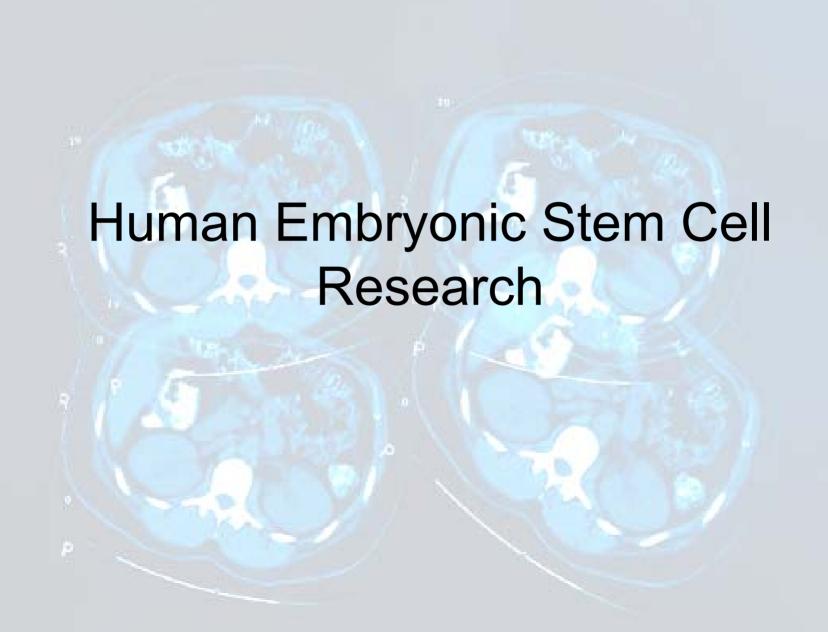
### 2002 NIH Update

- Hot Topics
- Pre-Award News
- Post Award News
- Compliance News
- What's New in the World of eRA?





#### **Stem Cell Research Policy**

#### Criteria for Federally-Funded Research:

- Derivation of the cells from the blastocyst (early embryo) must have been initiated prior to 9 p.m. EDT August 9, 2001
- Embryo was created for reproductive purposes and no longer needed
- Informed consent from donors to use the cells for research
- No financial inducements for the donation

#### **OER Stem Cell Web Site**

http://grants.nih.gov/grants/stem cells.htm

#### Listing of FAQs by topic:

- Research Funding Opportunities
- Administrative Issues
- Training
- Grant Application Assistance
- Research Prohibitions
- Institutional Review Board Issues
- Acquisition of Stem Cells
- Intellectual Property Issues

(Topic list as of 7/26/2002)

### Biodefense

#### .

#### NIH Plan for Biodefense Research, FY2003

#### **Research Facilities Construction**

□ Build BSL-3 and BSL-4 labs (including at the comprehensive research centers)

#### **Basic Research on Agents of Bioterrorism**

- Support research programs in at least 4 comprehensive extramural centers in FY03
- Conduct genomic sequencing and proteomic analysis on up to 25 pathogens
- □ Expand training programs

#### **Drugs/Vaccine/Diagnostic Discovery and Development**

- Test and develop candicates for next-generation anthrax vaccine
- Engage industry through challenge grants
- □ Establish repositories for diagnostic and drug reagents
- Develop animal models, establish high-containment facilities and services

#### **Clinical Research**

- □ Expand clinical trials infrastructure (VTEUs)
- Conduct smallpox, anthrax, and ebola clinical trials











**Antimicrobials** 



**Diagnostics** 



**Vaccines** 



**Expansion of** Research **Capacity** 

### Select Agents



### Select Agent Rule

- Public Health Security and Bioterrorism Response Act of 2002 (H.R. 3448)
  - Signed by the President on June 12, 2002
  - > Includes possession and use of agents
  - Requires registration of
    - > Facilities
    - > Individuals
  - Generation of a SA list by the USDA

