Single Audit Reports and Schedule of Expenditures of Federal Awards Year Ended June 30, 2013



Single Audit Reports and Schedule of Expenditures of Federal Awards Year Ended June 30, 2013

Contents

| Schedule of Expenditures of Federal Awards | 1 |
|---|----|
| Notes to Schedule of Expenditures of Federal Awards | 23 |
| Independent Auditor's Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of the Financial Statements Performed in Accordance With <i>Government Auditing Standards</i> | 27 |
| Independent Auditor's Report on Compliance With Requirements That Could Have a Direct and Material Effect on Each Major Program and on Internal Control Over Compliance in Accordance With OMB Circular A-133 and Schedule of Expenditures of Federal Awards | 29 |
| Schedule of Findings and Questioned Costs | 32 |
| Summary Schedule of Prior Audit Findings | 36 |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|--|--|---------------------------|-------------------------|
| RESEARCH AND DEVELOPMENT CLUST | ĒR | | |
| DEPARTMENT OF AGRICULTURE | | | |
| Agricultural Research Basic and Applied Research | | 10.001 | 1,550,784 |
| Through Mississippi State University | 012000-322348-01 | 10.001 | 1,024 |
| US Department of Agriculture Contract | 09-CS-11132422-229 | 10.09-CS-11132422-229 | 4,875 |
| US Department of Agriculture Contract | 09-JV-11242307-111 | 10.09-JV-11242307-111 | 1,090 |
| US Department of Agriculture Contract | 10-JV-11330152-119 | 10.10-JV-11330152-119 | 25,404 |
| US Department of Agriculture Contract | 10-PA-11080222-029 | 10.10-PA-11080222-029 | 6,428 |
| US Department of Agriculture Contract | 12-CS-11221637-133 | 10.12-CS-11221637-133 | 24,899 |
| Federal-State Marketing Improvement Program | | 10.156 | 49,099 |
| Through Brigham Young University | 12-0352 | 10.170 | 119,719 |
| Through Iowa State University | 416-30-18A | 10.170 | 26,808 |
| Through Kentucky Department of Agriculture | PO2 035 1000005643 | 10.170 | 126 |
| Through Kentucky Department of Agriculture | PON2 035 1100001315 | 10.170 | 1,859 |
| Through Kentucky Department of Agriculture | PON2 035 1100001316 | 10.170 | 30,717 |
| Through Kentucky Department of Agriculture | PON2 035 1100001317 | 10.170 | 165 |
| Through Kentucky Department of Agriculture | PON2 035 1100001390 | 10.170 | 7,321 |
| Through Kentucky Department of Agriculture | PON2 035 1200000903 | 10.170 | 9,459 |
| Through Kentucky Department of Agriculture | PON2 035 1200000905 | 10.170 | 3,119 |
| Through Kentucky Department of Agriculture | PON2 035 1200000906 | 10.170 | 3,127 |
| Through Kentucky Department of Agriculture | PON2 035 1200000907 | 10.170 | 5,800 |
| Through Kentucky Department of Agriculture | PON2 035 1300001314 | 10.170 | 3,492 |
| Grants for Agricultural Research, Special Research Grants | | 10.200 | 752,785 |
| Through Iowa State University | 416-30-05A | 10.200 | 34,833 |
| Through Cornell University | 62094-9562 | 10.200 | 620 |
| Cooperative Forestry Research | 02004 0002 | 10.202 | 514,894 |
| Through Kentucky Energy and Environment Cabinet | PO2 128 0900023358 | 10.202 | (111) |
| Payments to Agricultural Experiment Stations Under the Hatch A | | 10.203 | 5,337,438 |
| Grants for Agricultural Research Competitive Research Grants | | 10.206 | 163,613 |
| Through West Virginia University | PO 50012039 | 10.206 | 2 |
| Animal Health and Disease Research | 10 300 12039 | 10.200 | 27,178 |
| Through American Livestock Breeds Conservancy | RD309-117/4893656 | 10.215 | 14,772 |
| Through University of Georgia | RD309-122/4940686 | 10.215 | 1,747 |
| | | | |
| Through University of Georgia Through Kentucky State University | RD309-122/4941256 2010-38821-21522 | 10.215 10.216 | 72,283 18,910 |
| Biotechnology Risk Assessment Research | 2010-36821-21322 | 10.219 | |
| Through Mississippi State University | 018000 320025 12 | | 198,801 |
| | 018000 320935-13 | 10.250 10.303 | (2,725) |
| Through Washington State University | 112890_G002645 UF12235 | | 77,922 |
| Through University of Florida | UF 12235 | 10.304 | 21,677 |
| International Science and Education Grants | 416 20 06P | 10.305 | 57,270 |
| Through Iowa State University | 416-30-06B | 10.307 | 99,377 |
| Through Rutgers University | 4826 S1758552 435151041 | | 6,497 |
| Agriculture and Food Research Initiative (AFR) | | 10.310 | 2,200,975 |
| Through West Virginia University | 11-708-UKRF | 10.310 | 80,824 |
| Through University of California, Davis | 201015718-14 | 10.310 | 47,722 |
| Through Pennsylvania State University | 4382-UK-USDA-0017 | 10.310 | 31,154 |
| Through University of Connecticut | FRS #561425 | 10.310 | 1,302 |
| Through University of Minnesota | H001340202 | 10.310 | 472 |
| Through Regents of the University of California | S-000480 | 10.310 | 4,966 |
| Through Kansas State University | S13166 | 10.310 | 2,633 |
| Through University of Florida | UF10040; 00086631 | 10.310 | 28,882 |
| | | | |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | | -THROUGH TY IDENTIFYING BER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|---|--------|-----------------------------------|-------------------------------------|-------------------------|
| Biomass Research and Development Initiative Competitive Gran | ants | | 10.312 | 577,080 |
| Program (BRDI) Value-Added Producer Grants | | | 10.352 | 1,472 |
| Cooperative Extension Service | | | 10.500 | 246,455 |
| Through University of Massachusetts | 1 | 2-006968 | 10.500 | 240,433 975 |
| Through University of Arkansas | | 1660-21 | 10.500 | 5.091 |
| Through West Virginia University | | 8-228A-UKRF | 10.500 | 1,106 |
| Through National Four H Council | | 4HC-13006 | 10.500 | 3 |
| Through University of Florida | | IF11274 | 10.500 | (15) |
| Through Binational Agricultural Research and Development Fu | - | IS-4318-10 R | 10.600 | 34,590 |
| Forestry Research | | | 10.652 | 64,539 |
| Through University of Montana | P | G12-64736-01 | 10.652 | 19,819 |
| Through Slow the Spread Foundation | | 1-01-02 | 10.664 | 1,030 |
| Through Slow the Spread Foundation | | 2-01-02 | 10.664 | 40,052 |
| Rural Development, Forestry, and Communities | | _ 0 . 0 _ | 10.672 | (18,003) |
| Forest Health Protection | | | 10.680 | 59,872 |
| Norman E Borlaug International Agricultural Science and Technol | nology | | 10.777 | 21,774 |
| Fellowship Soil and Water Conservation | | | 10.902 | 97,564 |
| Soil Survey | | | 10.903 | 34,665 |
| Environmental Quality Incentives Program | | | 10.912 | 103,666 |
| Through University of Tennessee | 8 | 500025673 | 10.912 | 24,686 |
| SUBTOTAL DEPARTMENT OF AGRICULTURE | | | | 12,988,449 |
| DEPARTMENT OF COMMERCE | | | | |
| | - | DA 04 70 00400 | 44.007 | 40.000 |
| Through Kentucky Highlands Investment Corp | E | DA 04-79-06480 | 11.307 | 16,623 |
| Cooperative Fishery Statistics | | | 11.434 | 14,072 |
| Measurement and Engineering Research and Standards | ~ | | 11.609 | 199,137 |
| Through AMT Nano LLC Coldstream Center | 5 | B134111SE0864 | 11.SB134111SE0864 | 6,639 |
| SUBTOTAL DEPARTMENT OF COMMERCE | | | | 236,471 |
| DEPARTMENT OF DEFENSE | | | | |
| Through Aerospace Corp | 4 | 600002986 | 12.114 | (405) |
| Basic and Applied Scientific Research | | | 12.300 | 663,775 |
| Through Oak Ridge National Laboratory | | 000100727 | 12.4000100727 | (2,341) |
| Through Lockheed Martin | 4 | 100316121 | 12.4100316121 | 511,728 |
| Military Medical Research and Development | | | 12.420 | 1,167,420 |
| Through Denver Research Institute | 0 | 05-02 | 12.420 | 365,134 |
| Basic Scientific Research | | | 12.431 | 367,286 |
| Through University of California, Berkeley | | A3628 | 12.431 | (1,606) |
| Through Tulane University | | UL-590-09/10 | 12.431 | 516,256 |
| Through Materials Sciences Corp | | 478-AB51-105-04 | 12.4478-AB51-105-04 | 7,452 |
| Through Materials Sciences Corp | | 97-SD21-121-02 | 12.497-SD21-121-02 | 71,484 |
| Through Materials Sciences Corp | | 036-SD20-001-24 | 12.5036-SD20-001-24 | 39,880 |
| Through Materials Sciences Corp | | 129-SD21-111-01 | 12.5129-SD21-111-01 | 6,900 |
| Through Materials Sciences Corp | 5 | 652-SD21-122 | 12.5652-SD21-122 | 33,493 |
| Mathematical Sciences Grants Program | | | 12.901 | 45,626 |
| Research and Technology Development | - | 0000000 | 12.910 | 212,887 |
| Through VSee Lab | | OD092009 | 12.910 | 14,889 |
| Through ObjectVideo Incorporated | | A8650-12-C-7212 | 12.FA8650-12-C-7212 | 99,838 |
| Through Innovative Productivity Inc Through Alliant Techsystems Incorporated | | PI-02-5200-C03 1P00044249 | 12.IPI-02-5200-C03 12.MP00044249 | (8,464) 56,088 |
| Through Amant Techsystems Incorporated | IV | 11 00044243 | 12.1011 00044243 | 50,000 |

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS FOR THE YEAR ENDED JUNE 30, 2013

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|--|---|---|---|
| Through Spectrum Magnetics LLC Through Wake Forest University Through University of Maryland Through Covalent Group One Glenhardie Corporate Center | N0001413P1009 N66001-02-C-8058 PO S02050 RF1V-01 | 12.N0001413P1009 12.N66001-02-C-8058 12.PO S02050 12.RF1V-01 | 28,871 422 (31) 29,295 |
| Through ERC Incorporated Through Charles River Analytics Inc Through Charles River Analytics Inc Department of Defense Contract Department of Defense Contract Through Wake Forest University | RS111042 SC1007201 / PO1100255 SC1208901 W56HZV-07-C-0721 W9113M-11-C-0044 WFUHS 10183 | 12.RS111042 12.SC1007201 / PO1100255 12.SC1208901 12.W56HZV-07-C-0721 12.W9113M-11-C-0044 12.WFUHS 10183 | 8,836 12,606 75,244 21,047 675,680 360,767 |
| SUBTOTAL DEPARTMENT OF DEFENSE | | | 5,380,057 |
| CENTRAL INTELLIGENCE AGENCY | | | |
| Central Intelligence Agency | 2011-11070800001 | 13.2011-11070800001 | 85,869 |
| SUBTOTAL CENTRAL INTELLIGENCE AGENCY | | | 85,869 |
| DEPARTMENT OF HOUSING AND URBAN DEVE | LOPMENT | | |
| Through Lexington Fayette Urban County Government | R-248-2006 | 14.875 | 29 |
| SUBTOTAL DEPARTMENT OF HOUSING AND U | RBAN DEVELOPMENT | | 29 |
| DEPARTMENT OF THE INTERIOR | | | |
| Through University of Southern Mississippi | USM-GR03958-001 | 15.021 | 8,203 |
| Wildland Fire Research and Studies Program | | 15.232 | 68,320 |
| Through University of Wyoming | 1001541-DAVIS | 15.252 | 298,770 |
| Science and Technology Projects Related to Coal Mining and Reclamation Through Kentucky Tourism, Arts and Heritage Cabinet | M-05238453 | 15.255 | 19,320 272 |
| Through Kentucky Tourism, Arts and Heritage Cabinet | PON2 660 1200003129 | 15.611 | 60,638 |
| Through Kentucky Tourism, Arts and Heritage Cabinet | PON2 660 1200003568 | 15.611 | 90,000 |
| Through Kentucky Tourism, Arts and Heritage Cabinet | PON2 660 1300001004 | 15.615 | 10,998 |
| Assistance to State Water Resources Research Institutes | | 15.805 | 97,649 |
| Earthquake Hazards Reduction Program | | 15.807 | 1,042 |
| U.S. Geological Survey Research and Data Collection | | 15.808 | 11,266 |
| Through University of Southern California | Y82308 | 15.808 | 26,981 |
| National Cooperative Geologic Mapping Program | | 15.810 | 226,351 |
| Through Kentucky Heritage Council | FY11-10-PA-101 | 15.904 | 4,217 |
| American Battlefield Protection | _ | 15.926 | 20,415 |
| Cooperative Research and Training Programs - Resources of th National Park System Department of the Interior Contract | e H5000095041/P09AC0034 | 15.945 1 15.H5000095041/P09AC0034 | 49,500 11 12,090 |
| SUBTOTAL DEPARTMENT OF THE INTERIOR | | | 1,006,032 |
| | | | 1,000,001 |
| | | 10 500 | F7 070 |
| National Institute of Justice Research, Evaluation, and Developr Through Kentucky Administrative Office of the Courts | PON2 025 1300000137 | 16.560 16.588 | 57,372 49,084 |
| Department of Justice Contract | A1N103291 | 16.A1N103291 | 49,084 25,119 |
| Department of Justice Contract | A10103231 A2OTD3041 | 16.A2OTD3041 | 24,689 |
| | | | |
| SUBTOTAL DEPARTMENT OF JUSTICE | | | 156,264 |

