Each year ASU’s Office of Federal Relations prepares a document articulating ASU programmatic priorities for that Congressional session. Below are those priorities for the FY14 appropriations cycle as of April, 2013. Many additional items will come into play throughout the legislative session that require focused effort and attention. As well, the below does not capture authorization and policy issues that require a significant amount of effort to implement: for example, ASU’s support of the Dream Act is not captured in this document. The priorities below are organized by appropriation subcommittee for congressional office use.

If you have questions, feel free to contact me at Stu.Hadley@asu.edu
PRIORITIES FOR THE FY14 LABOR/HHS/EDUCATION APPROPRIATIONS SUBCOMMITTEE

NATIONAL INSTITUTES OF HEALTH (NIH)

ASU REQUESTS FOR FY2014 = $32Billion
FY14 PRESIDENT’S BUDGET REQUEST = $31.3Billion

FY2013 = $30.05B
*FY13 Sequester Estimate = $28.6B
FY2012 = $30.7B
FY2010 = $31.168B
FY2009 = $30.3B

ASU supports the Budget Request at $32 billion for NIH. NIH is the nation’s primary agency for supporting biomedical research. The NIH competitively awards grants to scientists at universities across the country including Arizona State University. Over a recent 12 month period, ASU submitted competitive research proposals to HHS/NIH totaling over $313 million. ASU was awarded $51.1 million during that same period. NIH/HHS was the second leading federal source of research funding for ASU during this period just behind NSF. The $32B for FY14 would allow the NIH to continue to educate the next generation of scientists and fund leading-edge research with the goals of improving health and saving lives through medical discovery and scientific leadership.

PELL GRANT PROGRAM (DEPARTMENT OF EDUCATION)

ASU REQUESTS FOR FY2014: $ 5,785 maximum award
FY14 PRESIDENT’S BUDGET REQUEST = $ 5,785 maximum award

*FY13 pre-Sequester Estimate = $5, 645
FY2012 = $5,550
FY2010 = $5,550
FY2009 = $5,350
The Federal Pell Grant Program provides need-based grants to financially disadvantaged students. The grants are the foundation of low-income students’ aid packages, to which other forms of aid are added. The Pell program is the largest federal source of college aid to students, and nationally it is anticipated that almost 10 million students to participate in the program in FY2014.

At Arizona State University roughly 40% of our undergraduate students receive Pell grant support in 2010-2011. Pell grants are very important to ASU and the state of Arizona.

**TEACHER QUALITY PARTNERSHIP (TQP) (DEPARTMENT OF EDUCATION)**

ASU SUPPORTS FOR FY2014: $42.8 million  
FY14 PRESIDENT’S BUDGET REQUEST: $42.8 million

FY12 FUNDING FOR TQP = $43 MILLION  
FY2011 FUNDING FOR TQP = $43 MILLION

ASU competitively won the largest TQP award and still has a year left on its five year award. The total amount of the award to ASU is for $33.8 million. This award is funded on a year-to-year basis so it is important that TQP funds be appropriated for FY14. Our TQP award is called “NEXT” which aims to update the curriculum and education of teacher candidates while providing continuing evaluations and educational resources and opportunities for in-service teachers to increase student effectiveness. More than 40 schools in 12 districts around Arizona are currently involved in the NEXT grant.

**RACE TO THE TOP AND FIRST IN WORLD COMPETITION**

1) **Race to the Top for College Affordability and Completion**

The President’s Budget Request in FY14 included $1 billion for a program to provide incentives for systematic state reforms that lead to “increased affordability, quality, and productivity.” While specific details are not yet available, states would be rewarded for maintaining a consistent financial commitment to their public higher education institutions; having public colleges and universities that contain the growth in what students pay for college and measure the value in terms of financial returns, time-to-degree, and other outcomes; and using data to drive policy and better align K-12 to college, as well as across colleges through transfer of credit policies.

2) **First in the World Competition**

The FY14 BR included $260 million to enable colleges and nonprofit organizations to develop, validate, or scale up innovative and effective strategies for increasing college
access and completion, particularly for minority and low-income students, through an evidence-based competition. The plan includes a $20 million set-aside for minority-serving institutions. The competition would be administered through the Fund for Improvement of Postsecondary Education (FIPSE). The Department of Education does not need Congressional authorization to move forward on this initiative.

ASU Supports funding for the First in the World Competition at $260 million if it is included in the FY14 budget request.
**FEDERAL WORK STUDY (DEPARTMENT OF EDUCATION)**

ASU supports FY2014 Request: $1.1 Billion  
FY14 President’s budget request = $1.1 Billion

*FY13 pre-sequester Estimate = $977 Million
FY2012 = $980 million
FY2010 = $980 million
ARRA = $200 million
FY2009 = $980 million

Work Study awards are increasingly significant for high-need students as enrollments increase reflecting a growing trend toward those returning to college seeking new skills to become more employable in the depressed job market. Work Study funding is very important to ASU. In the year 2009-2010 the total amount of work study dollars paid to ASU students was $2.6 million. The Work-Study program provides grants to participating institutions to pay up to 75 percent of the wages of eligible undergraduate and graduate students working part-time to help pay their college costs. The school or other eligible employer provides the balance of the student’s wages.

