consortium	The effect of estrogen depletion on the skeletal system in female mice under space-like conditions	\$24,500	AR
Mehta, Rahul	National Science Foundation	MRI: Acquisition of a Scanning Electron Microscope for	\$256,743	OCRE

		STEM Research and Training		
Mehta, Rahul	National Aeronautics and Space Administration through the Arkansas Space Grant Consortium and AR EPSCoR	The effect of estrogen depletion on the skeletal system in female mice under space-like conditions	\$45,000	AR
Mehta, Rahul	National Aeronautics and Space Administration through the Arkansas Space Grant Consortium	The Effect of Estrogen depletion on the Skeletal system of female mice under space-line conditions	\$5,000	AR
Slaton, Will	Arkansas Science and Technology Authority	Characterization of Aeroacoustic Sound via 3D Printing Technology	\$39,270	BR
Walker, Azida	Arkansas Science and Technology Authority	EPSCoR Communications Internship (renewal)	\$8,900	T/E
Walker, Azida	National Institutes of Health through the National Center for Research Resources, AR INBRE and the University of Arkansas for Medical Sciences	Understanding the Roles of the Shaker Ky1 Channels through the Variation in the Voltage Dependence Hysterests	\$265,011	BR
Walker, Azida	National Institutes of Health through the National Center for Research Resources, AR INBRE and the University of Arkansas for Medical Sciences	Understanding the Roles of the Shaker Ky1 Channels through the Variation in the Voltage Dependence	\$37,131	BR
<b>STEM Center</b>				
Garimella, Umadevi	U.S. Department of Education through the Arkansas Department of Education	Connecting Core Instruction for the Next Generation Mathematicians and Scientists-CC15-7 (yr 3)	\$156,618	T/E
Garimella, Umadevi	U.S. Department of Education through the Arkansas Department of Higher Education	Beginner Robotics for STEM Teaching: Grades 6-8 (sup)	\$3,800	ED
Garimella,	Arkansas Committed to	Science in Action V	\$6,600	T/E

Umadevi	Education Foundation (ACEF) and the Arkansas STEM Coalition	Hector-Mt. Vernon (renewal)		
Garimella, Umadevi	U.S. Department of Education through the Arkansas Department of Career Education and the Arkansas Department of Higher Education	UCA-STEM Power for Girls	\$8,000	T/E
Garimella, Umadevi	Arkansas Department of Education	STEM Science Specialist (renewal)	\$85,000	T/E
Garimella, Umadevi	Arkansas Department of Education	STEM Mathematics Specialist (renewal)	\$85,000	T/E
Garimella, Umadevi	U.S. Department of Education through the Arkansas Department of Higher Education	Blending Mathematics and Science: Grades 5-8	\$77,104	ED
Garimella, Umadevi	U.S. Department of Education through the Arkansas Department of Education	Excellence in Elementary Science	\$147,211	ED
	<b>College of Sciences &amp; Mathematics Total Dollars Requested:</b>		<b>\$7,504,234</b>	

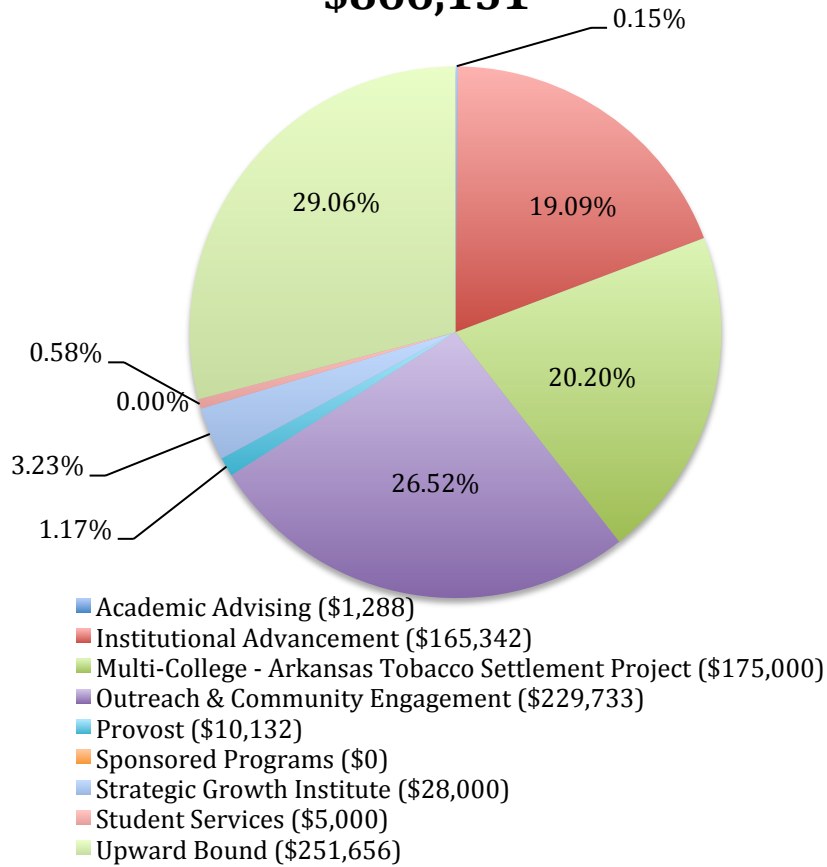
# COLLEGE OF NATURAL SCIENCES & MATHEMATICS FIVE-YEAR FUNDING TRENDS BY DEPARTMENT FISCAL YEARS 2011-2015