DEPARTMENT OF LABOR

| FEDERAL GRANTOR/PASS-THROUGH | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|--|--|---------------------------|-------------------------|
| Through University of Baltimore | KENTUCKY-ADARE 2 | 17.248 | (61) |
| SUBTOTAL DEPARTMENT OF LABOR | | | (61) |
| DEPARTMENT OF STATE | | | |
| Through Partnership for Energy and Environment Research | STATE 120903 | 19.STATE 120903 | (6,966) |
| SUBTOTAL DEPARTMENT OF STATE | | | (6,966) |
| DEPARTMENT OF TRANSPORTATION | | | |
| Through Louisiana Department of Transportation and Developm | ent 12-4PF / 30000542 | 20.200 | 16,111 |
| Through State of Alaska Department of Transportation and Publ Facilities | | 20.205 | 18,565 |
| Through Kentucky Transportation Cabinet | FRT 126 | 20.205 | 4,102 |
| Through Kentucky Transportation Cabinet | FRT 137 | 20.205 | 23,739 |
| Through Kentucky Transportation Cabinet | FRT 143 | 20.205 | 1,413 |
| Through Kentucky Transportation Cabinet | FRT 157 | 20.205 | 16,825 |
| Through Kentucky Transportation Cabinet | FRT 158 | 20.205 | 12,363 |
| Through Kentucky Transportation Cabinet | FRT 159 | 20.205 | 47,349 |
| Through Kentucky Transportation Cabinet | FRT 160 | 20.205 | 31,406 |
| Through Kentucky Transportation Cabinet | FRT 161 | 20.205 | 22,615 |
| Through Kentucky Transportation Cabinet | FRT 179 | 20.205 | 12,151 |
| Through Kentucky Transportation Cabinet | FRT 184 | 20.205 | 11,027 |
| Through Kentucky Transportation Cabinet | FRT 186 | 20.205 | 39,292 |
| Through Kentucky Transportation Cabinet | FRT 190 | 20.205 | 89,861 |
| Through Kentucky Transportation Cabinet | FRT 191 | 20.205 | 127,605 |
| Through Kentucky Transportation Cabinet | FRT 193 | 20.205 | 5,709 |
| Through Kentucky Transportation Cabinet | FRT 194 | 20.205 | 20,981 |
| Through Kentucky Transportation Cabinet | FRT 196 | 20.205 | 20,533 |
| Through Kentucky Transportation Cabinet | FRT 197 | 20.205 | 64,975 |
| Through Kentucky Transportation Cabinet | FRT 2013 | 20.205 | 19,477 |
| Through Kentucky Transportation Cabinet | KHIT 51 | 20.205 | 10,575 |
| Through Kentucky Transportation Cabinet | KHIT 58 | 20.205 | 19,673 |
| Through Kentucky Transportation Cabinet | LA 11-JLH | 20.205 | 2,957 |
| | | | |
| Through Kentucky Transportation Cabinet | LA 15-DBD | 20.205 | 20,605 |
| Through Kentucky Transportation Cabinet | LA 16-DBD | 20.205 | 42,324 |
| Through Kentucky Transportation Cabinet | LA 19A-JLH | 20.205 | 6,696 |
| Through Kentucky Transportation Cabinet | LA 25-JLH | 20.205 | 3,179 |
| Through Kentucky Transportation Cabinet | LA 26-JLH | 20.205 | 2,430 |
| Through Kentucky Transportation Cabinet | LA 2-CRS | 20.205 | 4,853 |
| Through Kentucky Transportation Cabinet | LA 3-CRS | 20.205 | 35,344 |
| Through Kentucky Transportation Cabinet | LA 4A-CRS | 20.205 | 4,598 |
| Through Kentucky Transportation Cabinet | LA 5-ABA | 20.205 | 6,627 |
| Through Kentucky Transportation Cabinet | RS NO. 18 | 20.205 | (876) |
| Through Kentucky Transportation Cabinet | RS NO. 18 - PHASE I | 20.205 | (767) |
| Through Kentucky Transportation Cabinet | TASK 42 | 20.205 | 16,034 |
| Through Kentucky Transportation Cabinet | M-04527002 | 20.215 | 2,851 |
| Through Kentucky Transportation Cabinet | Planning Study 2 | 20.215 | 63,015 |
| Through Kentucky Transportation Cabinet | RSF 20 | 20.217 | 124,794 |
| Through Kentucky Transportation Cabinet | RSF 27 | 20.217 | 100,558 |
| Through Kentucky Transportation Cabinet | RSF 30 | 20.217 | 246,840 |
| Through Kentucky Transportation Cabinet | RSF 33 | 20.217 | 153,040 |
| Through Kentucky Transportation Cabinet | RSF 36 | 20.217 | 3,084 |
| Through Kentucky Transportation Cabinet | RSF 35 | 20.231 | 61,434 |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|--|--|---------------------------|-------------------------|
| Through Battelle Memorial Institute Columbus Operations | 276477 | 20.276477 | 2,205 |
| Through Kentucky Transportation Cabinet | C-02327148 | 20.515 | 5,250 |
| Through National Waterways Foundation | DOT0313 | 20.515 | 19,037 |
| Through Kentucky Transportation Cabinet | KCTRP 04-24 | 20.515 | 96,578 |
| Through Kentucky Transportation Cabinet | KCTRP 2012-2013 | 20.515 | 366 |
| Through Kentucky Transportation Cabinet | KYSPR 06-322 | 20.515 | 28,332 |
| Through Kentucky Transportation Cabinet | KYSPR 09-372 | 20.515 | 39,818 |
| Through Kentucky Transportation Cabinet | KYSPR 09-379 | 20.515 | 35,333 |
| Through Kentucky Transportation Cabinet | KYSPR 09-381 | 20.515 | 16,646 |
| Through Kentucky Transportation Cabinet | KYSPR 10-393 | 20.515 | 50,458 |
| Through Kentucky Transportation Cabinet | KYSPR 10-395 | 20.515 | 30,340 |
| Through Kentucky Transportation Cabinet | KYSPR 10-408 | 20.515 | 35,694 |
| Through Kentucky Transportation Cabinet | KYSPR 11-416 | 20.515 | 27,957 |
| Through Kentucky Transportation Cabinet | KYSPR 11-417 | 20.515 | 17,697 |
| Through Kentucky Transportation Cabinet | KYSPR 11-418 | 20.515 | 6,800 |
| Through Kentucky Transportation Cabinet | KYSPR 11-419 | 20.515 | 75,023 |
| | KYSPR 11-420 | 20.515 | |
| Through Kentucky Transportation Cabinet | | | 44,508 |
| Through Kentucky Transportation Cabinet | KYSPR 11-422 | 20.515 | 27,973 |
| Through Kentucky Transportation Cabinet | KYSPR 11-423 | 20.515 | 20,547 |
| Through Kentucky Transportation Cabinet | KYSPR 11-424 | 20.515 | 59,995 |
| Through Kentucky Transportation Cabinet | KYSPR 11-426 | 20.515 | 19,155 |
| Through Kentucky Transportation Cabinet | KYSPR 11-427 | 20.515 | 35,188 |
| Through Kentucky Transportation Cabinet | KYSPR 11-428 | 20.515 | 37,454 |
| Through Kentucky Transportation Cabinet | KYSPR 12-429 | 20.515 | 50,900 |
| Through Kentucky Transportation Cabinet | KYSPR 12-430 | 20.515 | 64,992 |
| Through Kentucky Transportation Cabinet | KYSPR 12-431 | 20.515 | 72,974 |
| Through Kentucky Transportation Cabinet | KYSPR 12-433 | 20.515 | 77,986 |
| Through Kentucky Transportation Cabinet | KYSPR 12-434 | 20.515 | 12,975 |
| Through Kentucky Transportation Cabinet | KYSPR 12-435 | 20.515 | 116,907 |
| Through Kentucky Transportation Cabinet | KYSPR 12-436 | 20.515 | 9,525 |
| Through Kentucky Transportation Cabinet | KYSPR 12-437 | 20.515 | 73,777 |
| Through Kentucky Transportation Cabinet | KYSPR 12-438 | 20.515 | 62,704 |
| Through Kentucky Transportation Cabinet | KYSPR 12-439 | 20.515 | 39,305 |
| Through Kentucky Transportation Cabinet | KYSPR 12-440 | 20.515 | 59,952 |
| Through Kentucky Transportation Cabinet | KYSPR 12-441 | 20.515 | 69,512 |
| Through Kentucky Transportation Cabinet | KYSPR 12-442 | 20.515 | 54,525 |
| Through Kentucky Transportation Cabinet | KYSPR 12-443 | 20.515 | 75,160 |
| Through Kentucky Transportation Cabinet | KYSPR 12-444 | 20.515 | 53,019 |
| Through Kentucky Transportation Cabinet | KYSPR 12-445 | 20.515 | 7,102 |
| Through Kentucky Transportation Cabinet | KYSPR 12-446 | 20.515 | 27,983 |
| Through Kentucky Transportation Cabinet | KYSPR 12-447 | 20.515 | 45,870 |
| Through Kentucky Transportation Cabinet | KYSPR 12-449 | 20.515 | 62,424 |
| Through Kentucky Transportation Cabinet | KYSPR 13-452 | 20.515 | 56,750 |
| Through Kentucky Transportation Cabinet | KYSPR 13-453 | 20.515 | 25,984 |
| Through Kentucky Transportation Cabinet | KYSPR 13-454 | 20.515 | 75,050 |
| Through Kentucky Transportation Cabinet | KYSPR 13-455 | 20.515 | 46,608 |
| Through Kentucky Transportation Cabinet | KYSPR 13-456 | 20.515 | 48,398 |
| Through Kentucky Transportation Cabinet | KYSPR 13-457 | 20.515 | 39,421 |
| Through Kentucky Transportation Cabinet | KYSPR 13-458 | 20.515 | 63,709 |
| | | 20.515 | |
| Through Kentucky Transportation Cabinet | KYSPR 13-459 | | 39,020 |
| Through Kentucky Transportation Cabinet | KYSPR 13-460 | 20.515 | 57,495 |
| Through Kentucky Transportation Cabinet | KYSPR 13-461 | 20.515 | 97,511 |
| Through Kentucky Transportation Cabinet | KYSPR 13-462 | 20.515 | 39,203 |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITL | PASS-THROUGH ENTITY IDENTIFYING E NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|---|--|---------------------------------------|-------------------------|
| | KYSPR 13-463 | | |
| Through Kentucky Transportation Cabinet | KYSPR 13-464 | 20.515 20.515 | 77,974 74,135 |
| Through Kentucky Transportation Cabinet | KYSPR 13-465 | 20.515 | 40,564 |
| Through Kentucky Transportation Cabinet Through Kentucky Transportation Cabinet | KYSPR 13-466 | 20.515 | 29,977 |
| | KYSPR 13-460 KYSPR 13-467 | 20.515 | 73,202 |
| Through Kentucky Transportation Cabinet | KYSPR 13-407 KYSPR 13-51 | 20.515 | 92,061 |
| Through Kentucky Transportation Cabinet Through Kentucky Transportation Cabinet | KYSPR 13-56 | 20.515 | 196,823 |
| Through Kentucky Transportation Cabinet | KYSPR 13-50 KYSPR 13-57 | 20.515 | 59,569 |
| Through Kentucky Transportation Cabinet | KYSPR 13-58 | 20.515 | 39,926 |
| Through Kentucky Transportation Cabinet | KYSPR 85-107 | 20.515 | 101,342 |
| | PLANNING STUDY 16 | 20.515 | 65,834 |
| Through Kentucky Transportation Cabinet | PLANNING STUDY 10 PLANNING STUDY 20 | 20.515 | 52,025 |
| Through Kentucky Transportation Cabinet Through Kentucky Transportation Cabinet | PLANNING STUDY 20 PLANNING STUDY 21 | 20.515 | 27,788 |
| | PLANNING STUDY 21 PLANNING STUDY 23 | 20.515 | 943 |
| Through Kentucky Transportation Cabinet | | | |
| Through Kentucky Transportation Cabinet | K9-12-02 | 20.600 | 35,708 |
| Through Kentucky Transportation Cabinet | K9-13-04 | 20.600 | 14,748 |
| Through Kentucky Transportation Cabinet | K9-13-05 | 20.600 | 10,742 |
| Through Kentucky Transportation Cabinet | OP-11-05 | 20.600 | (31) |
| Through Kentucky Transportation Cabinet | OP-12-05 | 20.600 | 28,757 |
| Through Kentucky Transportation Cabinet | PO2 625 1300001491 | 20.600 | 18,405 |
| Through Kentucky Transportation Cabinet | PO2 625 1300001594 | 20.600 | 50,843 |
| Through Kentucky Transportation Cabinet | PO2 625 1300001598 | 20.600 | 35,712 |
| Through Kentucky Transportation Cabinet | PON2 605 1200003570 | 20.600 | 24,933 |
| Through Kentucky Transportation Cabinet | PT-11-53 | 20.600 | (1,092) |
| Through Kentucky Transportation Cabinet | PT-12-58 | 20.600 | 19,754 |
| Through Kentucky Transportation Cabinet | RS-12-01 | 20.600 | 14,095 |
| Through Kentucky Transportation Cabinet | RSF 14 | 20.600 | 88,722 |
| Through Kentucky Transportation Cabinet | RSF 31 | 20.600 | (225) |
| Through Kentucky Transportation Cabinet | RSF 32 | 20.600 | 52,606 |
| Through University of Illinois | 2012-02061-01 | 20.701 | 130,378 |
| Through Marshall University Research Corporation | 2012-087 / 212134 2013-134/212134 | 20.701 | 1,060,537 |
| Through Marshall University Research Corporation | | 20.701 | 72,484 |
| Through Southeastern Transportation Center | 92545 99-S120211 | 20.701 20.99-S120211 | (393) |
| Through Texas A&M University | | 20.99-5120211 20.DTMC75-09-H-00016 | 18,713 |
| Department of Transportation Contract | DTMC75-09-H-00016 | | (9,482) |
| Through Marshall University Research Corporation Through Kentucky Transportation Cabinet | FMCSA122012 LA 22-CRS | 20.FMCSA122012 20.LA 22-CRS | 85,687 2,094 |
| Through Kentucky Transportation Cabinet | LA 24-MSN | 20.LA 22-0KS 20.LA 24-MSN | 1,834 |
| SUBTOTAL DEPARTMENT OF TRANSPORTA | TION | | 6,582,754 |
| APPALACHIAN REGIONAL COMMISSION | | | |
| Through Morehead State University | 2011-12-007-001 | 23.001 | 173,169 |
| Through Kentucky Tourism, Arts and Heritage Cabinet | PO2 850 1300003496 | 23.002 | 42,934 |
| Appalachian Research, Technical Assistance and Demonstr | ation | 23.011 | 282,484 |
| SUBTOTAL APPALACHIAN REGIONAL COM | MISSION | | 498,587 |
| OFFICE OF PERSONNEL MANAGEMENT | | | |
| Intergovernmental Personnel Act (IPA) Mobility Program | | 27.011 | 95,438 |
| SUBTOTAL OFFICE OF PERSONNEL MANAG | | | 95,438 |
| NATIONAL AERONAUTICS & SPACE ADMIN | ISTRATION | | |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|---|---|--|--|
| Science | | 43.001 | 351,594 |
| Through Space Telescope Science Institute | HST-AR-12125.01-A | 43.001 | 38,936 |
| Through Western Kentucky University | WKURF 516204-08-01 | 43.001 | 97,802 |
| Aeronautics | | 43.002 | 547,571 |
| Education | | 43.008 | 244,309 |
| National Aeronautics Space Commission Contract | 1401954 | 43.1401954 | 50,481 |
| Through University of Wisconsin | 180K924 | 43.180K924 | 53,689 |
| Through Western Kentucky University | 596304-10-001 | 43.596304-10-001 | 37,579 |
| Through Space Telescope Science Institute | HST-AR-12639.01-A | 43.HST-AR-12639.01-A | 42,918 |
| Through Space Telescope Science Institute | HST-GO-12060.80-A | 43.HST-GO-12060.80-A | 22,500 |
| Through Space Telescope Science Institute | HST-GO-12309.02-A | 43.HST-GO-12309.02-A | 16,028 |
| Through Space Telescope Science Institute | HST-GO-12560.01-A | 43.HST-GO-12560.01-A | 7,465 |
| Through National Space Biomedical Research Institute | NCC9-58-183 | 43.NCC9-58-183 | 526 |
| National Aeronautics Space Commission Contract | NNJ08HB93P | 43.NNJ08HB93P | 3,530 |
| National Aeronautics Space Commission Contract | NNX10AD39G | 43.NNX10AD39G | 18,927 |
| National Aeronautics Space Commission Contract | NNX10AL96H | 43.NNX10AL96H | 668,248 |
| National Aeronautics Space Commission Contract | NNX10AN01A | 43.NNX10AD01A | 200,861 |
| National Aeronautics Space Commission Contract | NNX10AV39A | 43.NNX10AV39A | 84,006 |
| • | RFP-12-001-012 | | 33,585 |
| National Aeronautics Space Commission Contract | | 43.RFP-12-001-012 | |
| National Aeronautics Space Commission Contract | RSA NO: 1430426 | 43.RSA NO: 1430426 | 4,171 |
| Through CFD Research Corporation | | 43.SUBCONTRACT # 1485 | 87,478 |
| Through Western Kentucky University | WKURF 516212-09-01 | 43.WKURF 516212-09-01 | 11,123 |
| Through Western Kentucky University | WKURF 596285-10-001 | 43.WKURF 596285-10-001 | 17,186 |
| | WKURF 596868-08-01 | 43.WKURF 596868-08-01 | 40 |
| Through Western Kentucky University | | | |
