#### **Drexel University Libraries**



Drexel E-Repository and Archive (iDEA) <a href="http://idea.library.drexel.edu/">http://idea.library.drexel.edu/</a>

Drexel University Libraries www.library.drexel.edu

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Please direct questions to <u>archives@drexel.edu</u>

# E-Repository at Drexel University:

Vision and Evolution

-Kevin Martin, University Archivist, Drexel University

-Jay Bhatt, Engineering Librarian, Drexel University

# Drexel University Libraries

- Hagerty Library –University City Main Campus
- Hahnemann Library Center City Campus (Health Sciences Libraries)
- Queen Lane Campus College of Medicine Campus
- Emphasis on Undergraduate and Graduate Research increasing
- More Research output through scholarly publications expected

# Drexel E- Repository and Archives (iDEA)

- Capture scholarly output and store permanently
- Provide open access to the work of Drexel's Academic Community
- Who in the institution creates knowledge?
  - Students both undergraduate and graduate
  - Faculty through research publications
  - Various events such as the <u>Annual Research</u>
    <u>Day and Biomedical Technology Showcase</u>

# iDEA – Drexel's E-Repository and Archives

- Built using DSpace, open source software developed at MIT
- Virtual space to access digital resources produced by the Drexel Community
- Administered by the Drexel Libraries
- Committed to providing permanent open access to Drexel digital works

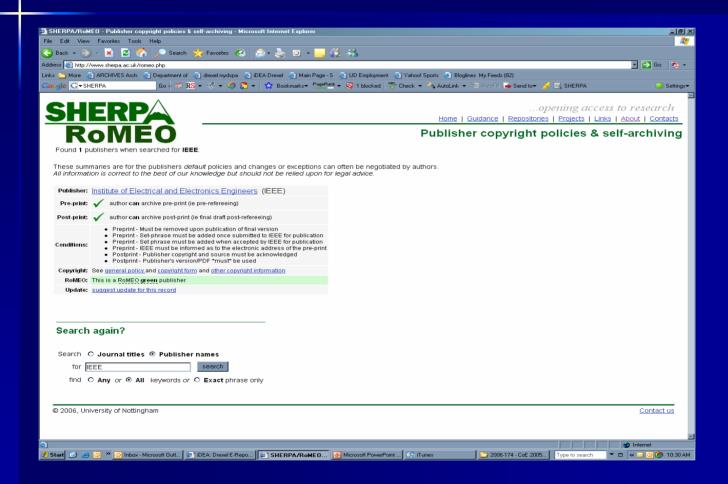
# iDEA – Drexel's E-Repository and Archives

- Central web portal that provides access to both published and unpublished intellectual output.
   Content decisions are currently in the hands of individual faculty members.
- Searchable archive by author, keyword, college/school and Department
- Google and other search engines index and retrieve publications in iDEA
- iDEA's URL are permanent. They will be migrated as the files are updated for preservation and when the library moves to a different software.

# SHERPA – Publishers' listings

- Previously published items in the Drexel Digital Archives adhere to self archiving policies found in the <u>SHERPA/RoMEO Publishers' Copyright Listings</u>
- SHERPA/ROMEO British based consortium committed to development of open access institutional repositories to facilitate the rapid and efficient worldwide dissemination of research.
- SHERPA provides a database of publisher policies regarding the use of institutional repositories.
   Contains the policies of over 100 publishers.