# Select Agent Interagency Working Group

- Lead agency: CDC
- Participating agencies: NIH, FDA, USDA, CIA, FBI, DOD, DOJ, DOT, DOC, EPA, US Postal Service, Office of Homeland Security

# For more information on Select Agents:

- Current CDC Select Agent Rule http://www.phppo.cdc.gov/nltn/sar.asp
- Public Health Safety and Bioterrorism Preparedness and Response Act of 2002
  - http://www.cdc.gov/od/ohs/Irsat/bioterro.htm
- Proposed Revisions to Select Agent List http://www.access.gpo.gov/su\_docs/fedreg/a020823c.html
- NIH Guidelines for Research Involving Recombinant DNA Molecules
  - http://www4.od.nih.gov/oba/rac/guidelines/guidelines.html
- FAQs About Institutional Biosafety Committee http://www4.od.nih.gov/oba/IBC/IBCindexpg.htm

# Health Insurance Portability and Accountability Act of 1996 (HIPAA) – effective April 13, 2003

Guidance for grantees currently in development

#### **New IOM Report Published -**

Integrity in Scientific Research: Creating an Environment that Promotes Responsible Conduct, July 2002.



#### **Proposed OMB Changes**

- Proposed changes in cost principles (Circulars A-21, A-87, and A-122) is an effort to make the descriptions of similar cost items consistent with one another;
- Federal Financial Assistance Management Improvement Act of 1999 (P.L. 106-107)
- Standard data elements for program announcements through E-Grants in Fed Biz Opps; and
- Standard format for program announcements.
- Revision of Circular A-133, proposes to increase audit threshold from \$300,000 to \$500,000



### Loan Repayment

- The LRP provides for the repayment of the educational loan debt of qualified health professionals who agree to conduct biomedical research.
- Payments will be a contract (not a grant) and disbursed directly to the financial institution holding the education loan
- Will cover up to \$35,000/year (principal & interest), plus Federal taxes

See Oct 10 NIH Guide (NOT-OD-03-004)

http://grants.nih.gov/grants/guide/notice-files/NOT-OD-03-004.html

And Oct 10 NIH Guide (NOT-OD-03-005)

http://grants.nih.gov/grants/guide/notice-files/NOT-OD-03-005.html

#### Loan Repayment Program:

"What Does the Future Hold?"

- Program continues to be refined
- Multiple receipt dates can be anticipated in the future
- Possible changes to eligibility criteria
- Possible growth in the number awarded
- All changes will be announced in NIH Guide

Grantees can sign up for listserv to receive information on next application cycle.

http://www.lrp.nih.gov/

### The NIH Budget

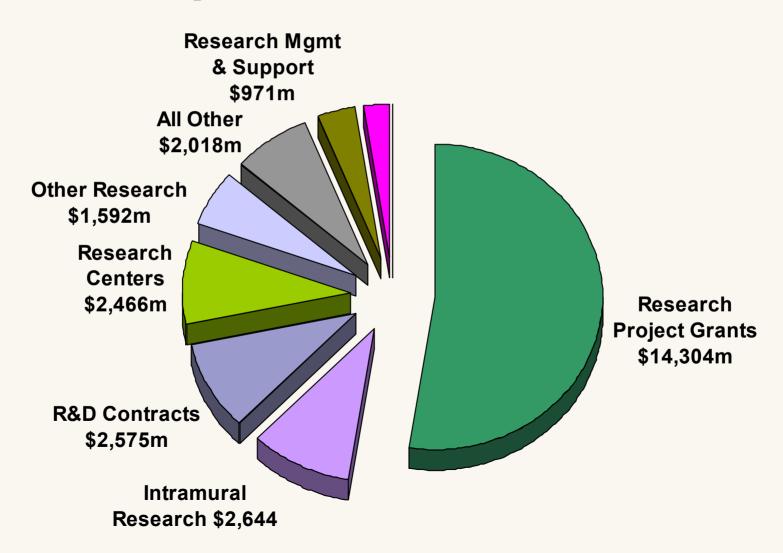
## FY 2003 President's Budget Request

- Increase of 16.7% over the FY 2002 appropriation
- 9,854 Estimated Competing RPG awards
- The FY 2003 budget completes the President's commitment to double the FY 1998 appropriation level in five years
- New proposal to double the NIH budget yet again