**CORPORATION FOR PUBLIC BROADCASTING**

ASU FY14 REQUEST FOR CPB = $445 million (for FY16)  
PRESIDENT’S BUDGET FY14 REQUEST = $445 million (for FY16)

FY12: $445 MILLION (FOR FY14)  
FY11: $445 MILLION (IN THE CR) FOR FY13  
FY10: $445 MILLION (FOR FY12)  
FY09: $430 MILLION (FOR FY11)

We do not know yet the President's budget request for FY14. CPB appropriations are for “forward funding.”

The Corporation for Public Broadcasting provides critical support to local public television stations to serve America’s communities on-air, online and on the ground with uniquely high-quality programming and services. By statute, over 70 percent of funds appropriated to CPB reach the stations in the form of Community Service Grants (CSGs). Public television plays a key role in educating our children, keeping Americans healthy, and providing job training. At only $1.35 per person per year, this funding provides an enormous return on investment for all Americans. At ASU, CPB funding provides roughly 18% of KAET Channel 8’s operating budget.
DEPARTMENT OF ENERGY (DOE) OFFICE OF SCIENCE

ASU SUPPORTS FUNDING FOR OFFICE of SCIENCE AT: $5.153 BILLION
FY14 PRESIDENT’S BUDGET REQUEST FOR EERE: $5.153 BILLION

ASU supports a funding level of $5.153 billion. At this funding level there would continue to be leading-edge energy research and educating the next generation of scientists. Strong, sustainable and predictable funding levels for research, including the Office of Science, are also necessary to ensure we build a better America by remaining a global leader in science and technology. In these challenging budget times, funding scientific research should be a priority. Science and technological advances, like those funded by DOE, are the foundation of our nation’s economic growth and aid in our national defense.

ENERGY EFFICIENCY AND RENEWABLE ENERGY (EERE)

ASU SUPPORTS FUNDING OF EERE AT: $2.77 BILLION
FY14 PRESIDENT’S BUDGET REQUEST FOR EERE: $2.77 BILLION

FY12 EERE: $1.8 BILLION
FY11 EERE: $1.77 BILLION

ASU supports continued EERE funding at the level of $2.77 billion. ASU is committed to translating basic scientific breakthroughs into commercial products that results in meeting the energy reductions goals. The Office of Energy Efficiency and Renewable Energy (EERE) supports clean energy research, development, demonstration, and deployment activities on technologies and practices that helps meet national security, environmental, and economic goals. Technologies supported through the Bioenergy Technology Office, for example, further these goals by reducing dependence on oil, minimizing the emissions associated with energy production and use, and stimulating economic growth and job creation in the US through the reduction of energy costs and investment in next generation renewable energy and manufacturing. The EERE portfolio emphasizes work areas where the potential impact is largest, and where federal funds are most critical. It balances investments in high-risk early-stage research with partnerships with private firms that speed the translation of innovations into practical business opportunities. The diverse set of technologies supported by EERE helps
ensure that the US has many options for meeting its energy goals. Program management is designed to identify the best groups in the country to address these challenges and supports work in universities, companies, national laboratories, and consortia.

**ARPA-E**

FY14 ASU REQUEST: $379 million  
FY14 PRESIDENT’S BUDGET REQUEST LEVEL: $379 million

FY12: $275 MILLION

ASU supports ARPA-E funding at the FY2014 budget request level of $379 million. ASU has been particularly successful in securing ARPA-E grants and very active in pursuing ARPA-E awards. Specifically, ASU has secured three ARPA-E awards in the areas of fuels to sunlight, battery technologies and energy storage and most recently efficient and cost-effective carbon capture technology using an innovative electrochemical technique.

**ENERGY FRONTIER RESEARCH CENTER (EFRC) PROGRAM**

FY14 ASU APPROPS REQUEST = $169 million  
FY14 PRESIDENT’S BUDGET REQUEST = 169 million

FY12 EFRC = $100 MILLION

The Energy Frontier Research Centers (EFRCs) support multi-year, multi-investigator scientific collaborations focused on overcoming hurdles in basic science that block transformational discoveries. The EFRCs portfolio will undergo an open re-competition in FY 2014 to select new EFRCs and consider renewal applications for existing EFRCs. The request includes funding for new EFRCs to replace some of the awards that will be completed.

ASU supports continued funding in FY2014 budget request for the Energy Frontier Research Centers (EFRCs) program. ASU has been successful in competing for EFRCs in the past. We won a $14 million grant to establish an EFRC for Bio-Inspired Solar Fuel production. Funding at this level would allow for continued support for multi-year grants for these competitively awarded research centers. The ERFCs focus on the grand energy challenges identified by the Basic Energy Sciences Advisory Committee.
ASU has two items we urge your support for in the FY14 DoD appropriations cycle. The first is support for the U.S. Army’s Flexible Display Center located at ASU. And the second is support for basic research at DoD referred to as 6.1 funding.