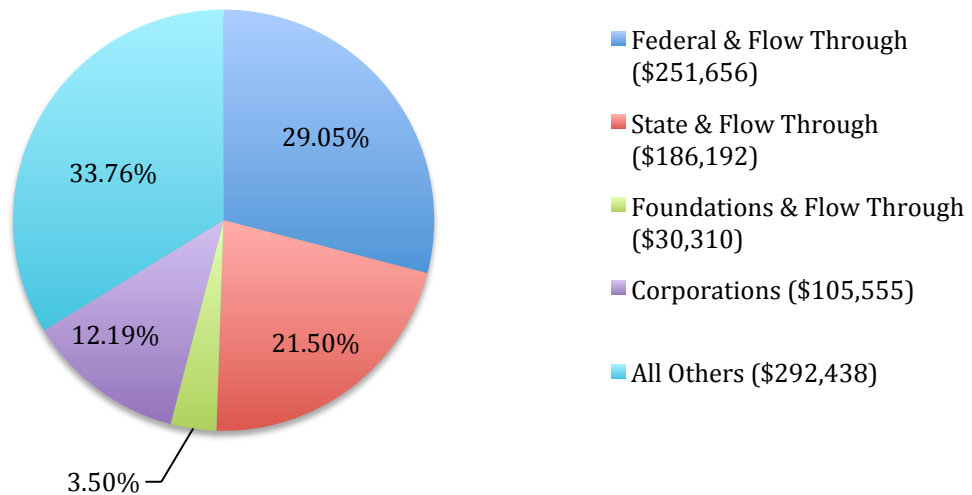
	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Dean's Office	\$0	\$0	\$0	\$378,015	\$434,274
BIOL	\$653,255	\$610,839	\$241,601	\$553,591	\$617,713
CHEM	\$659,811	\$176,903	\$20,000	\$171,294	\$274,230
CSci	\$170,903	\$319,271	\$279,656	\$288,927	\$229,619
GEOG	\$76,886	\$30,000	\$0	\$0	\$5,000
MATH	\$199,296	\$226,857	\$139,200	\$72,007	\$40,947
P&A	\$21,817	\$34,543	\$47,023	\$18,611	\$307,587
STEM CTR	\$573,669	\$464,404	\$419,431	\$542,952	\$340,306
TOTAL CNSM FUNDING	\$2,355,637	\$1,862,817	\$1,146,911	\$2,025,397	\$2,249,676

# Institutional

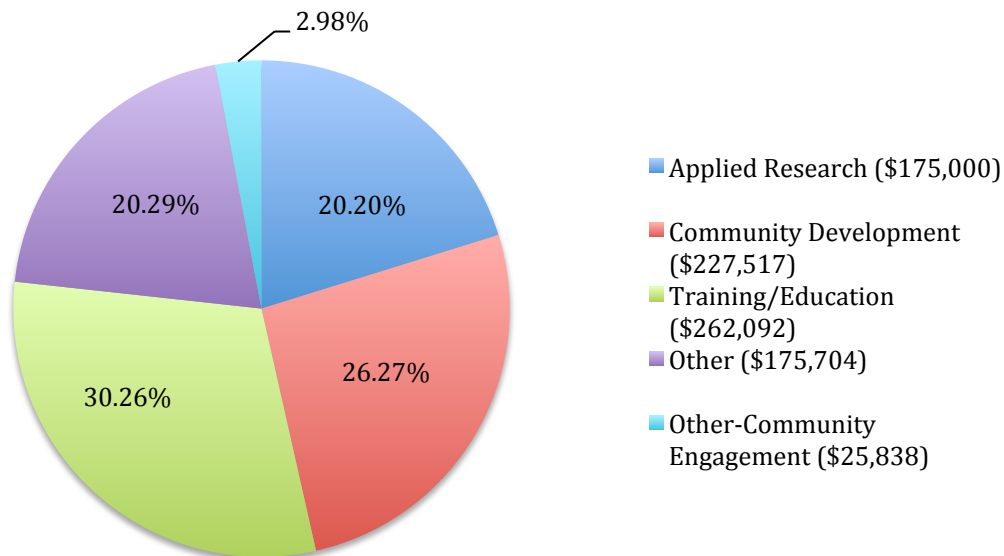
## Total INSTITUTIONAL External Funding: \$866,151



## INSTITUTIONAL Awards by Source



## INSTITUTIONAL Awards by Functional Area



**Notes:**

*Functional Area (FA): BR = Basic Research; AR = Applied Research; RD = Research Development; ED = Educational Development; CD = Community Development; T/E = Training/Education; O = Other; OCE = Other-Community Engagement; OCRE = Other-Construction/Renovation/Equipment. Awards are listed alphabetically by administering department and name of the lead PI, but many awards represent the collaborative efforts of multiple investigators and departments/units.*

<b>Institutional Awards by Department</b>				
Lead PI/PD	Funder	Title	Amount	FA
<b>Academic Advising</b>				
DenHartog, Leigh Ann	Arkansas Science & Technology Authority	UCA STEM Internship to Support the Arkansas STEM Coalition	\$1,288	T/E
<b>Institutional Advancement</b>				
Carroll, Kathy	UCA Foundation	Foundation Salaries	\$165,342	O
<b>Multi-College Grants</b>				
Rainey, Jacqueline	Arkansas Tobacco Settlement Commission	Independent Evaluation of the Arkansas Tobacco Settlement Commission Funded	\$175,000	AR