### Research Initiatives in FY 2003 President's Budget Request

- Bioterrorism
- Cancer
- Diabetes
- Minority Health and Health Disparities
- Parkinson's Disease

# FY 2003 President's Budget Request \$27.3 Billion



### Other Updates

# Non-competing Continuation Grant Progress Report

Last pre-printed "hard copy" Face Pages mailed in June 2002 for November 2002 start dates

Beginning with December 2002 start dates grantees must use website <a href="http://era.nih.gov/userreports/pr">http://era.nih.gov/userreports/pr</a> due.cfm

NIH Guide Notice: August 13, 2002

http://grants2.nih.gov/grants/guide/notice-files/NOT-OD-02-066.html

# Change in PHS Policy on Humane Care and Use of Laboratory Animals

As of October 1, 2002 receipt date, IACUC approval information may be provided "just-in-time"

NIH Guide, August 8, 2002

http://grants2.nih.gov/grants/guide/not ice-files/NOT-OD-02-064.html

### Hottest Topic in NRSA News: New Name



# Revised Ruth L. Kirschstein Individual National Research Service Award Application

 The revised application for an Individual National Research Service Award (PHS 416-1) and Progress Report for Continuation Support (PHS 416-9) are now available and may be used by applicants.

# Receipt Dates for Revised 416-1 and 416-9 (cont'd)

- ■For December 2002 receipts, both versions (rev. 12/98 and rev. 6/02) will be accepted.
- ■For April 2003 receipt date, use of the new version (rev. 6/02) is required.

### Notable Changes in PHS 416-1

- The forms will only be available electronically
- Fillable forms using Adobe Acrobat
- Human Subjects specific instructions provided for use of human subjects in research
- New format pages for women and minority enrollment
- Vertebrate Animals –now under the "just-in-time" procedures

# Notable Changes in PHS 416-1 (cont')

- Face Page Human Subjects Research box and Vertebrate Animals box modified
- Personal Data Page updated Race and Ethnicity Categories
- New Format Pages Targeted/Planned Enrollment Table and Inclusion Enrollment Report

### Intellectual Property

## Invention Reporting Requirements of Grantee/Contractors

Administrative Requirements (per 37CFR, 401.14)

- Implement Employee Agreements ⇒ as needed
- Disclose Each Invention ⇒ within 60 days
- Resolve Election or Waive of Title ⇒ within 2 years
- File Patent ⇒ within 1 yr. of election
- Provide License to the Govt. ⇒ upon title election
- Indicate Govt. Support on Patent ⇒ with patent appl.
- Share Royalties With Inventor ⇒ when available
- License Small Businesses ⇒ where feasible
- Product Manufacturing in U.S. ⇒ required
- Report on Invention Utilization ⇒ annually



# **Grantee/Contractor Reporting of Intellectual Property Utilization**

- Effective January 1, 2002, invention utilization reporting requirements will change
- Most substantive change involves the addition of a question that requires the commercial name of any FDA approved products, utilizing any invention, that have reached the market during the annual reporting period

See NIH Guide 12/13/2001,

http://grants.nih.gov/grants/guide/notice-files/NOT-OD-02-019.html



Implementation of this policy will be deferred for twelve months.

NIH Guide, August 8, 2002

http://grants2.nih.gov/grants/guide/noticefiles/NOT-OD-02-065.html

NIH Guide, March 14, 2002

http://grants.nih.gov/grants/guide/notice-files/NOT-OD-02-039.html

## Pre-Award and Post-Award Administration

### **Applications and Forms: Restriction on Submission**

Prior approval is required for competing applications that request \$500,000 total direct costs or more for any budget period.

