Users

Faculty, Departmental Administrators

Central Administrators

EGMS - Electronic Grants Management System

EGMS-external (EGMS\textsubscript{e})
Proposal Form Preparation

Grants.gov

EGMS-internal (EGMS\textsubscript{i})
Award Management (SPA)

Financial System

When

1997
Version 2.0
August, 2004
Pilot, Pending

January, 2005
In Place

*eResearch Central: INTEGRATION AND SIMPLIFICATION*
TARGETS FOR SUCCESS

• PROVIDE A “HOME” FOR COMPLIANCE
  eResearch Central
  • No more “surfing the web” in search of the U compliance websites

• PROVIDE DATA CONSISTENCY
  Data Sharing
  • Data are stored in many databases, but one always sees the same data

• GATHER INFORMATION ONLINE, ONE TIME
  Form Builder
  • Only ask pertinent questions and get higher quality answers
  • Complete only one form and satisfy many compliance requirements
eResearch Central

One Place
A website where a researcher or research assistant can go to find their compliance tasks, forms, guidelines.

Current Work:
• Actions needing attention (continuing reviews, responses to review stipulations, etc.); documents in progress.

Track Documents:
• Track the status of previously prepared and submitted documents.

Initiate Actions:
• New project, report adverse events to IRB, submit change in protocol to IRB, preparation of REPA or ARMER forms, PTM Intellectual Property Disclosure, etc.
• Links to other research activities such as new project or proposal, preaward/advance account request, no cost extension request, etc.

Announcements, Guidelines & Wizards:
• How To guidelines, tips and tricks, etc.
• Compliance Wizard: What are the compliance requirements for this project?
• Upcoming deadlines, changes in procedures/policies, etc.
### eResearch Central

<table>
<thead>
<tr>
<th>Compliance Area</th>
<th>When</th>
</tr>
</thead>
<tbody>
<tr>
<td>Report of External Professional Activities (REPA)</td>
<td>Late 1990s</td>
</tr>
<tr>
<td>Effort Certification (ECRT)</td>
<td>Spring, 2004</td>
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<tr>
<td>Research Subjects Protection Program (RSPP)</td>
<td>2004/2005</td>
</tr>
<tr>
<td>Institutional Review Board (IRB)</td>
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<tr>
<td>Institutional Animal Care and Use Committee (IACUC)</td>
<td></td>
</tr>
<tr>
<td>Institutional Biosafety Committee (IBC)</td>
<td>2005</td>
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<tr>
<td>Annual Report of Materials Used in Education and Research (Armer)</td>
<td>November, 2004</td>
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<tr>
<td>Cancer Center Protocol Review Committee (CCPRC)</td>
<td>?</td>
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<tr>
<td>General Clinical Research Center (GCRC)</td>
<td>?</td>
</tr>
</tbody>
</table>

#### Compliance Database Integration Project (CDIP)

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*eResearch Central: INTEGRATION AND SIMPLIFICATION*
PURPOSES OF THE CDIP PROJECT

Imagine a researcher needing to obtain compliance approval for their study. Where do they go? What do they do?

- There are over 12 specialized compliance committees and review boards at the University.
- Many of the committees and review boards have their own websites and “paper” form, but some do not have websites and are difficult to find.
- The researchers must enter the same information about their study on many different forms.
- The researchers must read question after question that do not pertain to their study.
- The same information may be entered differently from form to form, presenting an auditing nightmare.

CDIP PURPOSE: SAVE TIME, REDUCE FRUSTRATION, AND INSURE COMPLIANCE STANDARDS ARE BEING MET.
Integrated Research “Mall”
One Entry Point - Many Shops

Data Pipeline

Delegate to my Assistant

Researcher

What's the Status of my Study?
I want to create a new study
Decision Drivers
Basic Data

Data Pages returned based on decisions

Communicate with many systems

Respond to Continuing Review
Report Adverse Events
Respond to Stipulations
Create EGMS Proposal
(and more)

IRB
IACUC
IBC
CPR
CMRC
GCRC

Many Others

Databases

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Data Sharing

Consistency
A rose is a rose is a rose regardless of who (or where one) is looking at the rose.

Common Retrieval Function:
- Data that exist in one system can be viewed by another system.

Example: A list of active awards for a Principal Investigator will be the same list if viewed from RSPP, EGMS or the MyU portal. Researcher doesn’t need to know what system contains the information or status.