		Programs		
<b>Outreach &amp; Community Engagement</b>				
Ealy, Shaneil	Southwest Arkansas Education Cooperative	APPEL Central Arkansas Instructional Modules	\$8,176	CD
Ealy, Shaneil	ARCare Incorporated	ARCARE Event	\$1,024	CD
Ealy, Shaneil	Twyla Acklin—Wyrick	Henderson Family Event	\$150	OCE
Watson, Melanie	Arkansas Steps Network	Arkansas STEPS Network Meeting	\$1,893	CD
Watson, Melanie	Greenwood Chamber of Commerce	Business Retention and Expansion Toolkit and Training	\$975	CD
Watson, Melanie	Quality Transcription Specialist	Typewell Workshop	\$400	CD
Watson, Melanie	Arkansas Association of Facilities Administrators	Arkansas Association of Facilities Administrators (AAFA) Conference	\$1,150	CD
Watson, Melanie	Alice Holmes	Homes Party	\$90	OCE
Watson, Melanie	Arkansas Science Fair Association	Arkansas State Science Fair	\$4,765	CD
Watson, Melanie	Kelly Thornton	Faulkner County Homeschool Formal	\$250	OCE
Watson, Melanie	Child Care Aware	Child Care Aware Event	\$2,411	CD
Watson, Melanie	Phi Gamma Delta	Phi Gamma Delta Philanthropic Basketball Tournament	\$250	CD
Watson, Melanie	Alpha Sigma Tau	Princess for a Day	\$125	OCE
Watson, Melanie	Tri Sigma	Founder Day Banquet	\$587	OCE
Watson, Melanie	Boy Scouts of America Troop 392	Boy Scouts of America Troop 392 Event	\$50	OCE
Watson, Melanie	Jennifer Stanley	Stanley Event	\$90	OCE
Watson, Melanie	Arkansas Association of University Women	AAUW Spring Conference	\$882	CD
Watson, Melanie	Future Business Leaders of America	Future Business Leaders of America Event	\$775	CD
Watson, Melanie	Mount Vernon-Enola HS	Mount Vernon Enola HS Event	\$300	OCE