NIH Guide, October 16, 2001

http://grants.nih.gov/grants/guide/notice-files/NOT-OD-02-004.html

# Applications and Forms: PHS 398 and 2590 - New Requirements for Reporting Race and Ethnicity

Investigators must follow new OMB standards for collecting data on race and ethnicity

#### Requires asking subjects minimum of 2 questions:

- Ethnicity
- Race with option to select more than one



## Applications and Forms: Application Format

The Center for Scientific Review will check competing applications for adherence to format.

#### Requirements:

Type size

Page limits

Margins

NIH Guide May 4, 2001,

http://grants.nih.gov/grants/guide/notice-files/NOT-OD-01037.html

## **Applications and Forms: Questions?**

Dedicated e-mail address for questions on format:

format@mail.nih.gov

Frequently asked questions on format:

http://www.format.nih.gov





## **Change of Receipt Dates for AIDS or AIDS-Related SBIR and STTR Applications**

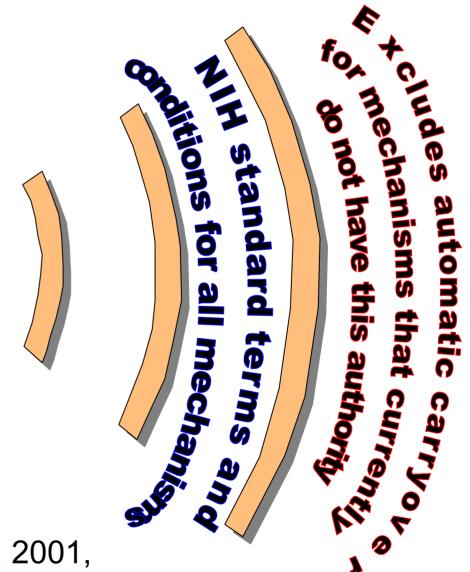
As of March 2002, the receipt dates for SBIR (R43 and R44) and STTR (R41 and R42) applications that propose AIDS or AIDS-related research will become the same as for all other AIDS applications: May 1, September 1, and January 2.

NIH Guide, March 7, 2002

http://grants1.nih.gov/grants/guide/notice-files/NOT-OD-02-036.html

### **Expanding Expanded Authorities**

Expanded Authorities



See NIH Guide, September 28, 2001,

# Requirement for Education in the Protection of Human Subjects

NIH education requirement remains in effect for all key personnel\*\* involved in human subject research

\*\* Key personnel are defined as those staff who are significantly involved in the design and conduct of the research.



# NIH Announces Statement On Certificates Of Confidentiality

- Certificates are issued by NIH to protect identifiable research information from forced disclosure
- They constitute an important tool to protect the privacy of research study participants
- Information is available at the Certificate Kiosk
- NIH Guide March 15, 2002, http://grants.nih.gov/grants/guide/noticefiles/NOT-OD-02-037.html



#### The grantee must:

- Notify Chief GMO to assure that the conflict of interest is being managed, reduced, or eliminated
- Provide additional information, if requested
- Address FCOI in consortium agreements



See the following NIH Guide Notices for additional info:

http://grants2.nih.gov/grants/guide/notice-files/NOT-OD-00-040.html http://grants2.nih.gov/grants/guide/notice-files/not95-179.html

NIH Analysis of COI policies at:

http://grants1.nih.gov/grants/policy/coi/nih review.htm

### **Graduate Student Compensation**

- Ties compensation on research grants to the zero level NRSA postdoc stipend in effect at the time of award
- Compensation continues to include "salary or wages, fringe benefits and tuition remission"
- If submitting an itemized budget, grantees should request actual institutional-based compensation and include justification

See NIH Guide, 12/10/2001, http://grants.nih.gov/grants/guide/notice-files/NOT-OD-02-017.html