How This Would Work:

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Form Builder

**Researcher’s Thoughts:**
- What do I have to do? Where do I go?
- How many times do I have to submit the same information?
- Why are you asking me this question when I told you last time I’m not using recombinant DNA?
- What’s the status of my study review?
- I’m wasting my time! I’m getting frustrated! I’m going to Disney World instead! Hey, I am in Disney World!

**Committee’s Thoughts:**
- The questions are so generic we can’t get the information we need.
- We can’t approve until committee “x” has approved?
- We are buried in paper. We have to key information from paper forms into our database.
- How do we know the information being reviewed by committee “x” is the same as our information?
- We have twenty-two forms and can’t afford technical support to build them.
Form Builder

**Why a Form Builder?**
Currently the researcher has to complete several different electronic or paper-based forms for a variety of committees based on her/his project.

- EGMS proposal
- Proposal Routing Form (PRF)
- IRB Human Subjects Committee Review
- IACUC Animal Subjects Committee Review
- IBC Committee Review
- University Radiation Protection Committee (AURPAC)
- Cancer Protocol Review Committee (CPRC and CPRC/NIT)
- Conflict Management Review Committee (CMRC)
- General Clinical Research Center (GCRC)
- Surgery Protocol Review
- University Research Opportunity Program (UROP)
- Grant-In-Aid of Research, Artistry, and Scholarship Program (GIA)
- Fairview Hospital Review Committee
- And more......
Form Builder

Researchers or their assistants complete form online entering information only once.

Compliance area(s) creates & maintains forms and questions.

Answers go to many places:
- IRB
- CPRC
- Systems

Form Builder
Information Improvements:
• Researcher will be able to see the status of their compliance activities anytime, anywhere.
• Committees and Review Boards will know the status of other committee approvals.
• Data being collected at one time will be the same for all committees and review boards.
• Data collection can also be tailored to specific review board needs.
• Continuing reviews of studies can be synchronized at an enterprise level so the researcher does not have to be in a constant cycle of continuing reviews, and the information collected at a point in time will be consistent.

Saves Time.. Reduces Paperwork
Productivity Improvements:

• Researcher can delegate work as needed and the system will keep track of who is doing what work.
• Time to receive compliance approvals will be reduced since researcher will know all requirements upfront and will not be told they need another compliance approval before they can move forward (Wizard)
• Committee members will read only the information pertinent to the study. Information will be available electronically for committee members as requested.

Saves Time… Reduces Paperwork
Financial FormNirvana nirvana.fss.umn.edu
Last updated Thu Apr 15 15:47:20 2004
You have 0 document.

EGMS forms www.egms.umn.edu
Last updated Thu Apr 15 13:48:19 2004
You have 7 documents.

EGMS Your Awards in Progress

Structure & Function of Epididymis and Vas Deferens
Last Modified: Mon Mar 29 04:30:58 2004
Last updated Thu Apr 15 15:57:01 CDT 2004

Recent Pay Statement is available for viewing.
Last updated Sat Apr 10 22:00:05 2004

eResearch Central: INTEGRATION AND SIMPLIFICATION
Your awards in progress

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<tr>
<th>Award Progress: Award Action</th>
<th>Award Number: 20076597-A01</th>
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<tbody>
<tr>
<td>Award Account Number: 1697-627-6086</td>
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</tbody>
</table>

| Award Title: | Structure & Function of Epididymis and Vas Deferens |
| Principal Investigator: | David W. Hamilton |
| dwh@umn.edu |

<table>
<thead>
<tr>
<th>Action</th>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Award is active and account 1697-627-6086 has been established or updated. The award has a future start date. Award has arrived in SPA. The preaward account 1697-627-6086 has been established.</td>
<td>06/03/2004</td>
<td>07:59 A.M.</td>
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<td>05/27/2004</td>
<td>10:49 A.M.</td>
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<td>03/29/2004</td>
<td>04:30 P.M.</td>
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<td></td>
<td>05/29/2004</td>
<td>01:51 P.M.</td>
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| Grant Administrator: | Garrius James |
| garrius@umn.edu |
| Sponsor Name: | NIH NIEHS INST OF CHILD HEALTH AND HUMAN DEV (NICHD) |
| Sponsor Award Number: | 2RO1-HD611362-23A1 |
| PRF Number | 44756 |
| Award Amount: | $257,550 |
| Project Start Date: | 05/29/1976 |
| Project End Date: | 05/31/2006 |
| EGMS Proposal Number: | 103204 |