CIO Update

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Research.gov: Meeting the Needs of NSF and the Research Community

Research.gov:

- Is a modernization of FastLane
- Is based on established policies and business processes that NSF employees, applicants, and awardees are familiar with.
- Provides the research community with access to tools for research-oriented agencies
- Enables NSF to comply with recent government-wide mandates and guidelines.
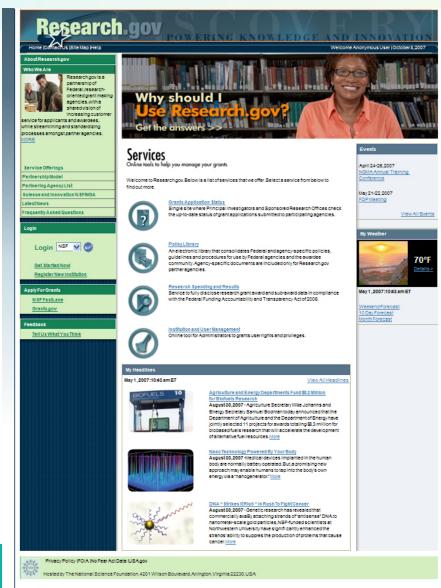- Fulfills NSF's role as a GMLoB Consortium Lead

Government-wide Direction

- In August 2007, OMB issued Grants Management Line of Business guidance requiring agencies to align to one of the three existing Consortia Leads.
  - **FY08 Q1 milestone: agencies are required to execute a signed Memorandum of Understanding (MOU) with a Consortia Lead**
  - **FY08 Q2 milestone: agencies are required to submit an Implementation Strategy Plan**

- NSF is partnering with USDA/CSREES and in discussions with:
  - **Air Force Office of Scientific Research**
  - **NASA**
  - **DOE Office of Science**
  - **Office of Naval Research**
  - **Army Research Office**
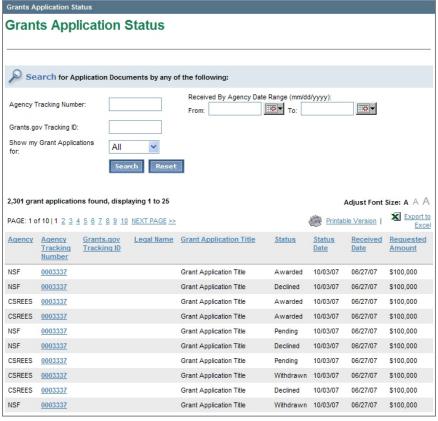 - **Social Security Administration**

Research.gov Portal

- Research.gov is a web portal for research institutions to access a menu of grants management services and information in one place.

  - Services and information currently available for NSF and USDA's Cooperative State Research, Education, and Extension Service (CSREES)

- Additional FastLane functions will be migrated to Research.gov over time

  - FastLane and Grants.gov will continue to offer "apply "

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Research.gov Pilot

- Research.gov released a Grant Application Status Pilot in September 2007.

- The pilot allowed PIs and SPOs to view the status of their CSREES and NSF applications.

- 51 Research institutions participated in the pilot.

- Feedback was very positive and NSF used it to further improve this service offering for the Fall release.

"This is a great site that I expect will be greatly appreciated by the research community and the public."

- Sponsored Programs Officer from Clemson University

Fall 2007 Release

Initial public release is planned for December 2007 and will include:

- **Grant Application Status** –SPOs and PIs can check the status of proposals submitted to NSF and CSREES as they are received and reviewed and view a history of their submissions, panel summaries and reviews, and award and/or authorization notices.

- **Research Spending and Results** – NSF award information available to be searched by the public in compliance with the Federal Funding Accountability and Transparency Act of 2006.

- **Policy Library** – Electronic library that consolidates Federal and agency-specific policies, guidelines and procedures for use by Federal agencies and the awardee community.

- **Research Highlights** - The public will be able to view highlighted research activities from NSF and CSREES.

- **Portal** - Single-access portal to conduct grants management business with Federal research grant-making agencies. Users will automatically be shown the information and services relevant to their role. Institutions will be able to add new users and give them appropriate access.

Future Service Offerings

- Research.gov will deliver services based on the priorities of NSF and the research community.

- Candidate upcoming service offerings include:

  - **Research Performance Progress Reports -** Online tool to complete and submit research performance progress reports using the standard research and related dataset.

  - **Grant Financial Management Functions -** Grant financial functions that include:
    - **Payments and Cash Requests** - Allows grantees to request electronic funds disbursement and payment
    - **Federal Financial Reporting** - Allows grantees to complete and submit the consolidated Financial Status Report (SF-269) and Federal Cash Transaction Report (SF-272)

  - **Increased access to grant information -** Expanded access to grant information, such as "Activities and Findings" from annual project reports.