# Graduate Student Compensation (cont.)

- NIH staff will review and determine appropriate level at the time of award
- Revised budgets (modular or itemized) will not be accepted solely to adjust this compensation level
- No adjustments will be made to noncompeting award levels or future years
- Grantees may rebudget to accommodate the higher level
- This policy was effective with awards issued on or after 12/10/2001

#### NRSA - What's New?

#### Part-time Training

- NRSA legislation revised in FY2001 to include part-time training "in cases of disability or pressing family need" will apply to both fellows and trainees
- Will require awarding IC prior approval
- Must continue to be at least 50%, less than 50% would require leave of absence from NRSA support

#### Discipline Coding

 Old "Discipline/Specialty/Field Codes" now called "Field of Training (FOT)"



## FY 2003 Proposed NRSA Budget and Policy Changes

- Proposed stipend increase proposing 10% for Predoc and entry-level Post-doc, smaller increases for other Post-doc levels
- Discussing increase in Postdoc institutional allowance
- Discussing potential change in leave policy

# F&A Costs for Foreign and International Organizations

Grants to foreign organizations and foreign consortium participants are now eligible to receive F&A cost

#### 8% F&A -less equipment

- F&A costs are provided to support the costs of compliance with DHHS and NIH requirements.
- NIH will not support any capital expenses (facilities), or normal general operations related to foreign and international organizations.

The policy change was effective 10/01/2001, see NIH Guide March 29, 2001:

http://grants.nih.gov/grants/guide/notice-files/NOT-OD-01-028.html



### **Updated Resource**

- Revised "Grants Administration Information Sources" is now available at: <a href="http://grants.nih.gov/grants/policy/grants\_info.pdf">http://grants.nih.gov/grants/policy/grants\_info.pdf</a>
- Provides updated contact information for Grants Administration individuals at all NIH ICs

## Compliance News

# Division of Grants Compliance and Oversight

- Established August 28, 2001
- Division within the Office of Policy for Extramural Research Administration, OER
- Emphasis on external and internal compliance activities

### **Audit/Review Oversight**

- A-133 audits
- CFO audits
- IG and GAO reviews
- OMA reviews



### **Other Compliance Activities**

- Provide direction and advice to ICs and institutions on compliance issues
- Focal point for financial conflict of interest notifications
- Institutional compliance cases
  - □ Corrective action plans
- Outreach
  - Educational seminars
  - □ National and regional meetings
- Proactive Compliance Site Visits



# NIH Proactive Compliance Site Visits: Objective/Purpose

#### Objective

Move from reactive noncompliance to proactive compliance

#### **Purpose**

- To assess the level of understanding of certain Federal/NIH requirements
- To assist in ensuring compliance with NIH requirements

# Proactive Compliance Site Visit Summary: FY2000-FY2002

#### 26 institutions:

20 universities/medical schools

4 non-profits (3 AIRI institutions)

2 hospital

Geographic diversity



Expanded education-outreach seminar

### NIH Proactive Compliance Site Visit Program has...

- Initiated the process of moving from reactive to proactive
- Confirmed that:
  - Compliance is an ongoing and dynamic process and is more likely to be present and effective if it is established as an institutional expectation
  - ☐ Site visits build a foundation of partnership
  - Recipients are committed to properly administering sponsored activities although institutional oversight is not always evident



#### **Outcome**

Proactive Compliance Site Visits: A Compendium

Subject matter focus

Regulations/policies/guidelines

Summary observations

Examples of compliance in action

Available on Grants Compliance and Oversight page <a href="http://grants.nih.gov/grants/compliance/compliance.htm">http://grants.nih.gov/grants/compliance/compliance.htm</a>

**Newly updated** 



### NIH eRA Objective: Full Electronic Grants Administration

**Applicant/Grantee Interface – NIH Commons** 

225,000,000 Pieces of Paper

#### NIH Grants Database Interface – IMPAC II



**NIH Institutes and Centers** 

### NIH eRA Objective: Full Electronic Grants Administration

#### **Applicant/Grantee Interface – NIH Commons Scientific Periodic Reports Final Reports Other Support Proposals** - progress - progress **Project Specific** - financial - financial Certifications **Assurances** - inventions **Assurances** - inventions - women/minorities **Common File Summary** Post-Award **Assignment Grants** Statement Correspondence **Application Policy Priority Notice of Grant Specification Statement Score Award** NIH Grants Database Interface – IMPAC II

