

# eNotification

Presentation to CM User Group

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# eNotification - Concepts

- eNotification is a flexible J2EE system that allows for management of Notifications based on Events that happen within eRA.
- Provides for easy management of the Notifications outside of the specific Business Applications, thus not depending on the coding of these Business Areas.
- Provides for on-the-fly content management of the email messages.
- Shared Module - available to all applications.
- Also is a stand alone module with its own login page.

# eNotification – User Access

- Everyone has access to the My User Events Queue (need to rename to My eNotifications).
- Administrators can manage the eNotifications and create emails.
- Monitors (such as Help Desk or Operations) can view other people's queues and Mail Queue. Mail Queue provides ability to Cancel Pending Mail, View text of the sent eMail, and more.

Note: Administrator and Monitor are separate roles

# eNotificaiton – Log in Screen

The screenshot shows a Microsoft Internet Explorer browser window titled "eRA - eNotification - Microsoft Internet Explorer". The address bar contains the URL "http://test.era.nih.gov:7783/enotification/". The page content includes the National Institutes of Health (NIH) logo, the text "NATIONAL INSTITUTES OF HEALTH eNotification", and a login form with fields for "Username:" and "Password:" and a "Login" button. Below the login form, there is a paragraph explaining the eNotification module's purpose and a list of events it notifies. At the bottom, there is a footer with contact information for the NIH, a copyright notice for 2005 NIH, and the GRANTS.GOV logo with the slogan "FIND. APPLY. SUCCEED.".

**NATIONAL INSTITUTES OF HEALTH**  
**eNotification**

Username:   
Password:

The eNotification module notifies IC staff when events occur in the grant life cycle. These events often include mails within and between business areas including:

- Inform Grants Specialist when PO has signed off on a non-competing renewal on the ICO Program Approval screen;
- Inform PO when a non-competing renewal is waiting for PO signoff;
- Inform PO when the SRA has changed the status of a draft Summary Statement to 'Preview'.

The enotification module is designed to replace the multiple notification systems within the eRA that are process specific. This module facilitates notifications between and within business areas, alerts extramural staff when certain grant-related events occur, and provides a common infrastructure that is flexible and capable of handling a multitude of notification tasks. Additionally, it provides capabilities for the eRA Helpdesk and eRA Operations staff to respond to persistent questions and problems in trouble shooting emails and mailers that weren't received or sent.

**This module is currently in Pilot mode please let us know what you think. To provide feedback, send comments to the eRA Helpdesk ([Helpdesk@OD.NIH.GOV](mailto:Helpdesk@OD.NIH.GOV)).**

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Screen Id: NTE0001

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Done Internet

# eNotificaiton – My eNotifications Screen

eRA - eNotification - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Links Work Personal Address <http://test.era.nih.gov:7783/enotification/myq.do?userKeyId=6474711&eventId=9&ever> Go