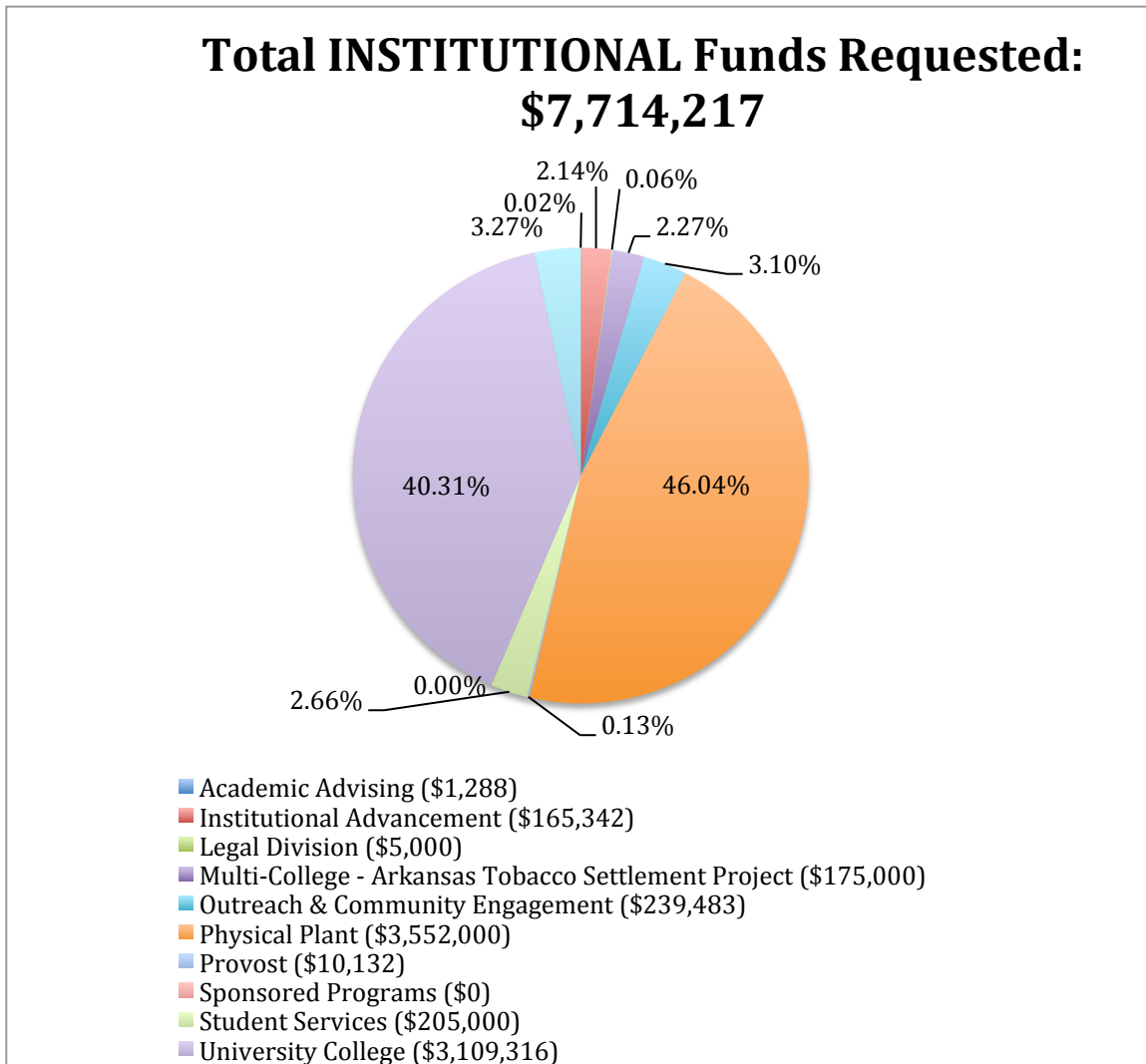
Watson, Melanie	Vilonia, Greenbrier and Mayflower School Districts	Vilonia, Greenbrier and Mayflower HS Graduations	\$3,240	OCE
Watson, Melanie	Arkansas Community Foundation	Celebration of Giving	\$2,310	CD
Watson, Melanie	Kidz University	Kidz University Graduation	\$832	OCE
Watson, Melanie	Wilson Vandiver	Class of '55 Reunion	\$1,289	OCE
Watson, Melanie	Kristy Carter	Famous Graduate Event	\$324	OCE
Watson, Melanie	Christine McKnelley	McKnelley Event	\$1,486	OCE
Watson, Melanie	Bridget Keylor	Keylor Event	\$90	OCE
Watson, Melanie	Racquel Dykes	Dykes Event	\$90	OCE
Watson, Melanie	Jennifer Tucker	Tucker Event	\$90	OCE
Watson, Melanie	Pointe Outpatient Health Services	Pointe Outpatient Behavioral Softball	\$225	CD
Watson, Melanie	Ashley Collins	Collins Event	\$90	OCE
Watson, Melanie	Alisha Eady	Eady Event	\$90	OCE
Watson, Melanie	Institute of Reading Development	Summer Reading Program	\$650	CD
Watson, Melanie	Arkansas Activities Association	All-Stars Coaching Clinic	\$7,238	CD
Watson, Melanie	College City Church	City Reach 2015 Summer Workshop	\$9,230	CD
Watson, Melanie	Dixie Band Camp, Inc.	Dixie Band Camp	\$4,308	CD
Watson, Melanie	People Nurturing People	Excel Summer Camp Event	\$90	CD
Watson, Melanie	Pinnacle Point O/P Services	Pointe Outpatient Swim	\$360	CD
Watson, Melanie	Arkansas Choral Connection, Inc.	Arkansas Choral Choir Camp	\$42,129	CD
Watson, Melanie	Varsity Spirit Corporation	Universal Cheer Camp	\$46,620	CD
Watson, Melanie	The POGIL Project	POGIL Conference	\$3,048	CD
Watson, Melanie	Arkansas Rehabilitation Services	Youth Leadership Forum Camp	\$2,830	CD
Watson, Melanie	Patsy Manion	Dr. Jerry Manion Memorial Service	\$230	O
Watson, Melanie	Robin Jones	Jones/Jordan Event	\$2,498	OCE
Watson, Melanie	Field Management Specialist, Inc.	Field Management Specialist Workshop	\$439	CD
Watson, Melanie	Klaasmeyer Construction Company	Klaasmeyer Construction Enrollment Meeting	\$515	CD
Watson, Melanie	Rivendell of Arkansas O/P	Pointe Outpatient	\$90	CD