**NIH Institutes and Centers** 

### **NIH ERA Components**

#### **Unrestricted Interfaces**

- NIH and OER Web Sites <a href="http://www.nih.gov/grants">http://www.nih.gov/grants</a>
- CRISP on the Web Awards Database <a href="http://crisp.cit.nih.gov">http://crisp.cit.nih.gov</a>

#### Restricted Interfaces - <a href="https://commons.era.nih.gov">https://commons.era.nih.gov</a>

- Commons Registration Secure access for grantee institutions
- Accounts Administration Secure access for grantees
- Application/Award Status Monitor pending grant applications
- Institutional & Professional Profiles Maintain repetitive information about institutions and investigators
- Competitive Application Competing Grant Application
- Trainee Appointments (X-Train) Appointment and administration of grantee trainees
- Submission of non-competing progress reports (e-SNAP)
- Financial Status Report (FSR)
- Interagency Edison Invention Reporting

### **Commons Working Group (CWG)**

#### eRA feedback from the extramural community

- Definition of user requirements
- Definition of future priorities
- Assistance with testing and deployment

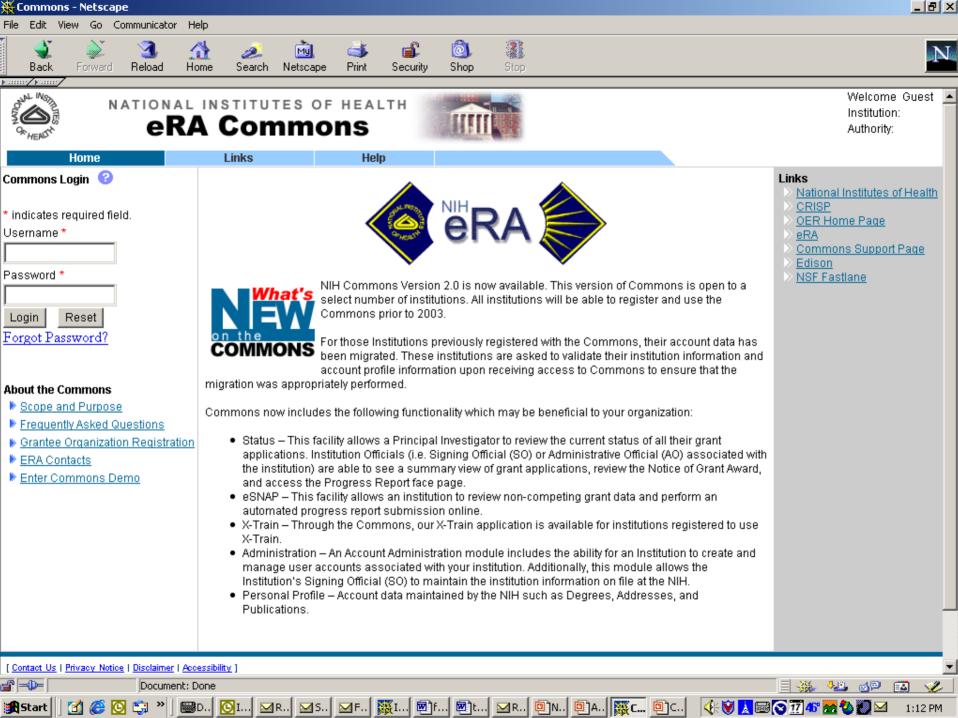
#### Representatives from 18 institutions

- Diverse skills
  - 14 Research Administrators
  - 6 IT Technologists
  - 4 Active Research Faculty
- Diverse institutional representation
  - 13 NCURA members
  - 11 SRA members
  - 10 FDP institutions represented
  - 13 COGR institutions represented