Research.gov Architecture

- Research.gov is deployed on a modern technology platform using best-of-breed infrastructure including:
  - Oracle Database
  - BEA Portal Servers
  - Interwoven Content Management
  - Documentum Document Management
  - Sun Identity Management

- Research.gov is hosted in a state-of-the-art commercial data center:
  - 99.99% service availability for portal
  - Extensive physical security
  - Redundancy built-in for power, network, cooling, etc. to ensure high availability

- Utilizing commercial products and hosting services will enable more agile and flexible capabilities at reduced cost and capital investment in IT Infrastructure

Partnering with the Community

- The Research Community has embraced Research.gov at:
  - Federal Demonstration Partnership meetings
  - NSF's Regional Grants conferences
  - Meetings of the National Council of University Research Administrators and the Society of Research Administrators

- Promoting Research.gov at these events and getting feedback from users will help ensure we deliver services that meet the needs of the research community.
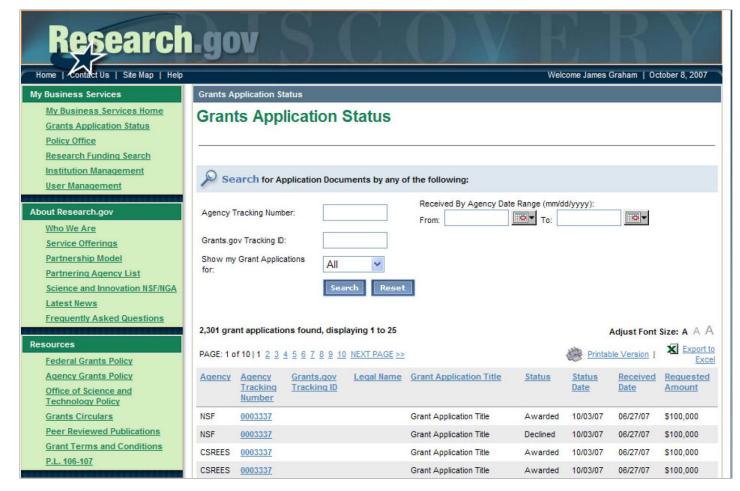
Next Steps

- Provide a common face and services to the research community

- Identify opportunities where partnering with another agency on Research.gov will benefit our grantees

- Increase quality and scope of services available to NSF and its community via Research.gov

Appendix A—
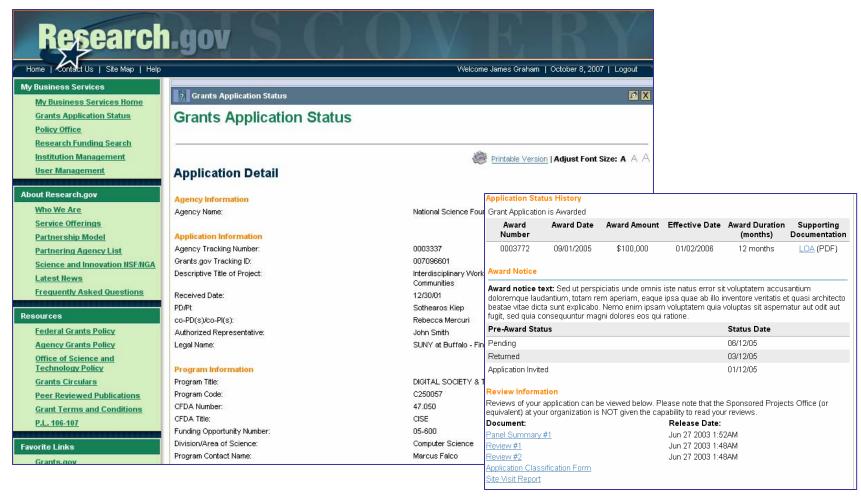# Research.gov Service Offerings
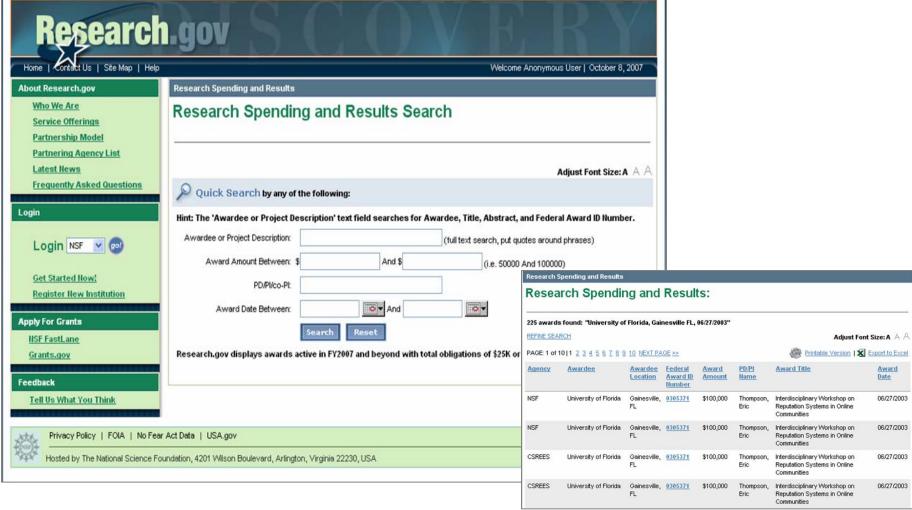# Fall 2007 Release