1 - 15 out of 15 events Prev 1 Next

Event Name	Grant Number	PI Name	Completed Date	Completed By	Appl. Status	Action
PO Approval	1 P20 AR046671-01	HOCHBERG, MARC C	03/22/2005 11:03 AM	PAQUINE	Awarded. Non-fellowships only	<a href="#">Acknowledge</a>
Council Changed	3 R01 HL056888-08S1	GIBSON, LAURA F	03/22/2005 10:07 AM	PAQUINE	Pending IRG Review	<a href="#">Acknowledge</a>
Council Changed	2 R44 EY013039-02A2	CRAWFORD, KATHRYN S	03/21/2005 02:13 PM	DFOX_PRD	Withdrawn	<a href="#">Acknowledge</a>
Council Changed	2 R44 EY013039-02A2	CRAWFORD, KATHRYN S	03/21/2005 10:47 AM	DFOX_PRD	Withdrawn	<a href="#">Acknowledge</a>
Council Changed	2 R44 EY013039-02A2	CRAWFORD, KATHRYN S	03/21/2005 10:42 AM	DFOX_PRD	Withdrawn	<a href="#">Acknowledge</a>
Council Changed	2 R44 EY013039-02A2	CRAWFORD, KATHRYN S	03/21/2005 10:36 AM	DFOX_PRD	Withdrawn	<a href="#">Acknowledge</a>
Council Changed	1 R01 EY016058-01	HAZLETT, LINDA D	03/21/2005 10:34 AM	DFOX_PRD	Pending IRG Review	<a href="#">Acknowledge</a>
Council Changed	1 R01 EY016058-01	HAZLETT, LINDA D	03/21/2005 10:30 AM	DFOX_PRD	Pending IRG Review	<a href="#">Acknowledge</a>
PO Approval	5 P30 AR041940-08	BERGSTRESSER, PAUL R	03/21/2005 08:57 AM	PAQUINE	Awarded. Non-fellowships only	<a href="#">Acknowledge</a>
Council Changed	3 S06 GM008037-33S1	Rucker, Hubert K.	03/21/2005 08:39 AM	PAQUINE	Pending IRG Review	<a href="#">Acknowledge</a>
Council Changed	3 S06 GM068855-03S2	COLOM, LUIS V	03/21/2005 08:37 AM	PAQUINE	Pending IRG Review	<a href="#">Acknowledge</a>
PO Approval	1 R01 HS010222-01A1	MITCHELL, JEAN M	03/18/2005 02:34 PM	DEMISSIEM4	Pending Council Review	<a href="#">Acknowledge</a>
Council Changed	3 P30 AG021079-03S2	HAUSER, ROBERT M	03/18/2005 01:35 PM	PAQUINE	Pending IRG Review	<a href="#">Acknowledge</a>
Council Changed	3 S06 GM065299-02S2	PHAMBU, NSOKI	03/18/2005 01:25 PM	PAQUINE	Pending IRG Review	<a href="#">Acknowledge</a>
Council Changed	3 P01 AG010124-14S2	TROJANOWSKI, JOHN Q.	03/18/2005 01:16 PM	PAQUINE	Pending IRG Review	<a href="#">Acknowledge</a>

Refresh Acknowledge All Items

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Internet

# eNotificaiton - Administration

- eNotification system provides a User Interface to Manage eNotifications, which allows Administrators to:
  - Specify who gets Notifications. This is User Group based (i.e. assignment role based). There can be more than one User Group associated with Event.
  - Create the eMail Content in addition to the Notification. There can be more than one email per Event/User Group combination

# eNotification – How it works

- eNotification is Event based. This means that in order for eNotification system to set up the Notifications and emails, the Event needs to be audited by the eNotification.
- Each business application that needs Notifications must call the eNotification API (which is available to both PL/SQL code and to J2EE Systems) to audit Events that originate from that Business Area...

*Note: You must have a Requirement for your Business Area to call Notification API*

## eNotification – How it works (cont.)

- The first release of the eNotification audits the following Events for Grant Applications:
  - Scores Released
  - Summary Statement Released
  - IC Changed
  - JIT Requested
  - PO Approval
  - Council Changed
  - SRG Assigned

Note: All above are handled via table trigger calls to eNotification API

## eNotification – eMail Features highlights

- Individual eMails – One email per one Event
- Consolidated eMails – One eMail per multiple occurrences of the Event (i.e. give Grants Specialist one eMail at the end of the day with all records where PO Approved)
- Support HTML Based Rich Text (Bold, Italic, etc)
- Support multiple Attachments – Multiple files are zipped
- Support Delays (such as PI can't be notified for 24 hours that scores release were released)

## eNotification – Entity Based

- Events needed for eNotification are Entity based (i.e. Grant Application, Person, Meeting, Institute) (i.e. Score Release (Event) for Application (Entity) )
- First Release of the eNotification is concentrating on Grant Application Entity, but backend design and coding is complete to accommodate Events of other Entities.

# eNotification - Rollout

- First Release – proof of concept and Pilot. Once proved, all future Notifications must be handled via eNotification system
- Near Future: Complete coding of My eNotification Screen to accommodate all Entity types (i.e meetings, people, etc.)
- Near and Far Future: Consolidate all existing ad hoc Notification Systems at eRA into the eNotification system

# eNotification

Planned Pilot Production date: 04/01/05