### и.

#### **CWG-Related Issues**

- Commons V 2.0 User Interface
- Streamlining Noncompeting Progress Reporting
  - Type 5 Awards
- Review of Financial Status Report Software
- Review and Potential Streamlining of the Competitive Application Process



#### NIH Commons V 2.0 User Interface

#### **Deployment of new User interface – October 2002**

- New GUI (user interface) standards
- Production deployment to all grantee institutions
- Interfaces
  - Commons registration
  - Accounts administration
  - Application/award status
  - X-Train (Trainee Appointments)
- October 14, 2002: Production deployed to CWG
- Open Registration: December 10, 2002



### All institutions to register whether submitting electronically or in paper

 Improve data quality for electronic and paper submissions

## e-Notification (Type 5 Notification)

#### Phase 1 - OER Website

http://era.nih.gov/userreports/pr due.cfm

- Launched August 13, 2002. See Guide Notice OD-02-066
- Provides institution-specific list of Type 5s according to Due Date
- Records drop off the list as NIH staff indicate "received" in IMPAC II
- Mailing of Face pages discontinued as of December 2002 start dates. See NIH Guide Notice OD-02-047.

### e-Notification (cont.)

#### Phase II - NIH Commons "pull technology"

- Status Interface will provide AO with list of Type
   5's according to Due Date
- Each Type 5 will include link to pre-populated face pages (PHS 2590 & PHS 416-9)

#### Phase III - NIH Commons "push technology"

- Commons Registration includes new e-mail address for "push" notifications
- Later release "push" to individual PIs and list to AOs

## Streamlining Noncompeting Award Process (SNAP Progress Report)

#### e-SNAP: Pilot Deployment November 2002

- Optional sign-off by business official
- □ Flexible routing for approvals prior to submission to NIH
- □ Submit 45 days before budget period start date
- Separate data area for science highlights
- □ Ability for interim updates
- □ Eliminate IRB and IACUC review dates
- Assurances and certifications part of institutional profile

## Electronic Financial Status Report (eFSR)

## Commons-based submission and approval of FSRs

#### eFSR: Pilot Deployment November 2002

- □ Deployment critically dependent on shut down of mainframe system (IMPAC I) 12/31/02
- □ Full implementation critically dependent on Commons registration
- Open Registration begins December 10, 2002
  - □ See NIH Guide Notice OD-03-008; November 1, 2002