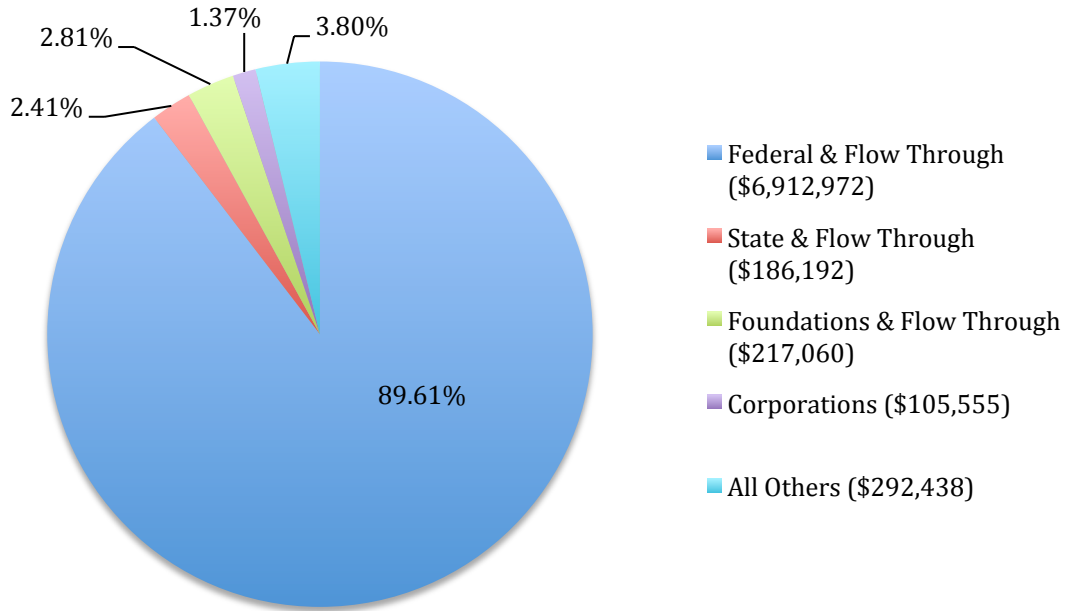
		Swim		
Watson, Melanie	Conway High School	Conway High School Professional Development	\$2,074	CD
Watson, Melanie	Gideons/Kenneth Cameron	Gideon's Annual Event	\$2,315	CD
Watson, Melanie	Liahona Capitol Enterprises LLC	Debt Free Seminar	\$301	CD
Watson, Melanie	Partnership for Transition to Teaching	Transition to Teaching Symposium	\$275	CD
Watson, Melanie	Junior Cotillion	Cotillion	\$425	OCE
Watson, Melanie	Neal Tribble	Evolv Health	\$200	CD
Watson, Melanie	Arkansas Steps Network	Arkansas Steps Network Meeting	\$1,244	CD
Watson, Melanie	PEO Chapter BE	PEO 50 <sup>th</sup> Anniversary	\$85	CD
Watson, Melanie	Arkansas Banner User Group (ABUG)	Arkansas Banner User Group (ABUG)	\$2,955	CD
Watson, Melanie	Hewlett Packard, Inc.	Hewlett Packard	\$6,342	T/E
Watson, Melanie	Arkansas College Teachers of Economics and Business	ACTEB-Arkansas College Teachers of Economics and Business	\$968	CD
Watson, Melanie	Airdusco, Inc.	Bulk Solids Handling Seminar	\$2,201	T/E
Watson, Melanie	Conway Christian Schools	Conway Christian Events	\$300	CD
Watson, Melanie	Southwestern Energy	Southwestern Energy Annual Meeting	\$11,590	CD
Watson, Melanie	Marcy Rodriguez	Rodriguez Event	\$2,993	OCE
Watson, Melanie	Federal Reserve Bank of St. Louis	Federal Reserve Bank of St. Louis Meeting	\$422	CD
Watson, Melanie	Stand Up America Faith Family Freedom	Stand Up America Faith, Family and Freedom Event	\$1,331	CD
Watson, Melanie	Centennial Bank	Centennial Bank John Allison Entrepreneur Series	\$19,148	CD
Watson, Melanie	Knoedl Retirement Advisors	Knoedl Retirement Education Class	\$605	T/E
Watson, Melanie	Arkansas STEM Coalition	AR STEM Coalition Meeting	\$2,149	CD
Watson, Melanie	Miss UCA Scholarship	Miss UCA	\$55	OCE

	Pageant	Interviews		
Watson, Melanie	Conway Chamber of Commerce	Conway Chamber of Commerce Events	\$100	CD
Watson, Melanie	Roller Funeral Homes	Roller-McNutt Event	\$4,781	OCE
Watson, Melanie	AR Association of College & Employers	AR Association of Colleges & Employers Meeting	\$1,488	CD
Watson, Melanie	MT. Sinai Church of God in Christ, Inc.	Sinai Event	\$1,992	OCE
Watson, Melanie	XyLona Briggs	Briggs Event	\$2,650	OCE
Watson, Melanie	Rebecca Coleman	Certificate in Integrative Mental Health	\$135	CD
Watson, Melanie	Junior Cotillion	Jr. Cotillion Event	\$1,091	OCE
Watson, Melanie	City of Greenwood	First Impressions Tour Assessment	\$975	CD
Watson, Melanie	Acxiom Corporation	Acxiom Collegiate Programming Contest	\$1,756	CD
Watson, Melanie	Arkansas Democrat Gazette	Arkansas Democrat Gazette Spelling Bee	\$100	CD
Watson, Melanie	Tri Sigma	Tri Sigma Arkansas State Day	\$1,602	CD
Watson, Melanie	The Pointe Outpatient Behavioral Health Service	Pointe Outpatient Pool Event	\$90	OCE
Watson, Melanie	Field Management Specialists, Inc.	Field Management Specialist Workshop	\$221	CD
<b>Provost</b>				
Runge, Steven	Homer & Regina Pillow Endowment Fund	Homer & Regina Pillow Endowment Fund	\$10,132	O
<b>Sponsored Programs</b>				
Temples, Beryline	U.S. Department of Education	Application for Designation as a Title 3 & 5 Eligible Institution and Non-Federal Cost-Sharing Waiver (renewal)	\$0	O
<b>Strategic Growth Institute</b>				
Whitehead, Amy	Winthrop Rockefeller Foundation	Moving the Needle- Rural Community and Economic Development (yr 1 of 3)	\$28,000	CD
<b>Student Services</b>				
Webster-Smith,	Arkansas Minority Health	Amigo Cup, Health	\$5,000	CD

