E-PROJECT:

A WEB-BASED SYSTEM TO ENHANCE THE PURE MATRIX OF PROJECT MANAGEMENT FOR BIOSTATISTICAL INFORMATICS

Megan Parks
Wendy Anderson
The University of Kansas Medical Center
Project Management

- Role of a Project Manager is to act as a liaison, a point of contact on all projects and grants for the department faculty, staff and our collaborating investigators.

- Project Managers ensure the objectives of a project, according to scope, quality, time and cost, are carried out effectively and efficiently.

- In **2009**, we collaborated with **151** investigators on **249** projects and **104** grants.

- The Department of Biostatistics has **8** faculty appointments and **16** staff members.
Project Database

• Key Elements
  - Efficiency and Accuracy
    - Data Capture
    - Accessibility
    - Visibility
    - Reporting

• CRIS (Comprehensive Research Information System), powered by Velos
  - Implemented at The University of Kansas Cancer Center in 2007
  - Data management solution for clinical research.
    - Central web-based application to manage each trial from start to finish.
      - Regulatory Processes
      - Patient Screening/Enrollment
      - Patient Calendars
      - Electronic CRFs
      - Budgets: study and patient
      - Reporting
eProject Development

- Tested CRIS to make sure we could transform it into a fully functional Project Management database.

- Collaborated with Velos to obtain a separate environment from CRIS for eProject.

- Convert clinical research language to project and grant language.

- Establish end users, security and user role access.

- Migrate current project and grant data from our MS Access database over to eProject.

- Data cleaning and report creation.

- From the time of concept to the time our department went live on eProject was 6 months.
eProject-Homepage and Project Search

- eProject navigation from main menu and project search fields.
- Multiple ways to search for a specific project or a user may View All Projects they are a team member of.
eProject-Summary

- Houses data uploaded from the project registration form.
- Helps us identify and separate projects and grants.
eProject-Versions

- Attach electronic copies of files (.pdf, .doc, .xls, etc.)
eProject-Project Status

- Document all significant statuses and dates for a project or grant.
eProject-Admin Schedule

- Document and track significant calendar dates pertaining to departmental workflow for a project or grant.
eProject-Budgets

- % effort, flat fee, hourly charge back
- Attach electronic documents such as routing sheet and full grant application.
eProject-Project Team

- Faculty, Senior Research Analyst, CRIS: If you are not apart of the project team, you will not have access to see it in eProject.
- Administrators, Biostatistics Directors, Project Managers: Super Users within the database which means they have access to see all projects and grants.
eProject-Security and Access

- Each user receives a unique ID, Password and e-Signature to the system.

- Each Group, that an individual user belongs to, has specific access to eProject that controls viewing and modification of data.

- Group Examples are Administrator, Biostatistics Director, Project Manager, Faculty, Senior Research Analyst, CRIS
Acknowledgements

Wendy Anderson, Director of Operations

With Special Thanks –
Rick Walz, IT Project Manager