| SUBTOTAL NATIONAL AERONAUTICS & SPAC | CE ADMINISTRATION | 40.000000000000000000000000000000000000 | 2,640,553 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI | CE ADMINISTRATION | | 2,640,553 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends | CE ADMINISTRATION | 45.160 45.313 | 2,640,553 50,397 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century | E ADMINISTRATION | 45.160 | 2,640,553 50,397 (376) |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE | E ADMINISTRATION | 45.160 | 2,640,553 50,397 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century | E ADMINISTRATION | 45.160 | 2,640,553 50,397 (376) |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION | E ADMINISTRATION | 45.160 45.313 | 2,640,553 50,397 (376) 50,021 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants | E ADMINISTRATION ES HUMANITIES | 45.160 45.313 47.041 | 2,640,553 50,397 (376) 50,021 1,599,663 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc | E ADMINISTRATION ES HUMANITIES | 45.160 45.313 47.041 47.041 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc Mathematical and Physical Sciences | CE ADMINISTRATION ES E HUMANITIES NSF082008 | 45.160 45.313 47.041 47.041 47.049 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 3,494,138 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc Mathematical and Physical Sciences Through University of Louisville | CE ADMINISTRATION ES E HUMANITIES NSF082008 | 45.160 45.313 47.041 47.041 47.049 47.049 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 3,494,138 63,401 11,724 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc Mathematical and Physical Sciences Through University of Louisville Geosciences Computer and Information Science and Engineering | CE ADMINISTRATION ES E HUMANITIES NSF082008 | 45.160 45.313 47.041 47.041 47.049 47.049 47.050 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 3,494,138 63,401 11,724 1,078,202 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc Mathematical and Physical Sciences Through University of Louisville Geosciences Computer and Information Science and Engineering Through BBN Technologies | E ADMINISTRATION ES E HUMANITIES NSF082008 ULRF 11-0817-02 | 45.160 45.313 47.041 47.041 47.049 47.049 47.050 47.070 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 3,494,138 63,401 11,724 1,078,202 48,154 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc Mathematical and Physical Sciences Through University of Louisville Geosciences Computer and Information Science and Engineering Through BBN Technologies Through Indiana University | E ADMINISTRATION ES E HUMANITIES NSF082008 ULRF 11-0817-02 9500009448 | 45.160 45.313 47.041 47.041 47.049 47.049 47.050 47.070 47.070 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 3,494,138 63,401 11,724 1,078,202 48,154 38,806 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc Mathematical and Physical Sciences Through University of Louisville Geosciences Computer and Information Science and Engineering Through BBN Technologies Through Indiana University Through Computing Research Association | E ADMINISTRATION ES E HUMANITIES NSF082008 ULRF 11-0817-02 9500009448 BL-4529718-UK | 45.160 45.313 47.041 47.041 47.049 47.049 47.050 47.070 47.070 47.070 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 3,494,138 63,401 11,724 1,078,202 48,154 38,806 17,660 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc Mathematical and Physical Sciences Through University of Louisville Geosciences Computer and Information Science and Engineering Through BBN Technologies Through Indiana University Through Computing Research Association Biological Sciences | E ADMINISTRATION ES E HUMANITIES NSF082008 ULRF 11-0817-02 9500009448 BL-4529718-UK CIF-C-28 | 45.160 45.313 47.041 47.041 47.049 47.049 47.050 47.070 47.070 47.070 47.070 47.070 47.070 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 3,494,138 63,401 11,724 1,078,202 48,154 38,806 17,660 2,160,693 |
| SUBTOTAL NATIONAL AERONAUTICS & SPAC NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc Mathematical and Physical Sciences Through University of Louisville Geosciences Computer and Information Science and Engineering Through BBN Technologies Through Indiana University Through Computing Research Association Biological Sciences Through University of Delaware | E ADMINISTRATION ES E HUMANITIES NSF082008 ULRF 11-0817-02 9500009448 BL-4529718-UK | 45.160 45.313 47.041 47.041 47.049 47.049 47.050 47.070 47.070 47.070 47.070 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 3,494,138 63,401 11,724 1,078,202 48,154 38,806 17,660 |
| SUBTOTAL NATIONAL AERONAUTICS & SPAC NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc Mathematical and Physical Sciences Through University of Louisville Geosciences Computer and Information Science and Engineering Through BBN Technologies Through BBN Technologies Through Indiana University Through Computing Research Association Biological Sciences Through University of Delaware Through Duke University | CE ADMINISTRATION ES E HUMANITIES NSF082008 ULRF 11-0817-02 9500009448 BL-4529718-UK CIF-C-28 27181 EF-0830093 | 45.160 45.313 47.041 47.041 47.049 47.049 47.050 47.070 47.070 47.070 47.070 47.070 47.074 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 3,494,138 63,401 11,724 1,078,202 48,154 38,806 17,660 2,160,693 7,493 82,630 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc Mathematical and Physical Sciences Through University of Louisville Geosciences Computer and Information Science and Engineering Through BBN Technologies Through BBN Technologies Through Indiana University Through Computing Research Association Biological Sciences Through University of Delaware Through Duke University Through Council on Undergraduate Research | CE ADMINISTRATION ES E HUMANITIES NSF082008 ULRF 11-0817-02 9500009448 BL-4529718-UK CIF-C-28 27181 EF-0830093 Q01 | 45.160 45.313 47.041 47.041 47.049 47.049 47.050 47.070 47.070 47.070 47.070 47.070 47.074 47.074 47.074 47.074 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 3,494,138 63,401 11,724 1,078,202 48,154 38,806 17,660 2,160,693 7,493 82,630 6,551 |
| SUBTOTAL NATIONAL AERONAUTICS & SPAC NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc Mathematical and Physical Sciences Through University of Louisville Geosciences Computer and Information Science and Engineering Through BBN Technologies Through BBN Technologies Through Indiana University Through Computing Research Association Biological Sciences Through University of Delaware Through Duke University Through Council on Undergraduate Research Through Kansas State University | CE ADMINISTRATION ES E HUMANITIES NSF082008 ULRF 11-0817-02 9500009448 BL-4529718-UK CIF-C-28 27181 EF-0830093 | 45.160 45.313 47.041 47.041 47.049 47.049 47.050 47.070 47.070 47.070 47.070 47.070 47.074 47.074 47.074 47.074 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 3,494,138 63,401 11,724 1,078,202 48,154 38,806 17,660 2,160,693 7,493 82,630 6,551 43,720 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc Mathematical and Physical Sciences Through University of Louisville Geosciences Computer and Information Science and Engineering Through BBN Technologies Through Indiana University Through Computing Research Association Biological Sciences Through University of Delaware Through University of Delaware Through Duke University Through Council on Undergraduate Research Through Kansas State University Social, Behavioral, and Economic Sciences | CE ADMINISTRATION ES E HUMANITIES NSF082008 ULRF 11-0817-02 9500009448 BL-4529718-UK CIF-C-28 27181 EF-0830093 Q01 S12051 | 45.160 45.313 47.041 47.041 47.049 47.049 47.050 47.070 47.070 47.070 47.070 47.070 47.074 47.074 47.074 47.074 47.074 47.075 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 3,494,138 63,401 11,724 1,078,202 48,154 38,806 17,660 2,160,693 7,493 82,630 6,551 43,720 397,257 |
| SUBTOTAL NATIONAL AERONAUTICS & SPAC NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc Mathematical and Physical Sciences Through University of Louisville Geosciences Computer and Information Science and Engineering Through BBN Technologies Through Indiana University Through Computing Research Association Biological Sciences Through University of Delaware Through Duke University Social, Behavioral, and Economic Sciences Through Duke University | CE ADMINISTRATION ES E HUMANITIES NSF082008 ULRF 11-0817-02 9500009448 BL-4529718-UK CIF-C-28 27181 EF-0830093 Q01 S12051 12-NSF-1085 | 45.160 45.313 47.041 47.041 47.049 47.050 47.070 47.070 47.070 47.070 47.070 47.070 47.074 47.074 47.074 47.074 47.074 47.075 47.075 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 3,494,138 63,401 11,724 1,078,202 48,154 38,806 17,660 2,160,693 7,493 82,630 6,551 43,720 397,257 44,040 |
| SUBTOTAL NATIONAL AERONAUTICS & SPACE NATIONAL ENDOWMENT FOR THE HUMANITI Promotion of the Humanities Fellowships and Stipends Laura Bush Librarians for the 21st Century SUBTOTAL NATIONAL ENDOWMENT FOR THE NATIONAL SCIENCE FOUNDATION Engineering Grants Through Direct i2i Technologies Inc Mathematical and Physical Sciences Through University of Louisville Geosciences Computer and Information Science and Engineering Through BBN Technologies Through Indiana University Through Computing Research Association Biological Sciences Through University of Delaware Through University of Delaware Through Duke University Through Council on Undergraduate Research Through Kansas State University Social, Behavioral, and Economic Sciences | CE ADMINISTRATION ES E HUMANITIES NSF082008 ULRF 11-0817-02 9500009448 BL-4529718-UK CIF-C-28 27181 EF-0830093 Q01 S12051 | 45.160 45.313 47.041 47.041 47.049 47.049 47.050 47.070 47.070 47.070 47.070 47.070 47.074 47.074 47.074 47.074 47.074 47.075 | 2,640,553 50,397 (376) 50,021 1,599,663 4,023 3,494,138 63,401 11,724 1,078,202 48,154 38,806 17,660 2,160,693 7,493 82,630 6,551 43,720 397,257 |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|---|--|-----------------------------|-------------------------|
| Through Eastern Kentucky University | 452302-13-259 | 47.076 | 6,691 |
| Through Puget Sound Center for Teaching | PSCTLT-SCHEFF-08 | 47.076 | 3,588 |
| Through University of Louisville | ULRF08-0891-04 | 47.076 | 51,787 |
| Office of International and Integrative Activities | | 47.079 | 53,987 |
| Office of Cyberinfrastrucure | | 47.080 | 349,398 |
| Office of Experimental Program to Stimulate Competitive Resea | arch | 47.081 | 3,446,650 |
| Through Clemson University | 1573-206-2008707 | 47.081 | 26,207 |
| ARRA-Trans-NSF Recovery Act Research Support | | 47.082 | 2,225,623 |
| Through ARRA-Columbia University | 1(ACCT #5-24688) | 47.082 | 11,473 |
| Through ARRA-DePaul University | 500733SG067 | 47.082 | 29,524 |
| Through ARRA-BBN Technologies | PO # 9500010143 | 47.082 | 163,303 |
| Through ARRA-University of Southern Mississippi | USM-GR03690-001 | 47.082 | 43,625 |
| SUBTOTAL NATIONAL SCIENCE FOUNDATION | | | 17,051,592 |
| ENVIRONMENTAL PROTECTION AGENCY | | | |
| Through American Rivers | EPA022013 | 66.050 | 2,065 |
| Targeted Watershed Grants | | 66.439 | 10,300 |
| Through Kentucky Energy and Environment Cabinet | PON2 129 1200002602 | 66.454 | 21,536 |
| Through Kentucky Energy and Environment Cabinet | M-05172090 | 66.460 | (826) |
| Through Kentucky Energy and Environment Cabinet | PO2 590 0700010583 | 66.460 | 1,766 |
| Through Kentucky Energy and Environment Cabinet | PON2 129 1100001694 | 66.460 | (157) |
| Through Kentucky Energy and Environment Cabinet | PON2 129 1200002602 | 66.460 | 20,768 |
| Science To Achieve Results (STAR) Research Program | | 66.509 | 97,484 |
| Office of Research and Development Consolidated Research/Training/Fellowships | | 66.511 | 244,140 |
| P3 Award: National Student Design Competition for Sustainabil | ity | 66.516 | 10,578 |
| Environmental Protection Agency Contract | EP-12-D-000386 | 66.EP-12-D-000386 | 11,170 |
| SUBTOTAL ENVIRONMENTAL PROTECTION AC | GENCY | | 418,824 |
| DEPARTMENT OF ENERGY | | | |
| Through Battelle Energy Alliance LLC | 0129388 | 81.0129388 | 142,340 |
| Office of Science Financial Assistance Program | | 81.049 | 1,971,412 |
| Through Duke University | 08-SC-NICCR-1073 | 81.049 | 13,907 |
| Through Green Technology Limited Company | DE-SC0006378 | 81.049 | 143,309 |
| Through University of Chicago | FP048826 | 81.049 | 84,454 |
| Through Cornell University | SUBAWARD #: 63079-9708 | 81.049 | 128,933 |
| Through University of Louisville | ULRF 05-1231C | 81.079 | (290) |
| Renewable Energy Research and Development | | 81.087 | 212,739 |
| Through West Virginia University | 10-733-UKRF | 81.087 | 513,616 |
| Through Morehead State University | 2010-11-072-001 | 81.087 | 6,495 |
| Through South Dakota State University | 3TE153 | 81.087 | 16,653 |
| Through Consortium for Plant Biotechnology Research Inc | GO12026-325 | 81.087 | 55,987 |
| Fossil Energy Research and Development | 0012020 020 | 81.089 | 2,265,171 |
| Through Battelle Memorial Institute Columbus Operations | 202290 | 81.089 | 364 |
| Through Pennsylvania State University | 202290 2983-UK-DOE-1874PSU L | | 302 |
| Through Virginia Polytechnic Institute and State University | 429307-19660 | 81.089 | 172,056 |
| | | | |
| Through Virginia Polytechnic Institute and State University | CR-19108-429182 | 81.089 | 726 |
| Through Center for Advanced Separation | DE-FE0000699 | 81.089 | 4,225 |
| Through CoalTek Incorporated | DE-FE0005293 | 81.089 | 112,803 |
| Through Novozymes North America Inc | DE-FE0007741 | 81.089 | 226,948 |
| Environmental Restoration | | 81.092 | 537,360 |
| Through Idaho State University | 09-265E TASK ORDER 000 | 79 81.09-265E TASK ORDER 00 | 079 37,433 |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|--|--|---------------------------|-------------------------|
| Through Kentucky Energy and Environment Cabinet | PON2 129 1000003622 | 81.104 | (3,428) |
| Stewardship Science Grant Program | | 81.112 | 137,980 |
| Through University of Houston | R-10-0030 | 81.117 | 237,703 |
| Through ARRA-Kentucky Public Service Commission | PON2 123 1000002983 | 81.122 | (5,665) |
| Through ARRA-University of Illinois | 2010-00636-01 A2349 | 81.132 | 87,586 |
| ARRA-Advanced Research Projects Agency - Energy | | 81.135 | 431,980 |
| Through University of California, Berkeley | 00007863 | 81.135 | 157,831 |
| Through ARRA-Pennsylvania State University | 4199-UK-DOE-0092 | 81.135 | 148,440 |
| Through Texas AgriLife Research | 570792 | 81.135 | 188,710 |
| Through ITN Energy Systems Incorporated | DE-AR0000260 | 81.135 | 69,949 |
| Through Battelle Memorial Institute Columbus Operations | 228857 | 81.228857 | 15,338 |
| Through University of Michigan | 3001318173 | 81.3001318173 | 1,185 |
| Through Oak Ridge National Laboratory | 4000100512 | 81.4000100512 | 13,097 |
| Through Oak Ridge National Laboratory | 4000103052 | 81.4000103052 | 9,658 |
| Through Oak Ridge National Laboratory | 4000103637 | 81.4000103637 | 79,754 |
| Through Oak Ridge National Laboratory | 4000120600 | 81.4000120600 | 9,613 |
| Department of Energy Contract | DE-NT0005988 | 81.DE-NT0005988 | 1,065,798 |
| Through Kentucky Energy and Environment Cabinet | M-04575924 | 81.M-04575924 | 6,627 |
| Through Argonne National Laboratory | OF33642 | 81.OF33642 | 8,686 |
| Through TDA Research Incorporated | UKRF 11.01 | 81.UKRF 11.01 | 117,715 |
| Through Battelle Memorial Institute | US001-0000378113 | 81.US001-0000378113 | 412 |
| SUBTOTAL DEPARTMENT OF ENERGY | | | 9,425,912 |
| DEPARTMENT OF EDUCATION | | | |
| National Institute on Disability and Rehabilitation Research | | 84.133 | 43,390 |
| Through Gallaudet University | 0000021918 | 84.133 | 7,176 |
| Education Research, Development and Dissemination | | 84.305 | 318,210 |
| Through Duke University | 10-ED-1097 | 84.305 | 108,230 |
| Research in Special Education | | 84.324 | 330,992 |
| Through University of South Carolina | 12-2108 PO#42179 | 84.324 | 58,949 |
| Special Education Personnel Development to Improve Services Results for Children with Disabilities Special Education Technology and Media Services for Individua | | 84.325 84.327 | 9,102 (3,141) |
| with Disabilities | | | |
| Through University of Oregon | 223811A | 84.327 | 42,997 |
| Through Georgetown College | DOE062013 DOE072012 | 84.365 84.365 | 3,555 |
| Through Georgetown College Through Kentucky Education and Workforce Development Cal | | 84.367 | 30,638 8,198 |
| Through Kentucky Council on Postsecondary Education | PO2 415 1100002582 | 84.367 | 11,880 |
| Through Kentucky Education and Workforce Development Cal | | 84.369 | 66 |
| Through Kentucky Education and Workforce Development Cal | | 84.371 | 67,452 |
| Through Kentucky Education Professional Standards Board | PO2 183 1000004913 | 84.372 | (822) |
| SUBTOTAL DEPARTMENT OF EDUCATION | | | 1,036,872 |
| DEPARTMENT OF HEALTH AND HUMAN SERV | ICES | | |
| Through Kentucky Cabinet for Health and Family Services | M-06169162 | 93.048 | (1,382) |
| Through Kentucky River Community Care Inc | ACF022013 | 93.087 | 60,410 |
| Through National Institute for Pharmaceutical Technology | NIPTE-U01-KY-001-2012 | 93.103 | 58,803 |
| Through National Institute for Pharmaceutical Technology | NIPTE-U01-KY-002-2012 | 93.103 | 3,049 |
| Environmental Health | | 93.113 | 1,644,994 |
| Through Columbia University | 4(GG005166) | 93.113 | 6,367 |
| Through Scout Diagnostics, LLC | NIEHS112012 | 93.113 | 16,385 |
| | 0 | | |

