American Recovery and Reinvestment Act (ARRA) of 2009

http://www.recovery.gov
• Overview
  – Dr. Steve Klasko
  – Dr. Karen Holbrook
  – Dr. Phil Marty
• DSR
  – Ms. Priscilla Pope
  – Ms. Rebecca Puig
  – Mr. Diego Vazquez
• Infrastructure (in alphabetical order):
  – Mr. Matt Anderson – COM
  – Dr. Pat Emmanuel – COM Clinical Research
  – Dr. Kevin Kip – CON
  – Dr. Wil Milhous - COPH
Health Care and the American Recovery and Reinvestment Act (ARRA)

- On February 17, 2009, President Obama signed the ARRA into law, enacting a $787 billion stimulus plan in response to a growing recession.
- The primary objectives of the ARRA are to:
  - Preserve and create jobs and promote economic recovery
  - Assist those most impacted by the recession
  - Provide investments to increase economic efficiency by spurring technological advances in science and health
  - Invest in infrastructure that will provide long-term benefits
  - Stabilize state and local government budgets to minimize and avoid reductions in essential services and counterproductive federal and local tax increases
- The plan’s economic impact won’t be realized for months, but the ARRA includes several provisions that will jump-start the Obama administration’s health care agenda.

Source: Xcenda
Health Care Industry Receives More Stimulus Funding than any other Industry

• The ARRA directs nearly $150 billion in funds to health care—the highest percentage of any industry receiving stimulus funding.

• Among other health-related provisions, the ARRA implements broad federal initiatives expected to have major and immediate effects, including:
  – Comparative effectiveness research
  – Adoption of health information technology (HIT)
  – Enhanced protection of the privacy and security of medical records

• The largest portion ($87 billion) of the health care stimulus funds go to states in the form of increased federal matching assistance funds plus extra funds for “high unemployment” states.

• The National Institutes of Health (NIH) also receives a significant portion ($10 billion) of health related stimulus funds.

Source: Xcenda
### Summary of ARRA’s Health Care Spending Distribution

<table>
<thead>
<tr>
<th>Program/Funding Area</th>
<th>Amount and Scope of Funding</th>
</tr>
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<tbody>
<tr>
<td><strong>Comparative Effectiveness Research</strong></td>
<td>$1.1 billion, of which $300 million to be administered by the AHRQ, $400 million by NIH, and $400 million by DHHS Secretary</td>
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<td><strong>COBRA Premium Subsidy</strong></td>
<td>$24.7 billion to provide a 65% federal subsidy for up to 9 months of premiums under COBRA</td>
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<td><strong>Departments of Defense and Veterans Affairs</strong></td>
<td>$1.4 billion for the construction and renovation of health care facilities</td>
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<td><strong>Health Information Technology</strong></td>
<td>$19.2 billion, including $17.2 billion for financial incentives to physicians and hospitals through Medicare and Medicaid to promote the use of electronic health records; and $2 billion for grants and loans administered by the ONCIT</td>
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<td><strong>Health Resources and Services Administration</strong></td>
<td>$2.5 billion, including $1.5 billion for construction, equipment, and health information technology at community health centers; $500 million for services at these centers; $300 million for the NHSC; and $200 million for health professions training programs</td>
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<tr>
<td><strong>Medicare</strong></td>
<td>$338 million for payments to teaching hospitals, hospice programs and long-term care hospitals</td>
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<tr>
<td><strong>Medicaid and other state health programs</strong></td>
<td>$87 billion for additional federal matching assistance for state Medicaid programs for a 27-month period (October 1, 2008 – December 30, 2010); $3.2 billion for additional state fiscal relief related to Medicaid and other health programs</td>
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<tr>
<td><strong>National Institutes of Health</strong></td>
<td>$10 billion, including $8.2 billion for new grants and related activities, and $1.8 billion for construction of NIH facilities and equipment</td>
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<td><strong>Prevention and Wellness</strong></td>
<td>$1 billion, including $650 million for clinical and community-based prevention activities focused on chronic diseases; $300 million to the CDC for immunizations; and $50 million to states to reduce health care-associated infections</td>
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</tbody>
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Source: Xcenda
ARRA appropriates $10.4 billion over 2 years to NIH

- The ARRA provides a total of $10.4 billion—a 34% increase in the agency’s $29 billion budget—to NIH through September 2010
  - $8.2 billion to support scientific research priorities
  - $1 billion to support extramural construction, repairs and alterations
  - $500 million for NIH buildings and facilities
  - $400 million for CER
  - $300 million for shared instrumentation and other capital equipment
- The ARRA adds no additional resources to the base of NIH appropriations, so the stimulus dollars are 2-year funds only

Source: Xcenda
NIH’s Funding Focus – the “buckets”

1. New but already peer-reviewed and approved R01s to support highly meritorious research
   ✷ Will provide list of submitted proposals for the past two years to department Chairs

2. Supplementing existing grants to expand research related to original goals
   ✷ Will provide list of awarded projects to department Chairs

3. New funding opportunities:
   a. High – End Instrumentation Grant Program (S10)
   b. Core Facility Renovation, Repair, and Improvement (G20)
   c. Extramural Research Facilities Improvement Program (C06)
   d. NIH Challenge Grants in Health and Science Research (RC1)
High End Instrumentation Grant program (S10)

- Letters of intent due 4/6/09
- Application due date 5/6/09
- Funding range $600,000 - $8,000,000
- Grant period of one year
- Follow special instructions in funding announcement to complete the application
Core Facility Renovation, Repair, and Improvement (G20)

- Application due date: 9/17/09
- Funding range: $1 – $10 million
- Green technology should be used if available
- Project needs to be completed within three years following approval of designs
- Follow instructions in RFA to complete the application process

