

Proposed Future Enhancement for QVR System

2005 and Beyond

Primary Goal of QVR Development

Support and encourage the goal of the electronic application process

Facilitate convenient access to electronic data by extramural and administrative staff

Serve as a facilitator of change that improves the efficiency and accuracy of extramural and administrative processes

Transition to Electronic Environment

As the NIH transitions from a paper environment to an electronic environment there will be challenges of appropriately presenting data in a user-friendly manner.

Migration to accessing Datamarts
Accommodation of NIH Commons changes
End-to-end business processing

Additional Roadmap Items and Reports

The NIH Roadmap is a key strategic initiative of the Federal Government

Because of the evolving nature of the NIH Roadmap initiative it is anticipated that there will be several new requirements identified and developed in 2005.

DEAS Structure at the NIH

The new DEAS structure at the NIH is changing the working relationships of extramural staff.

As the impact of the changes become clear, QVR will need to accommodate and facilitate them.

Major System Expansion

- **Contracts**—Incorporate research and development contracts data in the system as these data become available in IMPAC. This will be a major undertaking because of concerns about the quality of data in the available databases.
- **IC-Specific Data**—This is an initiative that is just starting in 2005. It will be a major initiative for the QVR development team both in terms of search capability and database access and retrieval.
- **Playlist/Checkbook functionality**—This feature would allow an IC to evaluate their pay plan by entering financial data on applications they intend to pay.

Expanded Search Capability

- **Successive approximation query**—This is a technique for successively refining a search.
- **International Studies**—Develop linkage to NIH Foreign Component Tracking System (FIC/NHLBI)
- **Enhanced Text Search** —Text search capability will be expanded to incorporate multiple text terms with Boolean logic.

Enhance Existing Standard Reports

There are a host of enhancements to existing Standard Reports suggested by users.

The Budget reports have received extensive use as well as the reports designed for the Review staff.

Incorporating these enhancement remains a high priority

New Standard Reports

Several additional Standard Reports have been requested by QVR users (budget, program analysis, review, etc.).

- Playlist reports
- IC-Specific data reports
- Additional “History search” standard reports
- Additional “Person search” standard reports
- Application Image “Sections”

Enhancements to Hit lists

- Save Hit list—This would allow user to save a list of records that could be used in a future search—similar to save query and save list of data element that are currently available.
- Previous summary statement—allow easy retrieval of previous summary statement
- JIT PDF, FSR, Pop tracking snapshot

Downloadable Data Elements

QVR provides for the download of any combination of over 250 data items.

As electronic applications become available there is the potential for access to additional downloadable data items. In addition, we will seek other data sources for data items of value to QVR users. These are some examples.

- Key personnel
- Award details for itemized budget, salaries, fringe benefits, supplies, etc.
- Foreign components of research projects (FIC/NHLBI System)
- Other data elements as needed

Training Tools and System Documentation

- Enhanced tutorials and training information on QVR Homepage
- Expand PCC information on Help documentation
- Develop “online” training tools for QVR system.

System Maintenance

System maintenance includes incremental improvements to keep data and features current with NIH practices as well as ongoing general code maintenance.

- **Hosting the QVR System**

- Hardware (servers) needed to host the application
 - Primary and available backup servers provided by CIT
- Server operation, maintenance and monitoring
 - 24x7 server and application monitoring
 - Applying required Operating System security patches

- **Supporting the QVR System**

- Application problem diagnosis and correction
- Responsive end-user assistance via NIH Helpdesk and tier-3 support staff during all normal business hours