Summer 2014

Quarterly Report: Q3 FY 2014

University of Tennessee Office of Research

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Proposals Submitted - FY 14 | Awards Received - FY 14 | Sponsored Expenditures - FY 14

<table>
<thead>
<tr>
<th>Prop Cnt</th>
<th>% Incr. Over FY 13</th>
<th>Amount Requested</th>
<th>% Incr. Over FY 13</th>
<th>FY 14 Award</th>
<th>% Incr. Over FY 13</th>
<th>FY14 Amount Received</th>
<th>% Incr. Over FY 13</th>
<th>Amount Expended</th>
<th>% Incr. Over FY 13</th>
</tr>
</thead>
<tbody>
<tr>
<td>College of Architecture and Design</td>
<td>3</td>
<td>0%</td>
<td>$158,033</td>
<td>47%</td>
<td>4</td>
<td>100%</td>
<td>$152,593</td>
<td>288%</td>
<td>$132,062</td>
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<tr>
<td>College of Arts and Science</td>
<td>370</td>
<td>-2%</td>
<td>$136,736,431</td>
<td>56%</td>
<td>302</td>
<td>2%</td>
<td>$22,016,125</td>
<td>-28%</td>
<td>$20,552,057</td>
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<tr>
<td>College of Business Administration</td>
<td>18</td>
<td>-22%</td>
<td>$1,979,616</td>
<td>-48%</td>
<td>24</td>
<td>-8%</td>
<td>$5,340,893</td>
<td>-56%</td>
<td>$5,306,928</td>
</tr>
<tr>
<td>College of Communication and Information</td>
<td>29</td>
<td>16%</td>
<td>$8,072,506</td>
<td>68%</td>
<td>20</td>
<td>25%</td>
<td>$2,649,872</td>
<td>9%</td>
<td>$2,209,766</td>
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<td>College of Education, Health, and Human Science</td>
<td>66</td>
<td>-10%</td>
<td>$28,448,380</td>
<td>-17%</td>
<td>54</td>
<td>13%</td>
<td>$10,177,361</td>
<td>-30%</td>
<td>$7,989,565</td>
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<tr>
<td>College of Engineering</td>
<td>502</td>
<td>10%</td>
<td>$240,833,081</td>
<td>55%</td>
<td>438</td>
<td>14%</td>
<td>$44,050,882</td>
<td>-16%</td>
<td>$34,015,609</td>
</tr>
</tbody>
</table>
| College of Law | 1 | 0% | $18,737 | -4% | 1 | -50% | $12,737 | -36% | 0%
| College of Nursing | 12 | -37% | $7,441,070 | -2% | 13 | 18% | $1,194,316 | 16% | $1,177,869 | 130% |
| College of Social Work | 22 | 0% | $5,286,562 | 58% | 21 | -28% | $3,029,158 | -51% | $3,404,899 | -21% |
| Research Centers and Institutes | 170 | 6% | $72,866,437 | -8% | 155 | 26% | $17,297,210 | 35% | $24,036,883 | 19% |
| Other | 5 | -10% | $8,394,569 | -75% | 3 | -42% | $5,956,727 | -61% | $5,486,051 | -9% |
| Total | 1,199 | 2% | $502,679,189 | 33% | 1,039 | 10% | $107,107,101 | -20% | $104,265,689 | -6% |

**Top 20 Awards**

**Investigators (Primary PI First)**

**Departments, Centers, & Institutes**

**Project Title**

**Sponsor**

**Maximum Amount**

Gross, Louis; Gavrilov, Sergey; Lenhart, Suzanne; Buchan, Alison; Brothers, Ernie; New, John

JTK-Natl Inst For Math & Biol Synth

NIMBioS: National Institute for Mathematical and Biological Synthesis

NSF - National Science Foundation

$18,600,000

Everett, Jerry

JTK-Transportation Center

Law Enforcement Liaison Program

TN Department of Transportation

$6,400,000

Hall, Howard; Heilbronn, Lawrence; Wirth, Brian; Ruggles, Arthur; Sackafus, Kurt; Counte, Robert

JTK-Instit Nuclear Security

JT Radiochemistry Center of Excellence

DOE - National Nuclear Security Administration

$6,000,000

Peterson, Cynthia; Lenhart, Suzanne; Reed, Gregory; Hodges, Carolyn; Brothers, Ernie