| FEDERAL GRANTOR/PASS-THROUGH | ENTITY IDENTIFYING | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|---|-------------------------|---------------------------|-------------------------|
| | · | | |
| Through Wayne State University | WSU12085 | 93.113 | 70,951 |
| Applied Toxicological Research and Testing | 10005 | 93.114 | (14,806) |
| Through University of Cincinnati | 19625 | 93.114 | (3,258) |
| Oral Diseases and Disorders Research | | 93.121 | 130,865 |
| Through Four Tigers LLC | NIDCR022013 | 93.121 | 4,837 |
| Through Oraceuticals Inc | NIHR412011 | 93.121 | 1,849 |
| Injury Prevention and Control Research and State and Communi Based Programs Through Kentucky Cabinet for Health and Family Services | ty M-05316398 | 93.136 93.136 | 480,022 209 |
| NIEHS Superfund Hazardous Substances Basic Research and | M 00010000 | 93.143 | 1,752,677 |
| Education | | 30.143 | 1,702,077 |
| Through University of North Carolina | 5-32779 | 93.172 | 84,734 |
| Research Related to Deafness and Communication Disorders | | 93.173 | 938,504 |
| Through University of Michigan | 3001396589 | 93.173 | 57,830 |
| Through Indiana University | BL-4633516-UK PO#123266 | 63 93.173 | 40,343 |
| Through Children's Hospital Medical Center | PO#3100287147 130990 | 93.173 | 35,360 |
| Department of Health and Human Services Contract | 200-2009-30678 | 93.200-2009-30678 | 265,968 |
| Department of Health and Human Services Contract | 200-2011-40628 | 93.200-2011-40628 | 226,004 |
| Through University of Virginia | GC12121-140350 | 93.211 | 3,132 |
| Through University of Virginia | GC12121-141667 | 93.211 | 11,879 |
| Research and Training in Complementary and Alternative Medici | ine | 93.213 | 95,860 |
| Through Ohio State University | 60035714 / R01 AT004922 | 93.213 | 93,730 |
| Through Naprogenix AgTeCC | NAPROGENIX-UKRF 10-01 | | 157,127 |
| Through American College of Surgeons | 1 R01 HS12029-01 | 93.226 | (70) |
| National Center on Sleep Disorders Research | | 93.233 | 474,978 |
| Policy Research and Evaluation Grants | | 93.239 | 11 |
| Mental Health Research Grants | | 93.242 | 707,264 |
| Through University of Notre Dame | 201705 | 93.242 | 33,328 |
| Through Medical University of South Carolina | MUSC11-026 | 93.242 | 70,203 |
| Through Catholic Social Services of the Diocese | 5H79SM059210-03 | 93.243 | 26,176 |
| Through HOPE Center of Lexington | CSAT-MEN | 93.243 | 51,800 |
| Through Kentucky Cabinet for Health and Family Services | PO2 729 1200003482 | 93.243 | 16,641 |
| Through Kentucky Cabinet for Health and Family Services | PON2 729 1200002821 | 93.243 | 96,954 |
| Department of Health and Human Services Contract | 254-2012-M-53283 | 93.254-2012-M-53283 | 78,258 |
| Occupational Safety and Health Program | 204 2012 11 00200 | 93.262 | 1,488,906 |
| Alcohol Research Programs | | 93.273 | 2,261,142 |
| Through University of Pittsburgh | 109620-2 | 93.273 | 36 |
| Through University of Mississippi | 66100080712-UKY01 | 93.273 | 9,208 |
| Through University of Tennessee | 9000010391/9000008357 | 93.273 | 18,587 |
| Through Naprogenix AgTeCC | NAPROGENIX-UKRF 10-1-0 | | 24,105 |
| Through Naprogenix AgTeCC | NAPROGENIX-UKRF 8-01-0 | | 24,103 |
| Through Naprogenix AgTeCC | NIAAA082010 | 93.273 | 63,030 |
| Through Northern Kentucky University | NKU-UKRF-4000644-01 | | 4,719 |
| Through University of Georgia | | 93.273 93.273 | |
| с , _с | RR274-346/3503288 | 93.275 | 24,686 |
| Through Kentucky Justice and Public Safety Cabinet | PON2 527 1300001431 | | 38,559 |
| Drug Abuse and Addiction Research Programs | 11 00001 #265504 | 93.279 | 8,673,898 |
| Through New York University School of Medicine | 11-00991; #265504 | 93.279 | 13,848 |
| Through New York University School of Medicine | 11-00991;PROJECT #26550 | | 30,952 |
| Through University of Arkansas | 39672 | 93.279 | 113,242 |
| Through Boston University | 4500000109 | 93.279 | 151,613 |
| Through Health Decision Technologies LLC | 8533-1, 112390-00001-03 | 93.279 | 63,175 |
| Through University of Cincinnati | COEUS # 7073 5U10DA013 | | 152,930 |
| Through University of Cincinnati | COEUS# 7073, 3U10DA013 | | 75,310 |
| Through University of Arkansas | G250108202 | 93.279 | 50 |

| FEDERAL GRANTOR/PASS-THROUGH | PASS-THROUGH ENTITY IDENTIFYING | FEDERAL CFDA | FEDERAL |
|---|------------------------------------|------------------|--------------------|
| GRANTOR/PROGRAM OR CLUSTER TITLE | NUMBER | NUMBER | EXPENDITURES |
| Through Alcomed Incorporated | NIH052011 | 93.279 | 54,643 |
| Through Alcomed Incorporated | NIH052012 | 93.279 | 99,574 |
| Through AntiOp Incorporated | NIH052013 | 93.279 | 25,678 |
| Through AllTranz | NIH102012 | 93.279 | 38,217 |
| Through University of Tennessee | R073223387 | 93.279 | (142) |
| Through University of Georgia | RR274-332/3506508 | 93.279 | 22,931 |
| Through University of Georgia | RR274-381/4785666 | 93.279 | 16,689 |
| Through University of Georgia | RR274-403/4895506 | 93.279 | 9,810 |
| Through University of Louisville | ULRF 10-0085 | 93.279 | 22,901 |
| Through Kentucky Cabinet for Health and Family Services | PON2 728 1200002278 | 93.283 | 115,741 |
| Discovery and Applied Research for Technological Innovations Improve Human Health Minority Health and Health Disparities Research | to | 93.286 93.307 | 555,028 618,554 |
| Trans-NIH Research Support | | 93.310 | 482,270 |
| Through University of Michigan | 3000691501-RPT | 93.310 | 222,702 |
| National Center for Advancing Translational Sciences | | 93.350 | 908,714 |
| Through ParaTechs Corp | 8R44OD010958-03 | 93.351 | 14,815 |
| Nursing Research | 01140201033003 | 93.361 | 633,854 |
| Through NACC/University of Washington | 737298 | 93.361 | 18,970 |
| Through University of Missouri | C00036084-2 | 93.361 | 224 |
| Through University of Missouri | C00039341-1 | 93.361 | 31,492 |
| National Center for Research Resources | | 93.389 | 6,343,864 |
| Through Miami University | HERSHBERGER-NIH-UKF | | 24,261 |
| Through University of Louisville | OGMB090109B1-UKY | 93.389 | (1,183) |
| Cancer Cause and Prevention Research | | 93.393 | 1,651,619 |
| Through University of Massachusetts | 6114214/RFS900200 | 93.393 | 62,921 |
| Through University of Miami | M162542 | 93.393 | 1,278 |
| Through Pennsylvania State University | UKY-CA140335 | 93.393 | 26,116 |
| Cancer Detection and Diagnosis Research | | 93.394 | 789,584 |
| Cancer Treatment Research | | 93.395 | 1,979,138 |
| Through National Childhood Cancer Foundation | 020742 | 93.395 | 29,785 |
| Through American College of Radiology | 0526 | 93.395 | 29,459 |
| Through St Jude Children's Research Hospital | 111495030-7481426 | 93.395 | 24,213 |
| Through The Gynecologic Oncology Group | 27469-060 | 93.395 | 85,815 |
| Through University of South Florida | 6145-1028-00-C | 93.395 | 43,666 |
| Through Southwest Oncology Group | CA32102 | 93.395 | 8,516 |
| Through Children's Hospital of Philadelphia | FP00013013_SUB101_01 | 93.395 | 76,344 |
| Through Children's Hospital of Philadelphia | FP00013013_SUB477_01 | 93.395 | 6,049 |
| Through Children's Hospital of Philadelphia | FP00013013_SUB508_01 | 93.395 | 12,308 |
| Through Children's Hospital of Philadelphia | FP00013087_SUB100_01 | 93.395 | 22,137 |
| Through Children's Hospital of Philadelphia | FP00013744_SUB171_01 | 93.395 | 10,525 |
| Through Exatherm LLC | NIH072011 | 93.395 | 75,460 |
| Through NSABP Foundation | TIND 182 | 93.395 | 24,513 |
| Cancer Biology Research | | 93.396 | 1,778,818 |
| Through University of Connecticut Health Center | UCH6-26256088 | 93.396 | 44,192 |
| Cancer Centers Support Grants | | 93.397 | 15,644 |
| Cancer Research Manpower | | 93.398 | 285,599 |
| Through Southwest Oncology Group | CA37429 | 93.399 | 329 |
| Through Southwest Oncology Group | PCPT 9322 | 93.399 | (888) |
| Through NSABP Foundation | PFED26-KEN-01 | 93.399 | 17,344 |
| Through Washington University | WU-13-126 PO2917010W | 93.399 | 6,284 |
| Through Washington University | WU-HT-12-20 PO2917246 | 6T 93.399 | 12,180 |
| Through KentuckyCAN Inc | 200-2012-52497 | 93.521 | 55,391 |