Extramural Research Facilities Improvement Program (C06)

- Application due date depends on the amount of funds asking for:
  - 5/6/09 (2-5 million)
  - 6/17/09 (10-15 million)
  - 7/17/09 (5-10 million)
- Strongly encouraged to use green technology
- Follow special instructions in the RFA to complete the application
- Each institution is expected to submit no more than three applications under this FOA

NIH Challenge Grants in Health and Science Research (RC1)

• NIH Due date 4/27/09
• Available funds: $500,000 Total Cost per year, (this amount includes IDC)
• Project period is two years
• Research plan is limited to 12 pages (only includes: Specific Aims and Research Design and Methods)
• Research sharing plans MUST be included
• Mock proposal to be available on Research Website
• Carefully read the RFA for scientific areas being funded through this announcement and special instructions to complete the application

RC1 “Challenge Areas”

(01) Behavior, Behavioral Change, and Prevention
(02) Bioethics
(03) Biomarker Discovery and Validation
(04) Clinical Research
(05) Comparative Effectiveness Research (CER)
(06) Enabling Technologies
(07) Enhancing Clinical Trials
(08) Genomics
(09) Health Disparities
(10) Information Technology for Processing Health Care Data
(11) Regenerative Medicine
(12) Science, Technology, Engineering and Mathematics Education (STEM)
(13) Smart Biomaterials – Theranostics
(14) Stem Cells
(15) Translational Science
INVESTING IN PUBLIC SAFETY

On Friday, March 6th, 2009, President Obama and Attorney General Holder announced the allocation of $2 billion in funds from the American Recovery and Reinvestment Act to control crime and improve the criminal justice system.

Edward Byrne Memorial Justice Assistance Grant (JAG) Program

Estimated State vs. Local Government Distribution of Funds

- State (60%)
- Local (40%)

The JAG Program allows states and local governments to support a broad range of activities to prevent and control crime and improve the criminal justice system.

SOURCE: Department of Justice
"Making supplemental appropriations for job preservation and creation, infrastructure investment, energy efficiency and science, assist to the unemployed, and State and local fiscal stabilization, for the fiscal year ending September 30, 2009, and for other purposes." – American Recovery and Reinvestment Act of 2009

In an effort to provide complete transparency for Recovery Act spending, the website RECOVERY.gov was created. A helpful timeline about the Act is also available.

**Search Recovery Act Funding Opportunities on Grants.gov**

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<th>Grantor Agency Recovery Sites</th>
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<tr>
<td>Agency for International Development (USAID)</td>
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<tr>
<td>Corporation for National and Community Service (CNCS)</td>
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<tr>
<td>Department of Agriculture (USDA)</td>
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<td>Department of Commerce (DOC)</td>
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<td>Department of Defense (DOD)</td>
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<td>Department of Education (ED)</td>
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<tr>
<td>Department of Energy (DOE)</td>
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<td>Department of Health and Human Services (HHS)</td>
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<td>Department of Homeland Security (DHS)</td>
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<tr>
<td>Department of Housing and Urban Development (HUD)</td>
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<td>Department of Justice (DOJ)</td>
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<td>Department of Labor (DOL)</td>
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<td>Department of State (DOS)</td>
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<td>Department of the Interior (DOI)</td>
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<td>Department of Transportation (DOT)</td>
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<td>Department of Treasury (TREAS)</td>
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<td>Department of Veterans Affairs (VA)</td>
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<td>Environmental Protection Agency (EPA)</td>
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<td>General Services Administration (GSA)</td>
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<tr>
<td>National Aeronautics and Space Administration (NASA)</td>
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<td>National Endowment for the Arts (NEA)</td>
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<tr>
<td>National Science Foundation (NSF)</td>
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<td>Small Business Administration (SBA)</td>
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<tr>
<td>Smithsonian Institution (SI)</td>
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<tr>
<td>Social Security Administration (SSA)</td>
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Research and Science

Spotlights

Avian Flu Tests, Vaccines, Medications
There is no vaccine available to protect humans against H5N1 avian influenza. Funding supports research to produce vaccine and extend its supply.

Avian Influenza Research
Research title, investigator, institution, and brief.

Integrated Taxonomic Information System
Plants, animals, fungi, microbes, A partnership with Canadian and Mexican agencies, and the Global Biodiversity Information Facility.

Plant Biological and Molecular Processes
Research that forms the basis for greater crop productivity, efficiency, quality, sustainable practices, and protection against pests and diseases.

Phytocultural Database
Search by name or alphabetical list, find chemical structure, formula, molecular weight, synonyms, biological activities, and references.

National and International Research Programs and Projects

TEKTRAN Research Manuscripts Database
Published or soon to be published articles of recent research results.

Current Research Information System

Features

Reports

- Watershed Flood Control
- Harmony Between Agriculture and the Environment
- Molecules to Meals: Understanding the Health-Promoting Effects of Phytochemicals
- Research and Development
COM Research Support

**IF YOU NEED ASSISTANCE, PLEASE CONTACT US ASAP…**

- **Biosketch & Format:**
  - Jo Ann Moore at jamoore@health.usf.edu
  - Yolmari Cruz at ycruz@health.usf.edu
  (Use Research Directory for Biosketch)

- **Budget Preparation & Justification:**
  - Matt Anderson at manders1@health.usf.edu

- **And Other Administrative Areas…**
Other Information

• Boilerplate Information on Websites:
  – USF Office of Research & Innovation
  – COM Office of Research

• Proposal “Registration” on Websites:
  – USF Health Research
  – COM Research

• Check box on Internal Form