**DoD RESEARCH**

**6.1 RESEARCH**

FY2014 REQUEST: $2.165 Billion  
FY2014 President’s Budget Request: 2.165 Billion

FY2012 = $2.08B  
FY2010 =$1.82B  
FY2009 = $1.8B

The 6.1 portion of the DoD budget includes all basic research programs funded under the Office of the Secretary of Defense and basic research at DARPA, also known as Defense-wide, as well as those supported by the respective military services: the Navy, Army, and Air Force.
ASU requests continued support for the ongoing appropriations for the U.S. Army’s Flexible Display Center located at ASU. It is not an earmark. The Army’s Flexible Display Center was competitively awarded.

Background
The U.S. Army competitively awarded the Flexible Display Center at ASU in February 2004 to spearhead the next revolution in information displays. The Center is a partnership where academia, industry, and government collaborate on rapid technology development, innovation and integration to create a new generation of innovative displays that will be flexible, lightweight, low power, and rugged. These revolutionary displays will usher in a new era of powerful real-time information sharing through ubiquitous commercial and military application in everything from portable pocket-held and vehicle-mounted devices to permanent and temporary conferencing/command rooms. The work is consistent with the Director, Defense Research and Engineering Strategic Plan, the Army modernization strategy, and the Army Science and Technology Master Plan.

Budget Detail
There are two PE funding streams for the Army’s Flexible Display Center located at Arizona State University

a) One line in the FY14 Budget Request is for $2.704 million for the Flexible Display Center (FDC). As found in Volume BA 2, page 131, R-1 Line item #18: PE 0602705A Electronics and Electronic Devices. H17: Flexible Display Center.

b) Another line that includes some funding for the Flexible Display Center is found in in BA 7, page 380, R-1 Line #185 in the End Item Industrial Preparedness Activities section, E25 the Manufacturing Science and Technology Section. Command, Control and Communications Systems contains multiple directives and is funded at $13.756 million. The PE 708045A would involve FDC. The exact amount from this line that would be for the FDC is not spelled out in the BR, but we anticipate a part $1.5 million) of the $13.756 million would be for the FDC.
ASU supports a request of $7.6266B for FY2014 for the National Science Foundation, an agency key to the development of new innovations and our national economic competitiveness, and move toward the goals outlined in the bipartisan America COMPETES Act. The NSF funds merit-based research and supports science, math and engineering education across the country, including at ASU. In a recent 12 month period, ASU has submitted proposals to NSF totaling over $325 million. We have been awarded over that same period about $60.4 million from NSF. During that period of time it was the largest source of federal research dollars for ASU. NSF investments are also necessary to ensure we build a better America by remaining a global leader in science and technology. In these challenging budget times, funding scientific research should be a priority. Science and technological advances, like those funded by NSF, are the foundation of our nation’s economic growth and aid in our national defense.
NASA

NASA is an important funding agency for ASU. In a recent 12 month period, ASU submitted proposals totaling about $26 million and received roughly $31.5 million in awards over that same period. Areas that are of particular interest to ASU stretch across NASA’s portfolio.

NASA’s Science Mission Directorate (SMD) would be funded in FY14 at $5 billion. Below is a breakdown of the programs within SMD:

- **Earth Science**: $1.8 billion (includes funding for the Joint Polar Satellite System and the Landsat program)
- **Planetary Science**: $1.2 billion (within this amount is funding for the Asteroid mission, support for the fall 2013 launch of the MAVEN mission, and development of a new Mars Rover)
- **Astrophysics**: $642 million
- **Heliophysics**: $654 million
- **The James Webb Space Telescope**: $658 million. This budget seeks to maintain NASA’s commitment to launch JWST in October 2018.

The Space Technology Mission Directorate would be funded at $743 million.

The Aeronautics Mission Directorate would receive $566 million. Support for Next Generation technologies will be important, as well as the development of composite materials for next generation aircraft.

NASA Education programs would receive $94 million. The Administration is calling for the consolidation of STEM education programs across the government. However, NASA will continue to support such important education programs as Space Grant and Space Technology Fellowships. The Administration is requesting $15 million for the Space Technology Fellowships in FY14.

International Space Station
ASU is very active in pursuing research on the International Space Station. Our work particularly in the area micro-gravity-based R&D is highly competitive. The President’s Budget Request for Space Operations FY14 includes 3.05 Billion for the ISS.
1) National Network of Manufacturing Institutes

FY14 President’s BR = $1 Billion

The FY2014 Commerce budget includes $1 billion in mandatory funding to establish a National Network of Manufacturing Innovation (NNMI) institutes, coordinated through NIST, that will develop cutting-edge manufacturing technologies and capabilities to propel the competitiveness of U.S. manufacturing.

The Budget also includes $113 million for the Economic Development Administration (EDA) to create the Investing in Manufacturing Communities Fund, which will be invested in those regions that have created economic development strategies that build on the region’s comparative advantages and leverage private-sector resources.