| FEDERAL GRANTOR/PASS-THROUGH | ENTITY IDENTIFYING | FEDERAL CFDA | FEDERAL |
|---|------------------------|--------------------|--------------|
| GRANTOR/PROGRAM OR CLUSTER TITLE | NUMBER | NUMBER | EXPENDITURES |
| Through Kentucky Cabinet for Health and Family Services | PON2 736 1000003631 | 93.558 | (1,402) |
| Through Kentucky Cabinet for Health and Family Services | PON2 736 1200002220 | 93.558 | 5,176,406 |
| Department of Health and Human Services Contract | 5R01AI078756-05 | 93.5R01Al078756-05 | 291,050 |
| Department of Health and Human Services Contract | 5R01GM102129-02 | 93.5R01GM102129-02 | 186,294 |
| Strong Start for Mothers and Newborns | | 93.611 | 112,331 |
| Through Kentucky Cabinet for Health and Family Services | PO2 729 1000004763 | 93.630 | (397) |
| Through Kentucky Cabinet for Health and Family Services | PON2 729 1200001693 | 93.630 | 117,720 |
| Through Eastern Kentucky University | 452514-13-135 | 93.658 | 20,593 |
| ARRA-Non-Construction Grants | | 93.701 | 4,965,970 |
| Through ARRA-University of Florida | 00081712 UF09174 | 93.701 | 39,455 |
| Through ARRA-University of Pittsburgh | 0015124 PROJECT # 1167 | | 1,839 |
| Through ARRA-West Virginia University | 09-726ARRA-UKRF | 93.701 | 431 |
| Through ARRA-Duke Clinical Research Institute | 173530 | 93.701 | 4,907 |
| Through ARRA-University of California, San Diego | 23-UKL ADNI-GO | 93.701 | 25,979 |
| Through ARRA-University of Michigan | 3001413335-PNT | 93.701 | (5,323) |
| Through ARRA-National Development and Research | NDRI PROJ 612B PO 4782 | | 18,086 |
| Through ARRA-University of Texas Health Science Center at Sa Antonio | n 00075121 | 93.728 | 105,443 |
| Cardiovascular Diseases Research | | 93.837 | 4,425,129 |
| Through New York University School of Medicine | 10-01073 | 93.837 | 5,874 |
| Through Biomedical Development Corporation | 12-0972-F2L | 93.837 | 53,245 |
| Through University of Virginia | GC11696-130247 | 93.837 | (633) |
| Through W-Z Biotech LLC | NIH032013 | 93.837 | 9,815 |
| Through Duke Clinical Research Institute | NIH082012 | 93.837 | 11,560 |
| Through W-Z Biotech LLC | NIH122011 | 93.837 | 29,598 |
| Through Carl T. Hayden Medical Research Foundation | R01HL094775 | 93.837 | 2,704 |
| Through Duke University | SPS 101834 | 93.837 | (303) |
| Lung Diseases Research | | 93.838 | 1,033,140 |
| Through University of Michigan | 3002442423 | 93.838 | 35,830 |
| Through Lovelace Biomedical and Environmental Research Insti | tute JK121185 | 93.838 | 14,167 |
| Blood Diseases and Resources Research | | 93.839 | 399,304 |
| Through National Marrow Donor Program | 0901 | 93.839 | 27,372 |
| Arthritis, Musculoskeletal and Skin Diseases Research | | 93.846 | 2,315,489 |
| Through Johns Hopkins University | 2001073065 | 93.846 | 45,145 |
| Through Ohio State University | 60032679/R01AR055563 | 93.846 | 1,168 |
| Through Ohio State University | 60032699/R01AR055563 | 93.846 | 23,342 |
| Through University of Iowa | PO# 1000885508 | 93.846 | 936 |
| Diabetes, Digestive and Kidney Diseases Extramural Research | | 93.847 | 4,301,750 |
| Through University of North Carolina | 5-31706 | 93.847 | 1,419 |
| Through University of South Florida | HHSN267200800019C | 93.847 | (361) |
| Through Lexington Biomedical Research Institute | NIH062012 | 93.847 | 85,831 |
| Through Lexington Biomedical Research Institute | NIH072012 | 93.847 | 6,268 |
| Through University of North Texas Health Science Center | RN0065-2012-001 | 93.847 | 75,820 |
| Through Washington University in St. Louis | WU-13-238 | 93.847 | 37,197 |
| Extramural Research Programs in the Neurosciences and Neurological Disorders | | 93.853 | 7,086,414 |
| Through University of Texas Health Science | 116444/115709 | 93.853 | (111) |
| Through Signal Solutions LLC | 1R43NS083218-01 | 93.853 | 15,539 |
| Through Massachusetts General Hospital | 2003A009773/214300 | 93.853 | 18,257 |
| Through University of Michigan | 3000691501-RPT | 93.853 | (559) |
| Through University of Michigan | 3000770498-ALIAS | 93.853 | 47,936 |
| Through University of Michigan | 3001300372-PIII | 93.853 | 63,930 |
| Through University of Michigan | 3001413335-PNT | 93.853 | 30,839 |
| Through University of Michigan | 3001922357-BPT | 93.853 | 5,507 |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | ENTITY IDENTIFYING | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|--|--------------------------|---------------------------|-------------------------|
| Through University of Michigan | 3002112003-SHN | 93.853 | 70,482 |
| Through University of Pennsylvania | 543952 | 93.853 | (52) |
| Through University of California, San Francisco | 558055-24034 | 93.853 | (22,847) |
| Through Yale University | A07868 (M07A00656) | 93.853 | 6,197 |
| Through Yale University | A08082 (M10A10562) | 93.853 | 2,187 |
| Through University of British Columbia | F09-04888 | 93.853 | 10,987 |
| Through Yale University | M07A00656 (A08383) | 93.853 | 4,435 |
| Through Yale University | M10A10562 (A08580) | 93.853 | 6,088 |
| Through Yale University | M10A10562 (A09014) | 93.853 | 23,591 |
| Through Columbia University | U01 NS043975 | 93.853 | 1,711 |
| Through Washington University | WU-04-147 | 93.853 | (845) |
| Allergy, Immunology and Transplantation Research | WO-04-147 | 93.855 | 3,568,100 |
| Through University of Pittsburgh | 0011210, 115316-1 | 93.855 | 316,190 |
| Through Cornell University | 13070868 | 93.855 | 2,687 |
| Through University of Chicago | 37045 | 93.855 | 90,241 |
| 5 , 5 | | | |
| Through University of North Carolina | 5-32387 | 93.855 | 96,964 |
| Through University of North Carolina | 5-33339 | 93.855 | 55,942 |
| Through MosquitoMate Incorporated | NIH102012 | 93.855 | 4,047 |
| Through Washington University | WU-09-57 PO2904914N | 93.855 | 227,590 |
| Microbiology and Infectious Diseases Research | | 93.856 | 104,158 |
| Through Washington University | 29634S/WU-002-109 | 93.856 | (2,615) |
| Through Duke University | 303-0107 | 93.856 | (147) |
| Through Planet Biotechnology Incorporated | NIH082011 | 93.856 | (574) |
| Biomedical Research and Research Training | | 93.859 | 5,329,113 |
| Through Benaroya Research Institute | FY12197602 | 93.859 | 22,610 |
| Through University of Louisville | OGMB090109C1-UKY-A | 93.859 | 318,553 |
| Through University of Minnesota | P657611701 | 93.859 | 67,854 |
| Through Rice University | R22303 | 93.859 | 5,817 |
| Through University of Louisville | UL050113 | 93.859 | 59,704 |
| Child Health and Human Development Extramural Research | | 93.865 | 1,809,083 |
| Through Children's Hospital Medical Center | 109868 | 93.865 | 16,459 |
| Through University of Illinois | 2010-06423-01-00 | 93.865 | 28,909 |
| Through NACC/University of Washington | 736904 | 93.865 | 6,713 |
| Through Palo Alto University | BALSAM-R01HD069370-SC | UK 93.865 | 8,583 |
| Through Medical University of South Carolina | MUSC11-011 | 93.865 | 9 |
| Through Alkymos Inc | NIH082011 | 93.865 | 32,569 |
| Aging Research | | 93.866 | 8,352,716 |
| Through University of Pittsburgh | 0010382 (407708-1) | 93.866 | 75,440 |
| Through Arizona State University | 08-913 | 93.866 | 18,383 |
| Through University of Illinois | 2008-03931-06-03 | 93.866 | 268,012 |
| Through East Carolina University | 212561-WRIGHT | 93.866 | 27,024 |
| Through University of California, San Diego | 23LL 23-00 | 93.866 | (2) |
| Through Scout Diagnostics, LLC | 5R24AG030239-03 | 93.866 | 162,635 |
| Through NACC/University of Washington | 741817 PROJECT 2012-13 | 93.866 | 15,618 |
| Through NACC/University of Washington | 741817 UDS PROJECT | 93.866 | 26,048 |
| Through University of California, San Diego | ADC-030 | 93.866 | 26,263 |
| Through University of California, San Diego | ADC-031 | 93.866 | 934 |
| Through University of California, San Diego | ADC-037 | 93.866 | 1,697 |
| Through University of California, San Diego | ADC-039 | 93.866 | 114,852 |
| Through Seattle Institute for Biomedical and Clinical Research | | 93.866 | 166,486 |
| Through University of California, San Diego | CSSA 23-UKL-IGIV M-00-AE | | 29,832 |
| | | | 20,002 |
| Through CoPlex Therapeutics LLC | NIA112012 | 93.866 | 34,211 |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|---|--|--|-------------------------|
| Vision Research | | 93.867 | 2,693,065 |
| Through University of Connecticut Health Center | 110204 | 93.867 | 952 |
| Through Brockman Hastings LLC | 1R43EY021940-01-A | 93.867 | 22,675 |
| Through St Luke's Roosevelt Institute for Health Sciences | NIH032012 | 93.867 | 5,092 |
| Through University of Dayton Research Institute | RSC12039 | 93.867 | 48,163 |
| Grants for Training in Primary Care Medicine and Dentistry | | 93.884 | 14,499 |
| Through Trover Clinic Foundation | HRSA082011 | 93.912 | 689 |
| Through Kentucky Cabinet for Health and Family Services | M-50117244 | 93.959 | 100 |
| Through Kentucky Cabinet for Health and Family Services | PO2 729 1200003482 | 93.959 | 709,076 |
| PPHF-2012 Geriatric Education Centers | | 93.969 | (12) |
| Through Kentucky Cabinet for Health and Family Services | PO2 728 1100004842 | 93.994 | (905) |
| Through Kentucky Cabinet for Health and Family Services | PO2 728 1200004963 | 93.994 | 4,865 |
| Department of Health and Human Services Contract | HHSN261200700019C | 93.HHSN261200700019C | 8,426 |
| Department of Health and Human Services Contract | HHSN271201100710P | 93.HHSN271201100710P | 103,450 |
| Through Duke University | HHSN272201100025C | 93.HHSN272201100025C | 155 |
| Department of Health and Human Services Contract | HHSN276201000725P | 93.HHSN276201000725P | 18,944 |
| Through Naprogenix AgTeCC | NAPROGRENIX 2012 | 93.NAPROGRENIX 2012 | 33,806 |
| Through National Childhood Cancer Foundation | NCI071508 | 93.NCI071508 | (34,333) |
| Through Bavarian Nordic | POX-MVA-010 | 93.POX-MVA-010 | (12,195) |
| Through Bavarian Nordic | POX-MVA-024 | 93.POX-MVA-024 | 21,300 |
| Through Duke University | SPS 102970 | 93.SPS 102970 | 4,647 |
| SUBTOTAL DEPARTMENT OF HEALTH AND HU | JMAN SERVICES | | 94,946,317 |
| DEPARTMENT OF HOMELAND SECURITY | | | |
| Through Kentucky Cabinet for Health and Family Services | PO2 728 1200004525 | 97.002 | 131,908 |
| Through National Institute for Hometown Security | 01-10-UK | 97.01-10-UK | 32,090 |
| Through National Institute for Hometown Security | 02-09-UK | 97.02-09-UK | 714,668 |
| Through National Institute for Hometown Security | 02-10-UK | 97.02-10-UK | 694,547 |
| Through National Institute for Hometown Security | 03-09-UK | 97.03-09-UK | 516,495 |
| Through University of Louisville | ULRF 13-1097-01 | 97.039 | 2,829 |
| Through Kentucky Cabinet for Health and Family Services | M-05151245 | 97.040 | (515) |
| Through National Institute for Hometown Security | 04-09-UK | 97.04-09-UK | 883,843 |
| Through University of Southern California | 160002 | 97.061 | 2,133 |
| Through University of Southern California | 33775811 PO 10010594 | 97.061 | 22,441 |
| Through University of Minnesota | P001955409 | 97.061 | 121,118 |
| Through Kansas State University | S11199 | 97.061 | 45,783 |
| Through University of Louisville | 090446Z01 | 97.090446Z01 | 75,024 |
| Through National Institute for Hometown Security | 09-07-UK | 97.09-07-UK | (21,063) |
| Through National Institute for Hometown Security | 10-07-UK | 97.10-07-UK | 6,040 |
| Through National Institute for Hometown Security | 12-07-UK | 97.12-07-UK | 1,540,000 |
| Through National Institute for Hometown Security | 16-07-UK | 97.16-07-UK | 138,280 |
| Through Flashscan 3D | HSHQDC-11-C-00115 | 97.HSHQDC-11-C-00115 | 74,479 |
| Through University of Louisville Through Western Kentucky University | ULRF 08-0292-01 WKURF 547103-10-001 | 97.ULRF 08-0292-01 97.WKURF 547103-10-001 | 72,253 33,830 |
| SUBTOTAL DEPARTMENT OF HOMELAND SEC | | | 5,086,183 |
| | | | 3,000,103 |
| US AGENCY FOR INTERNATIONAL DEVELOPI Through Vanderbilt University | 18815-S2 | 98.18815-S2 | (2,427) |
| | | | |
| SUBTOTAL US AGENCY FOR INTERNATIONAL | | | (2,427) |
| TOTAL RESEARCH AND DEVELOPMEN | NT CLUSTER | | <u>157.676.770</u> |
| | 11 | | |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | | FEDERAL EXPENDITURES |
|--|--------|-------------------------|
| STUDENT FINANCIAL AID CLUSTER | | |
| DEPARTMENT OF EDUCATION | | |
| Nurse Faculty Loan Program | 93.264 | 119,955 |
| SUBTOTAL DEPARTMENT OF EDUCATION | | 119,955 |
| DEPARTMENT OF EDUCATION | | |
| Federal Supplemental Educational Opportunity Grants | 84.007 | 463,450 |
| Federal Work-Study Program | 84.033 | 1,149,930 |
| Federal Perkins Loan Cancellations | 84.038 | 21,836,129 |
| Federal Pell Grant Program | 84.063 | 21,355,389 |
| Federal Direct Student Loans | 84.268 | 166,713,037 |
| SUBTOTAL DEPARTMENT OF EDUCATION | | 211,517,935 |
| DEPARTMENT OF HEALTH AND HUMAN SERVICES | | |
| Health Careers Opportunity Program | 93.342 | 5,630,647 |
| SUBTOTAL DEPARTMENT OF HEALTH AND HUMAN SERVICES | 6 | 5,630,647 |
| TOTAL STUDENT FINANCIAL AID CLUSTER | | 217,268,537 |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|--|--|---------------------------|-------------------------|
| OTHER FEDERAL ASSISTANCE | _ | _ | |
| SNAP CLUSTER | | | |
| Through Kentucky Cabinet for Health and Family Services | PO2 736 1300002697 | 10.561 | 2,261,465 |
| SUBTOTAL SNAP CLUSTER | | | 2,261,465 |
| HIGHWAY PLANNING AND CONSTRUCTION CLUSTE | R | | |
| Through Kentucky Transportation Cabinet | FRT NO 171 | 20.205 | 64,005 |
| Through Northwestern University | PROJ0000173 | 20.205 | 38,173 |
| SUBTOTAL HIGHWAY PLANNING AND CONSTRUCTION | ON CLUSTER | | 102,178 |
| HIGHWAY SAFETY CLUSTER | | | |
| Through Kentucky Transportation Cabinet | PO2 625 1300001620 | 20.601 | 34,695 |
| SUBTOTAL HIGHWAY SAFETY CLUSTER | | | 34,695 |
| SPECIAL EDUCATION CLUSTER (IDEA) | PON2 540 1200002841 | 84.027 | 10.422 |
| Through Georgetown College | | | 10,433 |
| Through Kentucky Education and Workforce Development Cabinet | PON2 540 1200002871 | 84.027 | 1,231,349 |
| Through Kentucky Education and Workforce Development Cabinet | PON2 540 1100002017 | 84.173 | 163,195 |
| | | | 1,404,977 |
| TRIO CLUSTER TRIO Student Support Services | | 84.042 | 276,558 |
| SUBTOTAL TRIO CLUSTER | | | |
| SCHOOL IMPROVEMENT GRANTS CLUSTER | | | 276,558 |
| Through Kentucky Education and Workforce Development Cabinet | PON2 540 1100001057 | 84.377 | 75,587 |
| SUBTOTAL SCHOOL IMPROVEMENT GRANTS CLUS | rer | | 75,587 |
| HEALTH CENTERS CLUSTER | | | 15,501 |
| Consolidated Health Centers | | 93.224 | 1,411,393 |
| SUBTOTAL HEALTH CENTERS CLUSTER | | | 1,411,393 |
| TANF CLUSTER | | | |
| Through Kentucky Cabinet for Health and Family Services | PO2 736 1200004856 | 93.558 | 2,281,322 |
| SUBTOTAL TANF CLUSTER | | | 2,281,322 |
| CCDF CLUSTER | | | |
| Through Kentucky Cabinet for Health and Family Services | PO2 736 1200004855 | 93.575 | 15,854 |
| Through Kentucky Cabinet for Health and Family Services | PO2 736 1200004968 | 93.596 | 2,593,169 |
| SUBTOTAL CCDF CLUSTER | | | 2,609,023 |
| MEDICAID CLUSTER | N 04440000 | 00 770 | 0.040.505 |
| Through Kentucky Cabinet for Health and Family Services | M-04119869 | 93.778 | 2,819,595 |
| | | | 2,819,595 |
| OTHER GRANTS Agricultural Research Basic and Applied Research | | 10.001 | 85,212 |
| Through Kentucky Department of Agriculture | PON2 035 1200003674 | 10.025 | 11,772 |
| Plant and Animal Disease, Pest Control and Animal Care | 1 0112 000 120000014 | 10.025 | 575,881 |
| | | 10.156 | 1,178 |
| Federal-State Marketing Improvement Program | PON2 035 1300001315 | 10.138 | 50,223 |
| Through Kentucky Department of Agriculture | | | |
| Through University of Florida | 1200141260 | 10.200 | 151 |
| Grants for Agricultural Research, Special Research Grants | | 10.200 | 113,465 |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|---|--|----------------------------|-------------------------|
| Through University of Georgia | RD309-101/4894876 | 10.215 | 88,487 |
| Through Texas A&M University | 451010 | 10.303 | 91,372 |
| Through Purdue University | 8000035690-AG | 10.304 | 67,172 |
| International Science and Education Grants | | 10.305 | 60,618 |
| Through Purdue University | 8000041337-AG 2010-38411 | 10.310 | 25,282 |
| Through University of Florida | UF10071 | 10.310 | 29,594 |
| Through University of Tennessee | 8500031743 | 10.310 | 9,671 |
| Through University of Wisconsin | 210K840; 129200 | 10.310 | 7,215 |
| Beginning Farmer and Rancher Development Program | | 10.311 | 290,562 |
| Through Meat Hook LLC | USDA072012 | 10.352 | 27,227 |
| Through Kansas State University | S13140 | 10.500 | 106,615 |
| Through Michigan State University | 61-4001A | 10.500 | 1,860 |
| Through National Four H Council | 2008-45201-04715 | 10.500 | 24,582 |
| Through Purdue University | 8000053242 | 10.500 | 130,948 |
| Through University of Arkansas | 21662-16 | 10.500 | 27,979 |
| Through University of Georgia | RE675-110/7877607 | 10.500 | 1,298 |
| Through University of Nebraska | 25-6365-0040-131 | 10.500 | 404,434 |
| Through University of Wyoming | UTSTUNV46448 | 10.500 | 5,271 |
| Cooperative Extension Service | | 10.500 | 11,649,147 |
| Through Kentucky Energy and Environment Cabinet | PON2 128 1200003815 | 10.664 | 118,882 |
| Through Kentucky Energy and Environment Cabinet | PON2 128 1200002731 | 10.678 | 5,055 |
| Forest Health Protection | | 10.680 | 1,832 |
| Rural Business Enterprise Grants | | 10.769 | 164 |
| Rural Energy for America Program | | 10.868 | 24,306 |
| Soil and Water Conservation | | 10.902 | 153 |
| Soil Survey | | 10.903 | 883 |
| Technical Agricultural Assistance | | 10.960 | 20,798 |
| Cochran Fellowship Program-International Training-Foreign Participant | | 10.962 | 53,281 |
| Through Altarum Institute | SC-10-013 | 10.SC-10-013 | 50,754 |
| US Department of Agriculture Contract | FSIS-C-32-2004 | 10.FSIS-C-32-2004 | 1,906,727 |
| Economic Development Technical Assistance | | 11.303 | 128,575 |
| Public Telecommunications Facilities Planning and Construction | | 11.550 | (1,702) |
| Measurement and Engineering Research and Standards | | 11.609 | 5,886 |
| ARRA-National Institute of Standards and Technology Construction Grant Program | | 11.618 | 142,733 |
| Through Kentucky Department of Military Affairs | PON2 095 1000004089 | 12.401 | (1,125) |
| Military Medical Research and Development | | 12.420 | 35,893 |
| Language Grant Program | | 12.900 | 85,376 |
| Through National Association of Child Care Resource and Referral Agencies | N-PA-HDQMWR-10-C-0040-12 | 12.N-PA-HDQMWR-10-C-0040-1 | , |
| Sustainable Communities Regional Planning Grant Program | | 14.703 | 244,418 |
| National Geological and Geophysical Data Preservation Program | | 15.814 | 39,277 |
| Through City of Frankfort | FRANK103112 | 15.904 | 14,668 |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|--|--|-----------------------------|-------------------------|
| | KASAP 072012 | 16.529 | 6,043 |
| Through National Four H Council | 2010-OJJDP-MNTR-22 | 16.726 | 7,012 |
| Through Chrysalis Inc | BJA102012 | 16.812 | 3,764 |
| Through Kentucky Justice and Public Safety Cabinet | PON2 527 1300000957 | 16.812 | 14,828 |
| Through Mountain Comprehensive Care Center | 2010-RN-BX-0004 | 16.812 | 44,210 |
| Department of Justice Contract | DJBP0109MF510001 | 16.DJBP0109MF510001 | 23,025 |
| Environmental and Scientific Partnerships and Programs | | 19.017 | 183,463 |
| Professional and Cultural Exchange Programs - Citizen Exchange | | 19.415 | 146,758 |
| Public Diplomacy Programs for Afghanistan and Pakistan | | 19.501 | 389,263 |
| General Department of State Assistance | | 19.700 | 27,142 |
| Through Kentucky Transportation Cabinet | 8780701N | 20.215 | 183,963 |
| Through National Academy of Sciences | HR 15-32A | 20.215 | 39,180 |
| Highway Training and Education | | 20.215 | 37,395 |
| Through University of Tennessee | OR10728-001.05 | 20.OR10728-001.05 | 37,618 |
| Through Greenup County Health Department | KY-17095-11 | 23.002 | 18,072 |
| Through Kentucky Cabinet for Health and Family Services | PO27281000049381 HSSJB8 | 23.002 | 330 |
| Appalachian Research, Technical Assistance and Demonstration | | 23.011 | 152,462 |
| Intergovernmental Personnel Act (IPA) Mobility Program | | 27.011 | 40,379 |
| Through Illinois State University | 11510-04890009477, RSP 0 | 42.11510-04890009477, RSP 0 | 12,816 |
| Science | | 43.001 | 24,974 |
| Education | | 43.008 | 52,524 |
| National Aeronautics Space Commission Contract | NNX10AV39A | 43.NNX10AV39A | 8,412 |
| Through American Architectural Foundation | NEA082012 | 45.024 | 37,714 |
| Through Kentucky Humanities Council | 2012-020 | 45.129 | 757 |
| Through Kentucky Department for Libraries and Archives | PO2 555 0800019959 | 45.130 | (42) |
| Promotion of the Humanities Division of Preservation and Access | | 45.149 | 110,377 |
| Through Massachusetts Historical Society | NEH022011 | 45.161 | (16,615) |
| Promotion of the Humanities Research | | 45.161 | 41,243 |
| Through Open Knowledge Commons | HUBS_KEN-NEH_001_2012 | 45.169 | 5,915 |
| Conservation Project Support | | 45.303 | 33,166 |
| Through Saint Johns University | VHMML-002 | 45.312 | 3,376 |
| National Leadership Grants | | 45.312 | 81,150 |
| Through Drexel University | 219067-3629 | 45.313 | 43,015 |
| Small Business Development Centers | | 59.037 | 1,727,303 |
| Through Kentucky Cabinet for Health and Family Services | PON2 728 1100002175 | 66.032 | (1,802) |
| Urban Waters Small Grants | | 66.440 | 16,554 |
| Through Kentucky Energy and Environment Cabinet | PON2 128 1300000613 | 66.460 | 264,483 |
| Through Kentucky Department of Agriculture | M-05090904 | 66.605 | 25,162 |
| Through University of Georgia | RE353-144/5055667 | 66.801 | (76) |
| Through Kentucky Energy and Environment Cabinet | PON2 127 1200001650 | 81.041 | 113,015 |
| Office of Science Financial Assistance Program | | 81.049 | 20,000 |
| Through ARRA-Arizona Geological Survey | KY-EE0002850 | 81.086 | 129,040 |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|--|--|---------------------------|-------------------------|
| Fossil Energy Research and Development | | 81.089 | 3,566 |
| Through Kentucky Energy and Environment Cabinet | PON2 129 1200001690 | 81.104 | 5 |
| Energy Efficiency and Renewable Energy Information Dissemination | | 81.117 | 205,380 |
| ARRA-Electricity Delivery and Energy Reliability, Research, Development and Analysis | | 81.122 | 838,579 |
| Advanced Research Projects Agency - Energy | | 81.135 | 1,400 |
| Through Kentucky Council on Postsecondary Education | PO2 415 1200006998 | 84.002 | 208,857 |
| Through Kentucky Education and Workforce Development Cabinet | PON2 540 1300001933 | 84.048 | 9,873 |
| Through Kentucky Education and Workforce Development Cabinet | PON2 531 1200003944 | 84.051 | 1,380 |
| Fund for the Improvement of Postsecondary Education | | 84.116 | 25,087 |
| Through Kentucky Education and Workforce Development Cabinet | PON2 531 1000003599 | 84.126 | 797,440 |
| Through Kentucky Office for the Blind | PON2 531 1200002643 | 84.126 | 16,444 |
| Through Kentucky Education and Workforce Development Cabinet | PON2 531 1200002815 | 84.128 | 19,282 |
| Rehabilitation Long-Term Training | | 84.129 | 364,176 |
| Through Kentucky Education and Workforce Development Cabinet | PON2 540 1200000270 | 84.323 | 261,574 |
| Through University of Louisville | ULRF 12-0222-01 | 84.323 | 4,141 |
| Through University of Tennessee | 14492-001-02 | 84.323 | 58,705 |
| Research in Special Education | | 84.324 | 399,035 |
| Through University of North Carolina | 5-54471 H325J070007 | 84.325 | 21,554 |
| Special Education Personnel Development to Improve Services and Results for Children with Disabilities | | 84.325 | 573,001 |
| Through Kentucky Education and Workforce Development Cabinet | PON2 540 1200000393 | 84.326 | 140,544 |
| Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities | | 84.326 | 1,023,666 |
| Through Kentucky Education and Workforce Development Cabinet | PON2 540 1200000348 | 84.366 | 516,650 |
| Through Kentucky Council on Postsecondary Education | PO2 415 1300003317 | 84.367 | 419,737 |
| Through University of Guam | 53K610472N53233 | 84.373 | 84,556 |
| Through University of Minnesota | A001945803 | 84.373 | 1,494,427 |
| National Science and Mathematics Access to Retain Talent Grant | | 84.376 | (1,500) |
| Through ARRA-Ohio State University | 60029197 / PO RF01229388 | 84.396 | 293,168 |
| Transition Programs for Students with Intellectual Disabilities into Higher Education | | 84.407 | 348,445 |
| Training in General, Pediatric and Public Health Dentistry | | 93.059 | 463,002 |
| Through Kentucky Energy and Environment Cabinet | PON2 129 1300000791 | 93.070 | 47,566 |
| Food and Drug Administration Research | | 93.103 | 13,161 |
| Through University of Louisville | AHEC 2012-2013 | 93.107 | 307,362 |
| Through Hemophilia of Georgia Incorporated | HRSA112012 | 93.110 | 16,977 |
| Through Kentucky Cabinet for Health and Family Services | PON2 728 1200002206 | 93.110 | 2,111 |
| Through University of Arizona | Y553522 | 93.110 | 18,234 |
| Through University of North Carolina | 5-52965 | 93.110 | (119) |
| Maternal and Child Health Federal Consolidated Programs | | 93.110 | 33,557 |
| Environmental Health | | 93.113 | 244,317 |
| Through University of South Florida | 6416-1013-11-A | 93.135 | 67,759 |
| Centers for Research and Demonstration for Health Promotion | | 93.135 | 1,103,421 |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|--|--|---------------------------|-------------------------|
| Through Kentucky Association of Sexual Assault Programs | KASAP 072012 | 93.136 | 965 |
| Injury Prevention and Control Research and State and Community Based Programs | | 93.136 | 479,140 |
| Through University of Cincinnati | PO21-040-N376-0904 | 93.142 | (51) |
| Through American International Health | H-F4-ZAM-08-P-PTR-ZAMI | 93.145 | 18,589 |
| Through Emory University | S876412 | 93.145 | 18,494 |
| Coordinated Services and Access to Research for Women, Infants Children and Youth | | 93.153 | 469,307 |
| Grants To States for Loan Repayment Program | | 93.165 | 136,500 |
| Research Related to Deafness and Communication Disorders | | 93.173 | 57,419 |
| Through University of North Carolina | 5-44792 | 93.184 | 20,993 |
| Through Kentucky Cabinet for Health and Family Services | PON2 728 1200001981 | 93.217 | 104,280 |
| Through Kentucky Cabinet for Health and Family Services | PON2 728 1300001294 | 93.230 | 4,756 |
| Through Kentucky Cabinet for Health and Family Services | PO272811000049381 | 93.236 | 7,514 |
| State Rural Hospital Flexibility Program | | 93.241 | 542,174 |
| Through Kentucky Administrative Office of the Courts | PON2 025 1200002134 | 93.243 | 52,895 |
| Through Kentucky River Community Care Inc | SAMHSA032011 | 93.243 | 27,624 |
| Through Mountain Comprehensive Care Center | 5H79TI023188-03 | 93.243 | 49,089 |
| Through Pennyroyal Regional Mental Health Mental Retardation Board | 999 | 93.243 | 110,209 |
| Substance Abuse and Mental Health Services Projects of Regional and National Significance | | 93.243 | 397,015 |
| Public Health Training Centers Program | | 93.249 | 511,509 |
| Occupational Safety and Health Program | | 93.262 | 660,955 |
| Alcohol National Research Service Awards for Research Training | | 93.272 | 8,612 |
| Alcohol Research Programs | | 93.273 | 55,674 |
| Drug Abuse National Research Service Awards for Research Training | | 93.278 | 111 |
| Through American Academy of Child and Adolescent Psychiatry | AACAP020210 | 93.279 | 11,034 |
| Drug Abuse and Addiction Research Programs | | 93.279 | 621,243 |
| Through Association of State & Territorial Health Officials | CONTRACT # 130 | 93.283 | 540 |
| Through Jessamine County Health Department | CH-53M | 93.283 | 17,555 |
| Through Kentucky Cabinet for Health and Family Services | PON2 728 1300000784 | 93.283 | 137,775 |
| Through Public Health Foundation | CDC042012 | 93.283 | 53,214 |
| Centers for Disease Control and Prevention Investigations and Technical Assistance | | 93.283 | 1,770,806 |
| Through Kentucky Cabinet for Health and Family Services | PON2 728 1200002194 | 93.296 | 12,932 |
| Small Rural Hospital Improvement Grant Program | | 93.301 | 363,846 |
| Through Vanderbilt University | VUMC35255-R | 93.359 | 130,522 |
| Through University of Louisville | OMGB090109C1-UKY (B) | 93.389 | 93,486 |
| National Center for Research Resources | | 93.389 | (675,046) |
| Through Klein Buendel Inc | 238-U OF K | 93.393 | 28 |
| Cancer Cause and Prevention Research | | 93.393 | 68,851 |
| Through The Gynecologic Oncology Group | U10CA27469 | 93.395 | 17,149 |
| Cancer Treatment Research | | 93.395 | 1,828 |