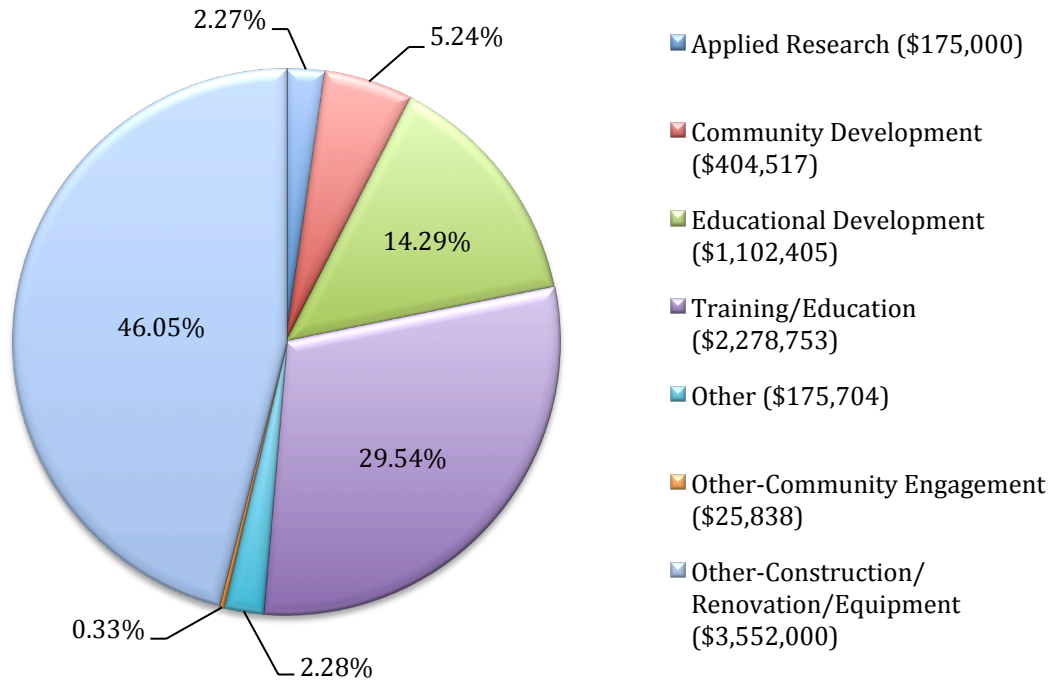
Angela	Commission	Fair & Fiesta 2015		
<b>Upward Bound</b>				
Hardin, Michelle	U.S. Department of Agriculture through the Arkansas Department of Health & Human Services and the Arkansas Division of Child Care and Early Childhood Education	Summer Meal Program Summer 2014	\$1,656	T/E
Hardin, Michelle	U.S. Department of Education	UCA Regular Upward Bound (year 2 of 5)	\$250,000	T/E
<b>Institutional Total Dollars Awarded:</b>			<b>\$866,151</b>	



## INSTITUTIONAL Submissions by Source



## INSTITUTIONAL by Functional Area



Notes:

*Functional Area (FA): BR = Basic Research; AR = Applied Research; RD = Research Development; ED = Educational Development; CD = Community Development; T/E = Training/Education; O = Other; OCE = Other-Community Engagement; OCRE = Other-Construction/Renovation/Equipment. Submissions are listed alphabetically by administering department and name of the lead PI, but many submissions represent the collaborative efforts of multiple investigators and departments/units.*

<b>Institutional Proposals by Department</b>				
Lead PI/PD	Funder	Title	Amount	FA
<b>Academic Advising</b>				
DenHartog, Leigh Ann	Arkansas Science & Technology Authority	UCA STEM Internship to Support the Arkansas STEM Coalition	\$1,288	T/E
<b>Institutional Advancement</b>				
Carroll, Kathy	UCA Foundation	Foundation Salaries	\$165,342	O
<b>Legal Division</b>				
Hughes, Kandi	AVON Foundation for Women	EMPOWWER: Engaging the Mentoring Peers On Worthiness While Embracing Responsibility	\$5,000	CD
<b>Multi-College Grants</b>				
Rainey, Jacqueline	Arkansas Tobacco Settlement Commission	Independent Evaluation of the Arkansas Tobacco Settlement Commission Funded Programs	\$175,000	AR
<b>Outreach &amp; Community Engagement</b>				
Carter, Kristy	Arkansas Community Foundation through the Arkansas Delta Endowment for Building Community	Technical Assistance Training for Black Mayors	\$9,750	T/E
Ealy, Shaneil	Southwest Arkansas Education Cooperative	APPEL Central Arkansas Instructional Modules	\$8,176	CD
Ealy, Shaneil	ARCare Incorporated	ARCARE Event	\$1,024	CD
Ealy, Shaneil	Twyla Acklin—Wyrick	Henderson Family Event	\$150	OCE
Watson, Melanie	Arkansas Steps Network	Arkansas STEPS Network Meeting	\$1,893	CD
Watson, Melanie	Greenwood Chamber of	Business Retention	\$975	CD

	Commerce	and Expansion Toolkit and Training		
Watson, Melanie	Quality Transcription Specialist	Typewell Workshop	\$400	CD
Watson, Melanie	Arkansas Association of Facilities Administrators	Arkansas Association of Facilities Administrators (AAFA) Conference	\$1,150	CD
Watson, Melanie	Alice Holmes	Homes Party	\$90	OCE
Watson, Melanie	Arkansas Science Fair Association	Arkansas State Science Fair	\$4,765	CD
Watson, Melanie	Kelly Thornton	Faulkner County Homeschool Formal	\$250	OCE
Watson, Melanie	Child Care Aware	Child Care Aware Event	\$2,411	CD
Watson, Melanie	Phi Gamma Delta	Phi Gamma Delta Philanthropic Basketball Tournament	\$250	CD
Watson, Melanie	Alpha Sigma Tau	Princess for a Day	\$125	OCE
Watson, Melanie	Tri Sigma	Founder Day Banquet	\$587	OCE
Watson, Melanie	Boy Scouts of America Troop 392	Boy Scouts of America Troop 392 Event	\$50	OCE
Watson, Melanie	Jennifer Stanley	Stanley Event	\$90	OCE
Watson, Melanie	Arkansas Association of University Women	AAUW Spring Conference	\$882	CD
Watson, Melanie	Future Business Leaders of America	Future Business Leaders of America Event	\$775	CD
Watson, Melanie	Mount Vernon-Enola HS	Mount Vernon Enola HS Event	\$300	OCE
Watson, Melanie	Vilonia, Greenbrier and Mayflower School Districts	Vilonia, Greenbrier and Mayflower HS Graduations	\$3,240	OCE
Watson, Melanie	Arkansas Community Foundation	Celebration of Giving	\$2,310	CD
Watson, Melanie	Kidz University	Kidz University Graduation	\$832	OCE
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Watson, Melanie	Kristy Carter	Famous Graduate Event	\$324	OCE
Watson, Melanie	Christine McKnelley	McKnelley Event	\$1,486	OCE
Watson, Melanie	Bridget Keylor	Keylor Event	\$90	OCE