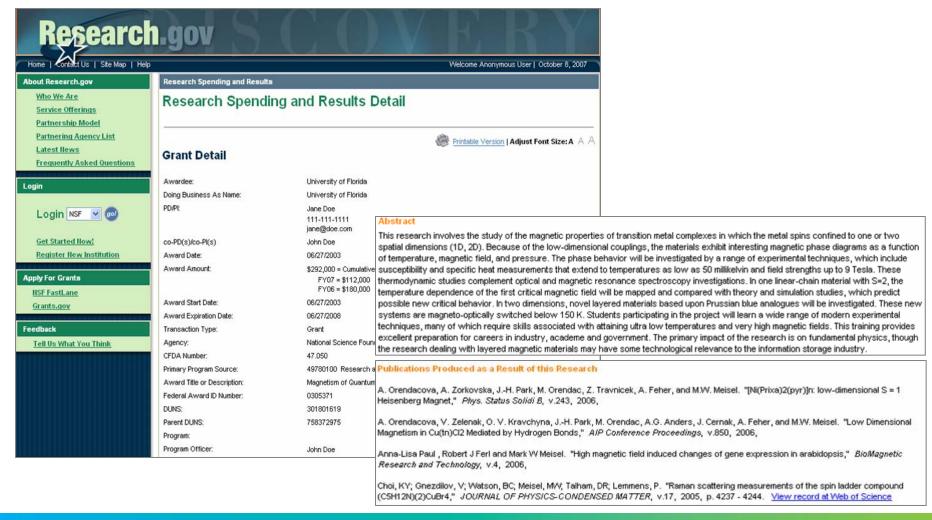# Grant Application Status

Grant Application Detail
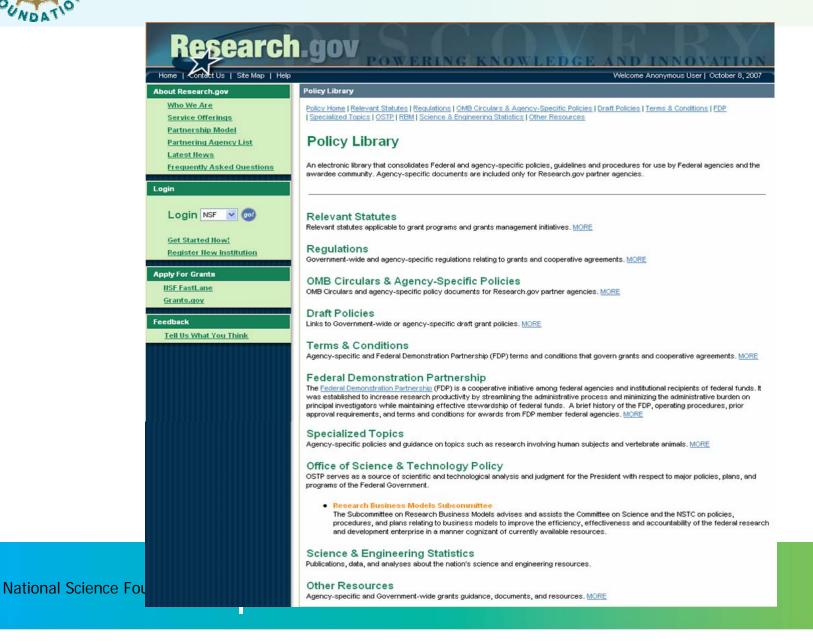
Research Spending and Results Search

Research Spending and Results Detail

Policy Library

National Science Fou

Research Highlights