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|--|--|---------------------------|-------------------------|
| Through Meharry Medical College | 091214MKH358 04 01 | 93.397 | 23,059 |
| Cancer Centers Support Grants | | 93.397 | 1,252,459 |
| Cancer Research Manpower | | 93.398 | 415,734 |
| Ruminant Feed Ban Support Project | | 93.449 | 62,953 |
| Through Kentucky Cabinet for Health and Family Services | PON2 728 1300001748 | 93.505 | 81,091 |
| Affordable Care Act (ACA) Public Health Training Centers Program | | 93.516 | 114,805 |
| Through Kentucky Cabinet for Health and Family Services | PO2 728 1200005194 | 93.521 | 185,240 |
| Through Kentucky Cabinet for Health and Family Services | PO2 724 1200003049 | 93.525 | 190,875 |
| Through Eastern Kentucky University | 452332-12-148 | 93.556 | 370,280 |
| Through Kentucky Cabinet for Health and Family Services | PON2 736 1200003048 | 93.556 | 195,975 |
| Through Eastern Kentucky University | 452499-13-244 | 93.563 | 4,494 |
| Through Kentucky Cabinet for Health and Family Services | PO2 727 0800018354 | 93.563 | 91 |
| Through Kentucky Developmental Disabilities Planning Council | M-06068863 | 93.630 | (375) |
| University Centers for Excellence in Developmental Disabilities Education, Research and Service | | 93.632 | 571,209 |
| Through Kentucky Cabinet for Health and Family Services | PO2 736 1200004473 | 93.643 | 13,515 |
| Through Eastern Kentucky University | 452500-13-137 | 93.658 | 1,270,618 |
| Through Eastern Kentucky University | 452500-13-137 | 93.669 | 58,983 |
| Through Kentucky Cabinet for Health and Family Services | PO2 736 1200004473 | 93.669 | 68,706 |
| Child Abuse and Neglect Discretionary Activities | | 93.670 | 9,159 |
| Through Kentucky Education and Workforce Development Cabinet | PON2 070 1200000600 | 93.708 | 1,929 |
| Through ARRA-HealthBridge | 90RC0025/01-UK | 93.718 | 392,679 |
| Through ARRA-Kentucky Cabinet for Health and Family Services | PO2 746 1200003495 | 93.718 | 259,138 |
| ARRA-Health Information Technology Regional Extension Centers Program | | 93.718 | 2,412,552 |
| Through ARRA-Kentucky Cabinet for Health and Family Services | PON2 728 1100002149 | 93.723 | (46) |
| Through Kentucky Cabinet for Health and Family Services | PO2 746 1200002881 | 93.767 | 70,387 |
| Through Kentucky Cabinet for Health and Family Services | PON2 746 1200001392 | 93.791 | 1,614,227 |
| Cardiovascular Diseases Research | | 93.837 | 403,553 |
| Lung Diseases Research | | 93.838 | 120,958 |
| Diabetes, Digestive and Kidney Diseases Extramural Research | | 93.847 | 169,131 |
| Extramural Research Programs in the Neurosciences and Neurological Disorders | | 93.853 | 188,166 |
| Allergy, Immunology and Transplantation Research | | 93.855 | (1,149) |
| Biomedical Research and Research Training | | 93.859 | 561,654 |
| Aging Research | | 93.866 | 304,217 |
| Through University of Illinois | 2010-06621-12-00 | 93.879 | 733 |
| Grants for Training in Primary Care Medicine and Dentistry | | 93.884 | 304,764 |
| Health Care and Other Facilities | | 93.887 | 201,232 |
| Specially Selected Health Projects | | 93.888 | 214,018 |
| Through Kentucky Cabinet for Health and Family Services | PON2 728 1200002645 | 93.889 | 177,126 |
| Resource and Manpower Development in the Environmental Health | | 93.894 | (1,319) |
| Through Cumberland Family Medical Center Inc | HRSA012013 | 93.912 | 5,000 |
| Through Kentucky Education and Workforce Development Cabinet | PON2 531 1200002711 | 93.912 | 12,608 |

SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS FOR THE YEAR ENDED JUNE 30, 2013

| FEDERAL GRANTOR/PASS-THROUGH GRANTOR/PROGRAM OR CLUSTER TITLE | PASS-THROUGH ENTITY IDENTIFYING NUMBER | FEDERAL CFDA NUMBER | FEDERAL EXPENDITURES |
|--|--|-----------------------------|-------------------------|
| Through Lotts Creek Community School Inc | 1 D04RH23591-01-00 | 93.912 | 25,601 |
| Through Morehead State University | 2007-08-044-003 | 93.912 | (4,147) |
| Through Trover Clinic Foundation | HRSA082012 | 93.912 | 88,572 |
| Grants to States for Operation of Offices of Rural Health | | 93.913 | 184,066 |
| Through Emory University | S847054 | 93.917 | 177,124 |
| Through Kentucky Cabinet for Health and Family Services | PON2 728 1300000422 | 93.917 | 1,010,970 |
| Grants to Provide Outpatient Early Intervention Services wit | | 93.918 | 647,224 |
| Ryan White HIV/AIDS Dental Reimbursements and Community Based Dental Partnership Grants | | 93.924 | 77,027 |
| Through Kentucky Cabinet for Health and Family Services | PON2 728 1200001987 | 93.944 | 135,599 |
| Through Eastern Kentucky University | 452486-13-199 / P0022782 | 93.958 | 4,852 |
| Through Kentucky Cabinet for Health and Family Services | PO2 729 1100005272 | 93.958 | (1,843) |
| Prevention and Public Health Fund (PPHF) Public Health Train | | 93.964 | 6,333 |
| PPHF-2012 Geriatric Education Centers | | 93.969 | 403,678 |
| Through Kentucky Cabinet for Health and Family Services | PON2 728 1100002230 | 93.994 | 483,748 |
| Through University of Louisville | 051304 | 93.996 | (133) |
| Through George Washington University | 12-M101 | 93.999 | 4,801 |
| Through Alaska Native Tribal Health Consortium | ANTHC-02-U-1071 | 93.ANTHC-02-U-1071 | (498) |
| Through ARRA-Macro International Co | 635243-10S-1572 | 93.635243-10S-1572 | 549,795 |
| Through National Opinion Research Center | 6928-01-UK | 93.6928-01-UK | 2,570 |
| Through University of Illinois | 2010-06621-21-02 | 93.2010-06621-21-02 | 5,203 |
| Department of Health and Human Services Contract | 2801808 | 93.2801808 | 1,492,638 |
| Through North Carolina Campus Compact | 12MKNWI001 | 94.007 | 1,500 |
| Through Kentucky Cabinet for Health and Family Services | PO2 728 1100004992 | 97.002 | 990 |
| Through Kentucky Department of Military Affairs | M-04546983 | 97.039 | 488,903 |
| Assistance to Firefighters Grant | | 97.044 | 203,133 |
| Through Kentucky Department of Military Affairs | PO2 095 1200006117 | 97.047 | 65,112 |
| Through Kentucky Office of Homeland Security | P02 094 1300003030 1 | 97.067 | 9,120 |
| Through National Institute for Hometown Security | 01-09-UK | 97.01-09-UK | 433,405 |
| Through Academy for Educational Development | 4273-UKY-01 | 98.4273-UKY-01 | 1,444 |
| Through Chemonics International Inc | AID-497-C-12-00001-UKY-0 | 98.AID-497-C-12-00001-UKY-0 | 154,677 |
| Through FHI Development 360 LLC | 4273-UKY-01 | 98.4273-UKY-01 | 295,806 |
| SUBTOTAL OTHER GRANTS | | | 56,922,849 |
| TOTAL OTHER FEDERAL ASSISTANCE | | | 70.199.642 |

GRAND TOTAL

\$445,144,949

Notes to Schedule of Expenditures of Federal Awards Year Ended June 30, 2013

Note 1: Basis of Presentation

The accompanying Schedule of Expenditures of Federal Awards (Schedule) of the University of Kentucky (University) has been prepared in the format as set forth in the U.S. Office of Management and Budget (OMB) Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations.* Therefore, some amounts presented in this Schedule may differ from amounts presented in, or used in the preparation of, the basic financial statements. The purpose of the Schedule is to present a consolidated summary of those expenditures of the University for the year ended June 30, 2013, which has been financed by the U.S. Government (Federal awards). For purposes of the Schedule, Federal awards include all Federal assistance and procurement relationships entered into directly and indirectly between the University and the Federal government and sub-awards from nonfederal organizations made under federally sponsored agreements.

The accounting principles followed by the University and used in preparing the Schedule are as follows:

- The Schedule includes amounts expended by the University and its affiliated corporation, the University of Kentucky Research Foundation, Inc.
- Deductions (expenditures) for direct costs are recognized as incurred using the accrual method of accounting and the cost accounting principles contained in OMB Circular A-21, *Cost Principles for Educational Institutions*. Under those cost principles, certain types of expenditures are not allowable or are limited as to reimbursement. Moreover, expenditures include a portion of costs associated with general University activities (facilities and administrative costs) which are allocated to awards under negotiated formulas commonly referred to as indirect cost rates.