## Reengineering the Competitive Application

#### **November 2001 CWG meeting**

Streamlining data requirements

Advantages offered by implementation of profiles

Advantages offered by recategorizing of information

Opportunities to question need for information

#### **January 2002 CWG meeting**

Streamlining business process

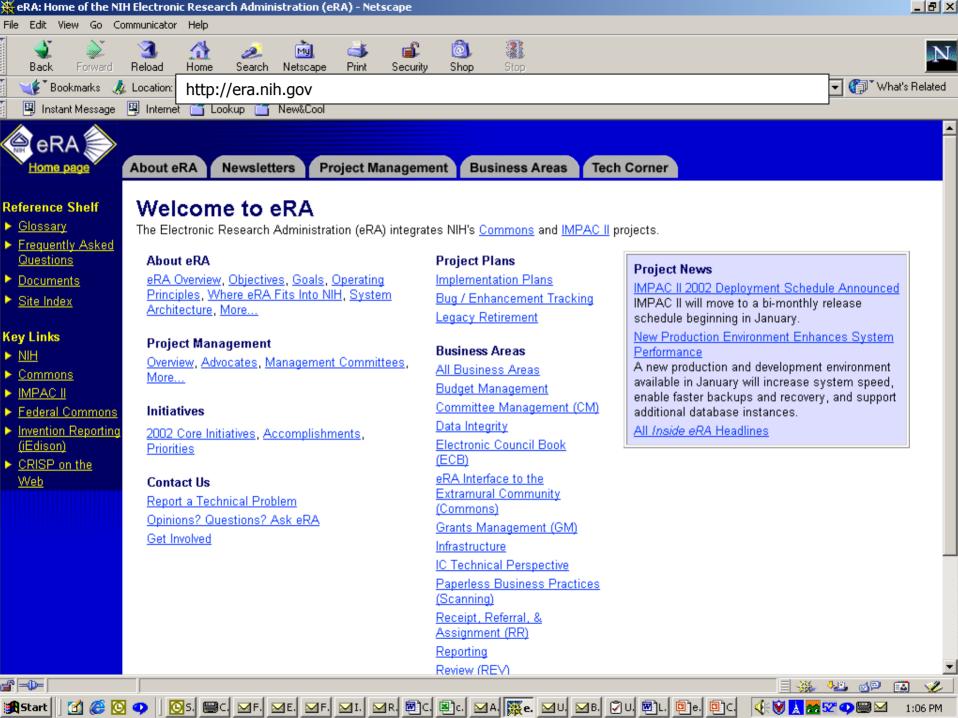
Receipt, referral, review

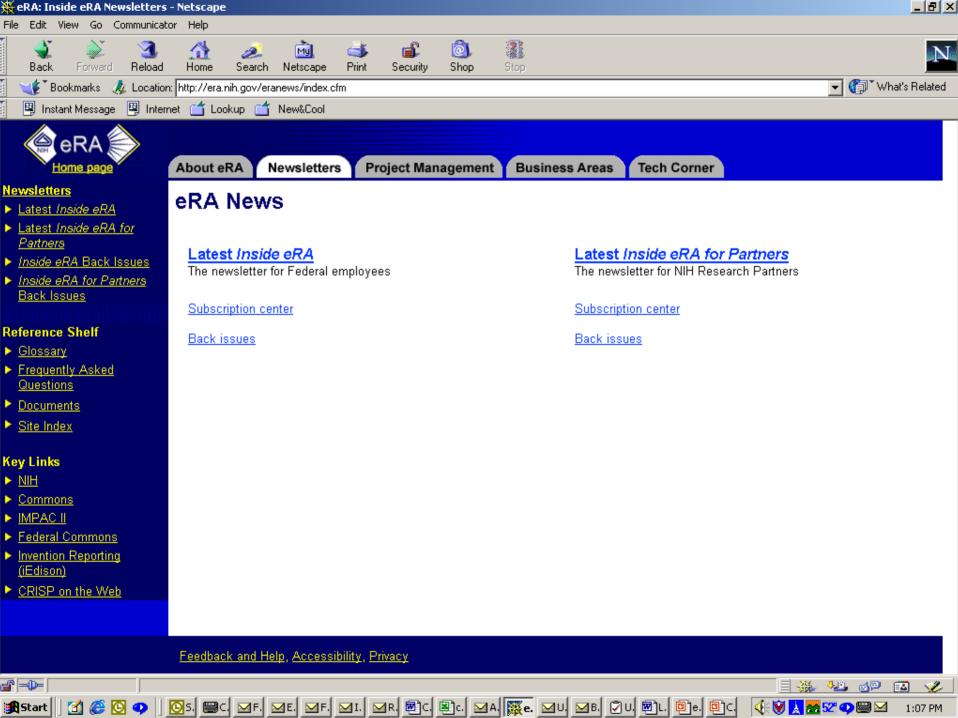
Just-in-time submissions

Application schedule and content

## Design/develop of Electronic Competing Grant Application

 Pilot datastream deployment possible near end of FY03





### NIH eRA User Support

- Questions about
  - □ eRA design
  - Deployment schedule
  - □ Advice on implementation planning
  - □ Commons registration
  - □ User support
- eRA Help Desk:

(866) 504-9552 or (301) 402-7469

Mon-Fri, 7:30-5:30 Eastern Time commons@od.nih.gov



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