Watson, Melanie	Racquel Dykes	Dykes Event	\$90	OCE
Watson, Melanie	Jennifer Tucker	Tucker Event	\$90	OCE
Watson, Melanie	Pointe Outpatient Health Services	Pointe Outpatient Behavioral Softball	\$225	CD
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Watson, Melanie	Patsy Manion	Dr. Jerry Manion Memorial Service	\$230	O
Watson, Melanie	Robin Jones	Jones/Jordan Event	\$2,498	OCE
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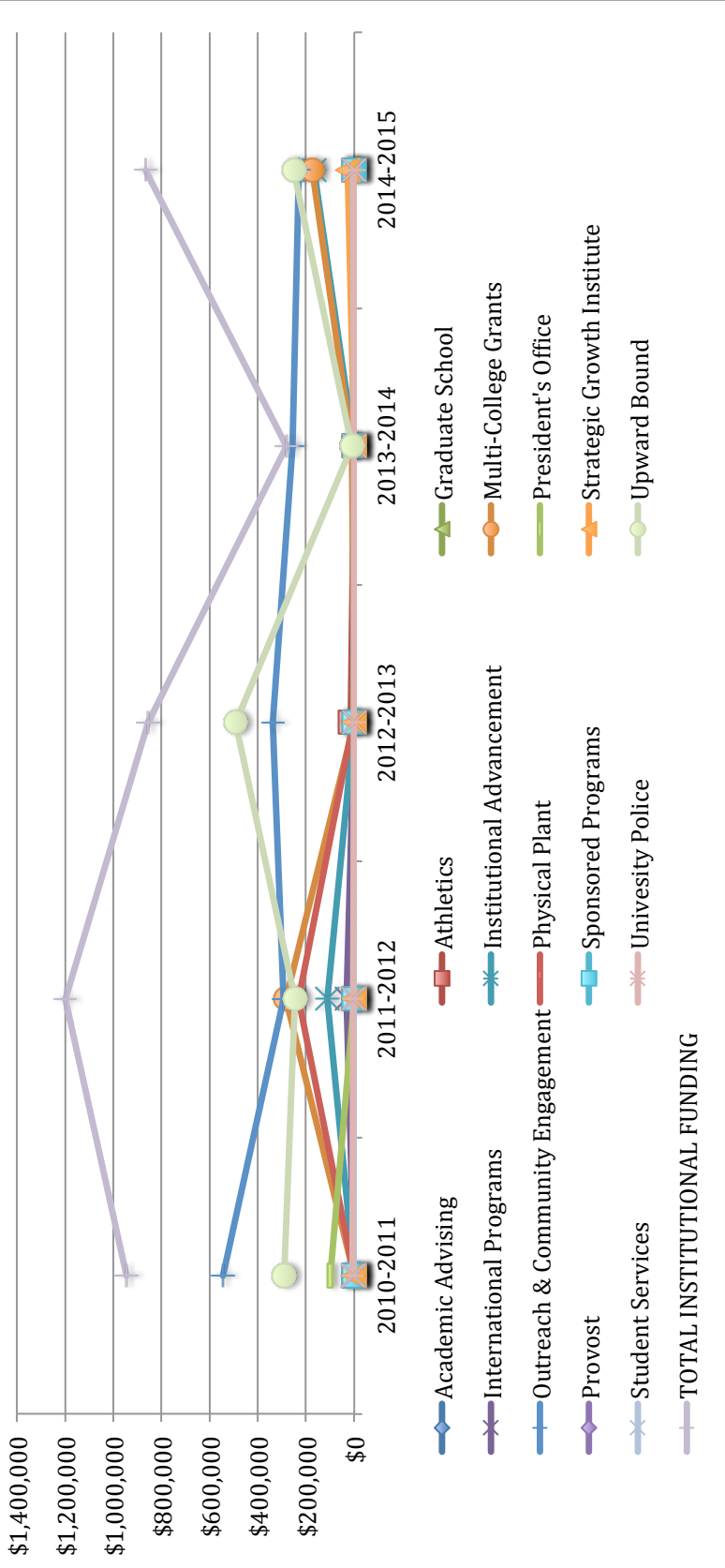
Watson, Melanie	Neal Tribble	Evolv Health	\$200	CD
Watson, Melanie	Arkansas Steps Network	Arkansas Steps Network Meeting	\$1,244	CD
Watson, Melanie	PEO Chapter BE	PEO 50 <sup>th</sup> Anniversary	\$85	CD
Watson, Melanie	Arkansas Banner User Group (ABUG)	Arkansas Banner User Group (ABUG)	\$2,955	CD
Watson, Melanie	Hewlett Packard, Inc.	Hewlett Packard	\$6,342	T/E
Watson, Melanie	Arkansas College Teachers of Economics and Business	ACTEB-Arkansas College Teachers of Economics and Business	\$968	CD
Watson, Melanie	Airdusco, Inc.	Bulk Solids Handling Seminar	\$2,201	T/E
Watson, Melanie	Conway Christian Schools	Conway Christian Events	\$300	CD
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Watson, Melanie	Knoedl Retirement Advisors	Knoedl Retirement Education Class	\$605	T/E
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Watson, Melanie	Miss UCA Scholarship Pageant	Miss UCA Interviews	\$55	OCE
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Watson, Melanie	Roller Funeral Homes	Roller-McNutt Event	\$4,781	OCE
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Watson, Melanie	MT. Sinai Church of God in Christ, Inc.	Sinai Event	\$1,992	OCE
Watson, Melanie	XyLona Briggs	Briggs Event	\$2,650	OCE
Watson, Melanie	Rebecca Coleman	Certificate in Integrative Mental	\$135	CD