Notes to Schedule of Expenditures of Federal Awards Year Ended June 30, 2013

Note 2: Subrecipients

Of the federal expenditures presented in the Schedule, the University provided federal awards to subrecipients as follows:

| CFDA Description | CFDA Number | Fiscal 2013 Expenditures |
|--|------------------|-----------------------------|
| Grants for Agricultural Research, Special Research Grants | 10.200 | \$ 7,500 |
| Grants for Agricultural Research Competitive Research Grants | 10.206 | 34,610 |
| Sustainable Agriculture Research and Education | 10.215 | 41,158 |
| Biotechnology Risk Assessment Research | 10.219 | 65,787 |
| Agriculture and Food Research Initiative (AFR) | 10.310 | 230,927 |
| Beginning Farmer and Rancher Development Program | 10.311 | 146,798 |
| Biomass Research and Development Initiative Competitive Grants Program (BRDI) | 10.312 | 19,239 |
| Cooperative Extension Service | 10.500 | 285,898 |
| U.S. Department of Agriculture Contract | 10.XXX | 1,707,419 |
| Measurement and Engineering Research and Standards | 11.609 | 114,524 |
| Basic Scientific Research | 12.431 | 11,403 |
| Language Grant Program | 12.900 | 25,222 |
| Research and Technology Development | 12.910 | 34,759 |
| Department of Defense Contract | 12.XXX | 362,548 |
| Sustainable Communities Regional Planning Grant Program | 14.703 | 126,252 |
| Assistance to State Water Resources Research Institutes | 15.805 | 37,229 |
| Environmental and Scientific Partnerships and Programs | 19.017 | 89,646 |
| State Planning and Research | 20.515 | 12,164 |
| State and Community Highway Safety | 20.600 | 47,699 |
| Department of Transportation Contract | 20.XXX | (9,482) |
| Science | 43.001 | 58,311 |
| Aeronautics | 43.002 | 238,559 |
| National Aeronautics Space Commission Contract | 43.XXX | 305,033 |
| Mathematical and Physical Sciences | 47.049 | 208,188 |
| Education and Human Resources | 47.076 | 81,840 |
| Office of Experimental Program to Stimulate Competitive Research | 47.081 | 1,228,005 |
| Trans-NSF Recovery Act Research Support | 47.082 | 253,207 |
| Small Business Development Centers | 59.037 | 572,961 |
| Nonpoint Source Implementation Grants | 66.460 | 129,150 |
| Science To Achieve Results (STAR) Research Program | 66.509 | 13,076 |
| Office of Science Financial Assistance Program | 81.049 | 558,318 |
| Fossil Energy Research and Development | 81.089 | 1,167,374 |
| Environmental Restoration | 81.092 | 24,904 |
| Department of Energy Contract | 81.XXX | 74,551 |
| Adult Education - Basic Grants to States | 84.002 | 1,389 |
| Special Education Grants to States | 84.027 | 20,000 |
| Fund for the Improvement of Postsecondary Education | 84.116 | 5,588 |
| Special Education - State Personnel Development | 84.323 84.324 | 5,166 |
| Research in Special Education Special Education Personnel Development to Improve Services and Results for | 84.324 84.325 | 200,117 |
| Children with Disabilities | 04.323 | 57,056 |
| Special Education Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities | 84.326 | 312,488 |

Notes to Schedule of Expenditures of Federal Awards

Year Ended June 30, 2013

| CFDA Description | CFDA Number | Fiscal 2013 Expenditures |
|---|-------------|-----------------------------|
| Special Education Technology and Media Services for Individuals with Disabilities | 84.327 | 29.037 |
| Improving Teacher Quality State Grants | 84.367 | 22,200 |
| Special Education Technical Assistance on State Data Collection | 84.373 | \$ 81,378 |
| Transition Programs for Students with Intellectual Disabilities into Higher Education | 84.407 | 34,849 |
| Training in General, Pediatric and Public Health Dentistry | 93.059 | 47,711 |
| Area Health Education Centers Point of Service Maintenance and Enhancements Awards | 93.107 | 239,279 |
| Applied Toxicological Research and Testing | 93.114 | (14,350) |
| Centers for Research and Demonstration for Health Promotion | 93.135 | 280,282 |
| Injury Prevention and Control Research and State and Community Based Programs | 93.136 | 161,666 |
| NIEHS Superfund Hazardous Substances Basic Research and Education | 93.143 | 519,457 |
| Grants To States for Loan Repayment Program | 93.165 | 136,500 |
| State Rural Hospital Flexibility Program | 93.241 | 225,999 |
| Mental Health Research Grants | 93.242 | 133,163 |
| Substance Abuse and Mental Health Services Projects of Regional and National Significance | 93.243 | 5,000 |
| Occupational Safety and Health Program | 93.262 | 202,389 |
| Drug Abuse and Addiction Research Programs | 93.279 | 537,618 |
| Centers for Disease Control and Prevention Investigations and Technical Assistance | 93.283 | 162,997 |
| Small Rural Hospital Improvement Grant Program | 93.301 | 318,063 |
| Trans-NIH Research Support | 93.310 | 17,950 |
| Nursing Research | 93.361 | 3,189 |
| National Center for Research Resources | 93.389 | 234,316 |
| Cancer Cause and Prevention Research | 93.393 | 66,518 |
| Cancer Detection and Diagnosis Research | 93.394 | 118,045 |
| Cancer Treatment Research | 93.395 | 97,136 |
| Cancer Biology Research | 93.396 | 17,651 |
| Cancer Centers Support Grants | 93.397 | 867,005 |
| Affordable Care Act (ACA) Public Health Training Centers Program | 93.516 | 5,219 |
| State Planning and Establishment Grants for the Affordable Care Act Exchanges | 93.525 | 5,171 |
| Temporary Assistance for Needy Families | 93.558 | 2,493,662 |
| Child Abuse and Neglect Discretionary Activities | 93.670 | 7,472 |
| Non-Construction Grants | 93.701 | 140,909 |
| Medical Assistance Program | 93.778 | (38,517) |
| Arthritis, Musculoskeletal and Skin Diseases Research | 93.846 | 28,025 |
| Diabetes, Digestive and Kidney Diseases Extramural Research | 93.847 | 87,438 |
| Extramural Research Programs in the Neurosciences and Neurology | 93.853 | 67,468 |
| Allergy, Immunology and Transplantation Research | 93.855 | 38,311 |
| Biomedical Research and Research Training | 93.859 | 168,031 |
| Child Health and Human Development Extramural Research | 93.865 | 154,482 |
| Aging Research | 93.866 | 878,875 |
| Grants for Training in Primary Care Medicine and Dentistry | 93.884 | 4,685 |
| Specially Selected Health Projects | 93.888 | 51,254 |
| National Bioterrorism Hospital Preparedness Program | 93.889 | 79,731 |
| Grants to States for Operation of Offices of Rural Health | 93.913 | 6,028 |
| PPHF-2012 Geriatric Education Centers | 93.969 | 295,514 |
| Department of Health and Human Services Contract | 93.XXX | 4,500 |
| Department of Homeland Security Contract | 97.XXX | 2,556,767 |
| TOTAL FEDERAL FUNDS PROVIDED TO SUBRECIPIENTS | | <u>\$ 20.486.654</u> |

Notes to Schedule of Expenditures of Federal Awards Year Ended June 30, 2013

Note 3: Noncash Financial Assistance

The following loans received by students and outstanding loan balances are included in the Schedule in accordance with OMB Circular A-133, *Audits of States, Local Government, and Non-Profit Organizations.*

Loans received by students for the year ended June 30, 2013, were as follows:

| | CFDA # | Total |
|---|------------------|--------------------------|
| Federal Perkins Loan Program Nurse Faculty Loan Program | 84.038 93.264 | \$ 3,020,833 7,498 |
| Health Professions Primary Care Total noncash financial assistance | 93.342 | \$ <u> </u> |

Outstanding loan balances at June 30, 2013, were as follows:

| | CFDA # | Total |
|---------------------------------|--------|----------------------|
| Federal Perkins Loan Program | 84.038 | \$ 18,815,296 |
| Nurse Faculty Loan Program | 93.264 | 112,457 |
| Health Professions Primary Care | 93.342 | 4,963,647 |
| Total student loans outstanding | | <u>\$ 23,891,400</u> |



Independent Auditor's Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of the Financial Statements Performed in Accordance With *Government Auditing Standards*

Board of Trustees University of Kentucky Lexington, Kentucky

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, the financial statements of the University of Kentucky (University), a component unit of the Commonwealth of Kentucky, which comprise the statement of net position as of June 30, 2013, and the related statements of revenues, expenses and changes in net position and cash flows for the year then ended and the related notes to the financial statements, and have issued our report thereon dated October 1, 2013 which contained a reference to the report of other auditors. Other auditors audited the financial statements of Kentucky Medical Services Foundation, Inc. (KMSF), as described in our report on the University's financial statements of the University, were not audited in accordance with *Governmental Auditing Standards*.

Internal Control Over Financial Reporting

Management of the University is responsible for establishing and maintaining effective internal control over financial reporting (internal control). In planning and performing our audit, we considered the University's internal control to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the University's internal control. Accordingly, we do not express an opinion on the effectiveness of the University's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect and correct misstatements on a timely basis. A material weakness is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility a material misstatement of the University's financial statements will not be prevented or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.



Board of Trustees University of Kentucky Page 2

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses as defined above. However, material weaknesses may exist that have not been identified.

Compliance

As part of obtaining reasonable assurance about whether the University's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Other Matter

The purpose of this communication is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the University's internal control or compliance. This communication is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the University's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

BKD,LLP

Louisville, Kentucky October 1, 2013



Independent Auditor's Report on Compliance With Requirements That Could Have a Direct and Material Effect on Each Major Program and on Internal Control Over Compliance in Accordance With OMB Circular A-133 and Schedule of Expenditures of Federal Awards

Board of Trustees University of Kentucky Lexington, Kentucky

Report on Compliance for Each Major Federal Program

We have audited the compliance of the University of Kentucky (University) with the types of compliance requirements described in the OMB Circular A-133, *Compliance Supplement* that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2013. The University's major federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

Management's Responsibility

Compliance with the requirements of laws, regulations, contracts and grants applicable to each of its major federal programs is the responsibility of the University's management.

Auditor's Responsibility

Our responsibility is to express an opinion on compliance for each of the University's major federal programs based on our audit of the types of compliance requirements referred to above.

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America, the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States and OMB Circular A-133, *Audits of States, Local Governments, and Non-Profit Organizations*. Those standards and OMB Circular A-133 require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the University's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination on the University's compliance with those requirements.



Board of Trustees University of Kentucky Page 2

Opinion on Each Major Federal Program

In our opinion, the University complied, in all material respects, with the compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2013.

Report on Internal Control Over Compliance

The management of the University is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the University's internal control over compliance with the requirements that could have a direct and material effect on each major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing our opinion on compliance for each major federal program and to test and report on internal control over compliance in accordance with OMB Circular A-133, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the University's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. A material weakness in internal control over compliance is a deficiency, or combination of deficiencies, in internal control over compliance such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. A significant deficiency in internal control over compliance is a deficiency, or a combination of deficiencies, in internal control of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of OMB Circular A-133. Accordingly, this report is not suitable for any other purpose.

Board of Trustees University of Kentucky Page 3

Schedule of Expenditures of Federal Awards

We have audited the financial statements of the University as of and for the year ended June 30, 2013, and the related notes to the financial statements, which collectively comprise the University's basic financial statements. We issued our report thereon dated October 1, 2013, which contained an unmodified opinion on those financial statements and a reference to the report of other auditors. Our audit was performed for the purpose of forming an opinion on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by OMB Circular A-133, Audits of States, Local Governments, and Non-Profit Organizations and is not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the basic financial statements as a whole.

BKD,LIP

Louisville, Kentucky October 1, 2013

University of Kentucky A Component Unit of the Commonwealth of Kentucky Schedule of Findings and Questioned Costs

Year Ended June 30, 2013

Summary of Auditor's Results

| 1. | The opinion(s) expressed in the independent accountants' report was (were): | | |
|----|---|-----------------|---------------|
| | ☐ Unmodified ☐ Qualified ☐ Adverse ☐ D | isclaimer | |
| 2. | The independent auditor's report on internal control over financial | reporting discl | osed: |
| | Significant deficiency(ies)? | Yes | None reported |
| | Material weakness(es)? | Yes | 🛛 No |
| 3. | Noncompliance considered material to the financial statements was disclosed by the audit? | Yes | 🖂 No |
| 4. | . The independent auditor's report on internal control over compliance with requirements that could have a direct and material effect on major federal awards programs disclosed: | | |
| | Significant deficiency(ies)? | Yes | None reported |
| | Material weakness(es)? | Yes | 🔀 No |
| 5. | . The opinion(s) expressed in the independent auditor's report on compliance with requirements that could have a direct and material effect on major federal awards was (were): | | |
| | Unmodified Qualified Adverse | Disclaimer | |
| 6. | The audit disclosed findings required to be reported by OMB Circular A-133? | Yes | 🖂 No |

University of Kentucky A Component Unit of the Commonwealth of Kentucky Schedule of Findings and Questioned Costs (Continued)

Year Ended June 30, 2013

7. The University's major programs were:

| Cluster/Program | CFDA Number |
|---|-------------|
| Federal Student Aid Cluster | Various |
| ARRA – Health Information Technology Regional | 93.718 |
| Research and Development Cluster | Various |

- 8. The threshold used to distinguish between Type A and Type B programs as those terms are defined in OMB Circular A-133 was \$3,000,000.
- The University qualified as a low-risk auditee as that term is defined in OMB Circular A-133?
 □ Yes
 No

Schedule of Findings and Questioned Costs (Continued) Year Ended June 30, 2013

Findings Required to be Reported by Government Auditing Standards

| Reference | | Questioned |
|-----------|---------|------------|
| Number | Finding | Costs |

No matters are reportable.

Schedule of Findings and Questioned Costs (Continued)

Year Ended June 30, 2013

Findings Required to be Reported by OMB Circular A-133

| Reference | | Questioned |
|-----------|---------|------------|
| Number | Finding | Costs |

No matters are reportable.

Summary Schedule of Prior Audit Findings

Year Ended June 30, 2013

| Reference Number | Summary of Finding | Status |
|---------------------|---|------------|
| 2012-001 | The University did not update certain students' award information for exceptions noted during the verification program. | Corrected. |
| 2012-002 | Regarding Title IV Returns, the dates used to calculate the number of days students attended class during the semester were not accurate for the 2011-2012 academic year. | Corrected. |