Repositories as Platforms for Researcher e-Portfolios

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Content Recruitment Problems

If you build it, they may not come

Why?

- 2003-04 faculty work practice study
- Dr. Nancy Foster, anthropologist
- Disciplines = Tribes
- How researchers do research and write, and the digital tools they use
General Findings

- Copyright confusion
- Need authoring/document management systems
- Personal vs. Institutional
- Time
- Benefits
Copyright Confusion

- Sherpa/Romeo
- Create local databases of articles
  - ISI Citation Index
  - Science Direct (Elsevier)
General Findings

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Graduate Student Research Project

- 2-year, grant-funded project
- Work practices of graduate students, focusing on the dissertation
- “Keep found things found”
- Authoring & co-authoring
- Google Docs model
- Front end to Fedora repository
## Folder Name

<table>
<thead>
<tr>
<th>File</th>
<th>Name (Type, Size)</th>
<th>Collaborators/Viewers</th>
<th>Last Edited</th>
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General Findings

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- Personal vs. Institutional
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- Time
Researcher Page: Charles Phelps

Research

Books

- Free for All? Lessons from the RAND Health Insurance Experiment (link)

- Health Economics, 3rd Edition (link)
  CE Phelps. Addison-Wesley, 2002. (Link to Amazon.com)

- Transforming Ideas: Selected Profiles in University of Rochester Research and Scholarship (link)

Journal Articles

- An Apple a Day: A Futuristic Parable (link)

- Death and Taxes: An Opportunity for Substitution (link)

- Diffusion of Information in Medical Care (link)

- Diffusion of Information in Medical Care (link)

About Charles Phelps

Provost and Professor of Economics and of Political Science
Administration, Economics, Political Science, Community & Preventive Medicine
Economics

Wallis 200
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Email: melinda.smith@rochester.edu
Fax: 585-461-1046

Economics Dept Faculty Page
My CV

Research Interests

Issues relating to scholarly communication and digital technologies, health economics and policy, the
<table>
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<tr>
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<tr>
<td>&quot;Safe Aggregation?&quot; The Consequences of Aggregating Across Procedures and Medical Specialties in the Analysis of Medical Practice Variations</td>
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### Researcher Page: Sarah Shreeves

#### Research

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### About Sarah Shreeves

Coordinator, IDEALS University Library

**Location:** Main Library 435  
**Phone:** 217-244-3877  
**Email:** sshreeve@uiuc.edu

### Research Interests

Digital libraries, interoperability, shareable
Christopher Del Mar
Dean, Health Sciences and Medicine
BSc
MA
MB
BChir
MD
FRACGP
FAFPHM

Journal Articles
- Rachel Green and Chris Del Mar (2006) Research papers submitted to Australian Family Physician - types and timelines
- Jackie Holt and Chris Del Mar (2005) Psychological distress among GPs: Who is at risk and how best to reach
General Findings

- Copyright confusion
- Need authoring/document management systems
- Personal vs. Institutional
- Benefits
- Time
Benefits

- Increased citation (too general)
- Download statistics
General Findings

- Copyright confusion
- Need authoring/document management systems
- Personal vs. Institutional
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- Time
E-Portfolios

- Hot campus topic
- Consistent web portfolios
- Grant and other CV needs
- Data mining potential
  - Reports
  - Public relations
  - Alumni relations
Can IRs be adapted to e-Portfolios?

- Portfolio@Duke University
- Rochester’s Researcher Pages
- Cornell Univ.’s Vivo
- Univ. of Melbourne’s “Find An Expert”
Welcome

The Duke Student Portfolio is your space to create an ongoing record of your original work and accomplishments and to present yourself professionally.

An electronic portfolio is an organized, purposeful, collection of your personal achievements, course work, and projects. Here you can archive text, audio, and video files to include in online presentations or to display on the World Wide Web to potential employers and others inside and outside of the Duke Community.

You are the owner of your portfolio, and you decide what to archive and what to make available for viewing on the Web. Think of it as your own virtual museum with you as the curator.

The Duke Student Portfolio is the place to put your talents on display!

Program Administrators
For information on obtaining access rights to create and edit folders please click on the "Admin's Guide" link on the left side of this page. Once you have been granted administrative rights, return to the homepage and click on the View/Edit link.
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Announcing VIVO - A New Service of Cornell University Library

Use VIVO to discover who's working on a particular research topic; what they've taught or published recently; where the facilities might be and what online tools are available to expedite the research.

Searching VIVO: use the shortest term you can (e.g., "rice" instead of "rice research", or the last name only for people searches); see search tips for more help.