		Health		
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Watson, Melanie	City of Greenwood	First Impressions Tour Assessment	\$975	CD
Watson, Melanie	Acxiom Corporation	Acxiom Collegiate Programming Contest	\$1,756	CD
Watson, Melanie	Arkansas Democrat Gazette	Arkansas Democrat Gazette Spelling Bee	\$100	CD
Watson, Melanie	Tri Sigma	Tri Sigma Arkansas State Day	\$1,602	CD
Watson, Melanie	The Pointe Outpatient Behavioral Health Service	Pointe Outpatient Pool Event	\$90	OCE
Watson, Melanie	Field Management Specialists, Inc.	Field Management Specialist Workshop	\$221	CD
<b>Physical Plant</b>				
Lawrence, Larry	U.S. Department of Transportation through the Arkansas State Highway & Transportation Department	Dave Ward Drive Pedestrian Overpass (TAP)	\$1,776,000	OCRE
Lawrence, Larry	U.S. Department of Transportation through the Arkansas State Highway & Transportation Department	Dave Ward Drive Pedestrian Overpass (RTP)	\$1,776,000	OCRE
<b>Provost</b>				
Runge, Steven	Homer & Regina Pillow Endowment Fund	Homer & Regina Pillow Endowment Fund	\$10,132	O
<b>Sponsored Programs</b>				
Temples, Beryline	U.S. Department of Education	Application for Designation as a Title 3 & 5 Eligible Institution and Non- Federal Cost-Sharing Waiver (renewal)	\$0	O
<b>Student Services</b>				
Webster-Smith, Angela	Arkansas Minority Health Commission	Amigo Cup, Health Fair & Fiesta 2015	\$5,000	CD
Webster-Smith, Angela	Winthrop Rockefeller	You Belong: Retaining At-Risk Students with Belonging Interventions	\$200,000	CD
<b>University College</b>				
Baldwin, Amy	U.S. Department of Education	Bears' BEST (Beginning Early	\$2,006,911	T/E

		Success Training)		
Winden-Fey, Julia	U.S. Department of Education	Regular Student Support Services (SSS) at the University of Central Arkansas	\$1,102,405	ED
<b>Upward Bound</b>				
Hardin, Michelle	U.S. Department of Agriculture through the Arkansas Department of Health & Human Services and the Arkansas Division of Child Care and Early Childhood Education	Summer Meal Program Summer 2014	\$1,656	T/E
Hardin, Michelle	U.S. Department of Education	UCA Regular Upward Bound (year 2 of 5)	\$250,000	T/E
	<b>Institutional Total Dollars Requested:</b>		<b>\$7,714,217</b>	

# INSTITUTIONAL FIVE-YEAR FUNDING TRENDS BY DEPARTMENT FISCAL YEARS 2011-2015



	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Academic Advising	\$0	\$0	\$0	\$3,800	\$1,288
Athletics	\$0	\$0	\$15,000	\$0	\$0
Graduate School	\$0	\$0	\$5,000	\$0	\$0
International Programs	\$0	\$31,440	\$0	\$0	\$0
Institutional Advancement	\$0	\$111,000	\$0	\$0	\$165,342
Multi-College Grants	\$0	\$283,928	\$0	\$9,956	\$175,000
Outreach & Community Engagement	\$544,101	\$292,435	\$339,153	\$257,021	\$229,733
Physical Plant	\$0	\$230,000	\$5,400	\$0	\$0
President's Office	\$100,000	\$0	\$0	\$0	\$0
Provost	\$1,775	\$0	\$0	\$0	\$10,132

Sponsored Programs	\$0	\$0	\$0	\$0	\$0	\$0
Strategic Growth Institute	\$0	\$0	\$0	\$0	\$0	\$28,000
Student Services	\$0	\$0	\$0	\$0	\$0	\$5,000
Univesity Police	\$7,700	\$4,400	\$0	\$0	\$0	\$0
Upward Bound	\$290,379	\$246,410	\$491,702	\$9,402	\$251,656	
<b>TOTAL INSTITUTIONAL FUNDING</b>	<b>\$943,955</b>	<b>\$1,199,613</b>	<b>\$856,255</b>	<b>\$280,179</b>	<b>\$866,151</b>	