JTK-School of genome science & tec

Program for Excellence and Equity in Research (PEER)

DHS - NIH - National Institute of General Medical Sciences

$3,950,000

Peterson, Gregory

JTK-JOINT INSTITUTE COMPUTATIONAL SCIENCE


NSF - National Science Foundation

$4,950,000

Gryzwacz, Robert; Gryzwacz-Jones, Katherine

JTK-Physics

Center of Excellence for Radioactive Ion Beam Studies for Stewardship Science

Rutgers The State University of New Jersey

$1,051,074

Richards, Stephen; Flinchum, Deanna

JTK-Transportation Center

Prospectus for a Regional Center in US DOT Region 4 US DOT Strategic Goal Primary Focus: Safety

US Dept. of Transportation - Research and Innovative Technology

$2,590,000

Speraw, Susan; McRae, John; Skolits, Gary; Schwartz, John

JTK-College Of Nursing

Appalachian Community Health and Disaster Readiness: An Interprofessional Practice

DHHS - Health Resources and Services Administration

$1,500,000

Hillery, Sarah; Huffman, Ashleigh


U.S. Department of State

$1,250,000

Smith, David; Wolbers, Kimberly; Skolits, Gary; Robinson, Stephanie

JTK-Center On Deafness

Tennessee Education of the Deaf Personnel Preparation Project: Focus Area B: Preparing Personnel to serve school-age children with low-incidence disabilities

US Dept. of Education

$1,250,000

Dongarra, Jack

JTK-Dist Rach Prof-Elec Engr & Comp Sci

S2-SSI: Collaborative Research: Sustained Innovation for Linear Algebra Software

NSF - National Science Foundation

$1,100,000

Campbell, Paul; Cheadham, Joanna; Cunningham, Maryanne

JTK-Social work research & pub svc

Child Care Assistance Supportive Services Program (STARS) FY14

Tennessee Department of Human Services

$1,150,000

Beebe, Lora; Roman, Marian; Raynor, Hollie; Thompson, Dixie; Schumann, David; Wyatt, Tami; Skolits, Gary

JTK-College Of Nursing

Recovery-Based Interprofessional Distance Education (RIDE) Program

DHHS - Health Resources and Services Administration

$1,076,182

Dongarra, Jack

JTK-Dist Rach Prof-Elec Engr & Comp Sci

PaBSEC: A Modular Software Framework for Performance & Productive Hybrid Ma

DOE - Office of Science

$1,020,151

Tomsovic, Kevin; Liu, Yuli; King, Thomas

JTK-Electrical Engr & Computer Science

ERC for Ultra-Wide Area Resilient Electric Energy Transmission Network

NSF - National Science Foundation

$955,567

Classen, Aimee

JTK-Ecology & Evolutionary Biology

Incorporating rhizophic interactions & soil physical properties into a soil carbon degradation model through experimenting across ecosystems

DOE - US Dept. of Energy

$882,328

Zawodzinski, Thomas

JTK-Chemical Engineering

Anion Exchange Membrane Development for Zinc-Air Batteries

ZAF Energy Systems

$848,630

Engel, Annette

JTK-Earth & Planetary Sciences

Dimensions: Collaborative Research: Functional diversity of chemosymbiosis in lucinid bivalves from coastal biomes

NSF - National Science Foundation

$793,388

Alexandre-Jouline, Gladys; Morrell-Falve, Jennifer; Alexiadis, Vasiliadis

JTK-Biochem/cell & Molec Biology

Real Time Chemotaxis in Commensal Plant-microbe Associations

NSF - National Science Foundation

$793,020

Cowherd, Stephanie

JTK-Center For Literary Studies

ZRS/CIETAT

Tennessee Department of Human Services

$792,400

* Anticipated Amount
How quarterly report data are derived

Quarterly reports are year-to-date comparisons. For example, the first-quarter report is composed of data for the first three months of each fiscal year presented, while the second-quarter report contains data for the first six months of each fiscal year, and so forth. The first, second, and third quarter reports are drawn from data based on the date of data entry. The final fiscal-year award is based on the award-effective date.

Data depicting colleges and major research centers are presented to show trends within each unit. Proposal and award data are recorded in TERA by the Office of Research. Expenditure, F&A, university support, and faculty count data are taken from IRIS. For more detailed information about the origins of these data, visit http://research.utk.edu/category/reports/

April 30, 2014