Search examples:

- nanofab* (an asterisk matches variations at the beginning or end of words)
- "climate change" (a leading quote indicates you want to search for a phrase, not individual words)
- crystallography

VIVO is an ongoing project of the Life Sciences Working Group in the Cornell libraries, and coverage is not yet complete. At present we are adding content from the College of Engineering and Weill Cornell Medical College. Please contact us if you or your unit should be included in the site, or if you have any corrections, comments, or suggestions for improvements. You may also speak with Medha Devare at 255-2199.
Ealick, Steven E. | Professor | Chemistry & Chemical Biology profile | Steve Ealick’s Research Group web page

faculty member in
- Chemistry and Chemical Biology (CHEM) | Cornell department | CHEM web page | Chemistry & Chemical Biology courses

member of graduate field
- Biochemistry, Molecular and Cell Biology | graduate field | Graduate School Field web page | Graduate Field of Biochemistry, Molecular and Cell Biology
- Biophysics | graduate field | Graduate School Field web page | Graduate Field of Biophysics
- Chemistry and Chemical Biology | graduate field | Graduate School Field web page | Graduate Field of Chemistry and Chemical Biology

primary investigator of
- ADVANCED PHOTON SOURCE - USER AGREEMENT BETWEEN CORNELL UNIVERSITY AND ARGONNE NATIONAL LABORATORY (NE-CAT) | Research Grant
- AN UNDULATOR RESOURCE FOR STRUCTURAL BIOLOGY | Research Grant
- MEMORANDUM OF UNDERSTANDING | Research Grant
- PURINE BIOSYNTHESIS ENZYMES | Research Grant
- RATIONAL DESIGN OF INHIBITORS OF POLYAMINE SYNTHESIS | Research Grant
- 2 more

co investigator of
- MECHANISTIC ENZYMEOLOGY OF QUINOLINIC ACID BIOSYNTHESIS | Research Grant
"We use X-ray crystallography to study the three-dimensional structures of proteins. The structural information is used for drug design, protein engineering, to understand catalytic mechanisms, and to explore protein evolution. Our group is also involved in the development of tools and techniques associated with synchrotron radiation, especially multiple wavelength anomalous diffraction (MAD). Our main projects include studies of enzymes involved in purine nucleotide metabolism and pyrimidine nucleotide metabolism, studies of enzymes involved in co-factor biosynthesis, especially thiamin biosynthesis, and enzymes involved in polyamine biosynthesis.

Because of the role of purine and pyrimidine nucleotide metabolism in diseases such as cancer and viral infection, many of the enzymes involved are targets for drug design. We have focused considerable effort on nucleoside phosphorylases, which are found in both purine and pyrimidine pathways. Purine nucleoside phosphorylase is required for T-cell development while thymidine phosphorylase has been associated with angiogenesis. In collaboration with Professor Eric Sorscher, University of Alabama Medical School and Dr. William Parker, Southern Research Institute, we also study bacterial purine nucleoside phosphorylase because of its application in prodrug activation via gene therapy. Together with our collaborator, Professor JoAnne Stubbe at MIT, we are investigating enzymes involved in purine biosynthesis. Systematic investigation of an entire biochemical pathway provides important clues about protein evolution.

We are also interested in co-factor biosynthesis. We are currently focusing our efforts in this area on thiamin biosynthesis. Many of the reactions catalyzed by these enzymes involve unprecedented chemistry and elucidation of catalytic mechanism is a major goal. By studying these enzymes, we have also discovered interesting evolutionary links to other pathways. Our main collaborator for these studies is Professor Tadhg Begley of Cornell.

Polyamines have been implicated in many biological processes. Because of their alternating positive and hydrophobic regions, polyamines are able to bind to protein and nucleic acids in unique ways. Production of polyamines is highly regulated and is correlated with the cell cycle. We study enzymes
Melbourne’s Find an Expert

Simon Porter

Data from staff and University’s enterprise system to create individual web pages

Bio, publications, grants, awards, expertise, national & international linkages

Links to ePrints repository and creates OpenURLs
Find an Expert

Find an Expert provides a dynamic and reliable source of information about the research and scholarship of staff at The University of Melbourne.

Search:

Browse:

- by University Faculty and Department
Can IRs be adapted to e-Portfolios?

- Stand-alone IR
  - More robust than DSpace and EPrints
  - Complex object types and relationships
  - Fedora?

- IR as Component
  - E-Portfolios link to objects in IR
  - IR provides metadata for those objects
IR as E-Portfolio Component

Inputs:
- Data from HR, registrar, grants, publications, committees, awards, affiliations, etc.
- Self-reporting

Outputs:
- Consistent web portfolios
- Reports
- Formatted CVs
- Find expertise, patterns
Advantages for IRs

- E-Portfolios are high level initiatives
  - Sustainability
  - Visibility

- Content
  - Shifting content recruitment burden
  - More of it
Advantages for Faculty

- Personal vs. Institutional
  - Far clearer

- Benefits
  - CV creation
  - Webpage creation
  - Publicize expertise
Advantages for Faculty

Time

- Ingest data automatically
- Merge multiple reporting streams
  - Academic reviews, RAE
- Customized CVs
Disadvantages

???