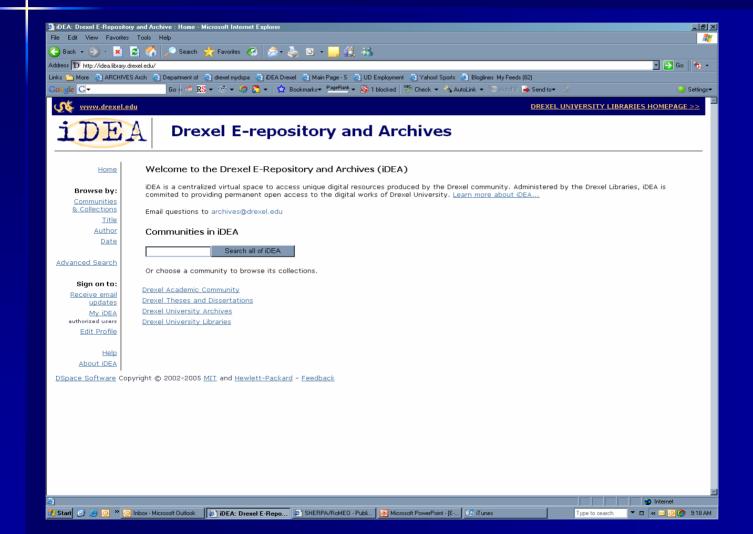
## **IEEE Policy at SHERPA**



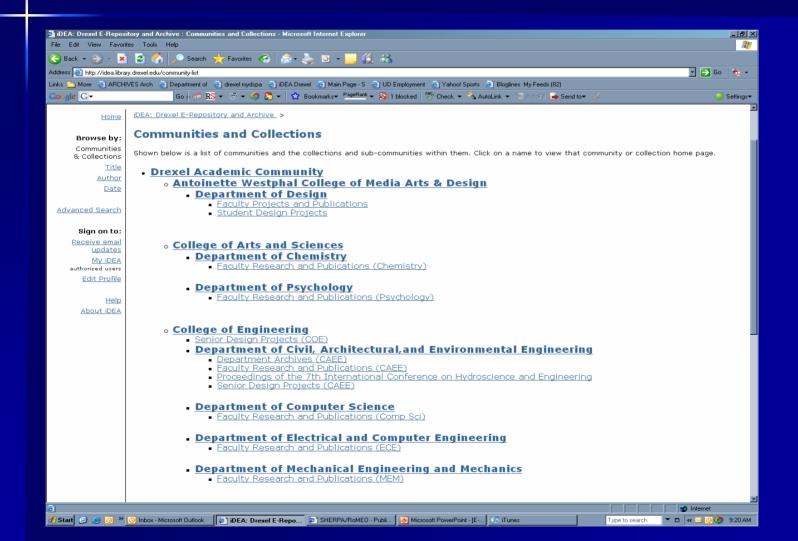
# Various communities within iDEA

- A community is a term used to refer to the broadest organizing principle in iDEA which is arranged as follows:
- Drexel Academic Community
  - Various departmental sub-communities and collections
- Drexel Theses and Dissertations
  - M.S. and Ph.D. theses
- Drexel University Archives
  - Drexel Historical Collections
- Drexel University Libraries
  - Library News, Library staff research and

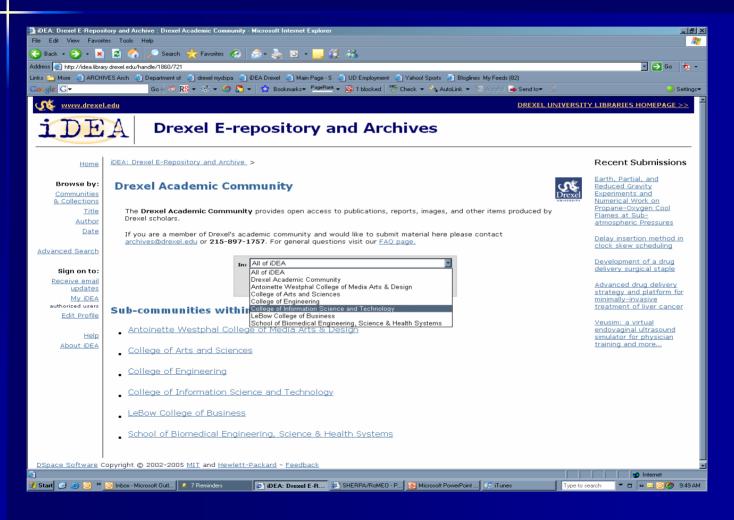
### iDEA Home Page



#### iDEA organization (a work in progress)



# Searchable across disciplines/multiple levels



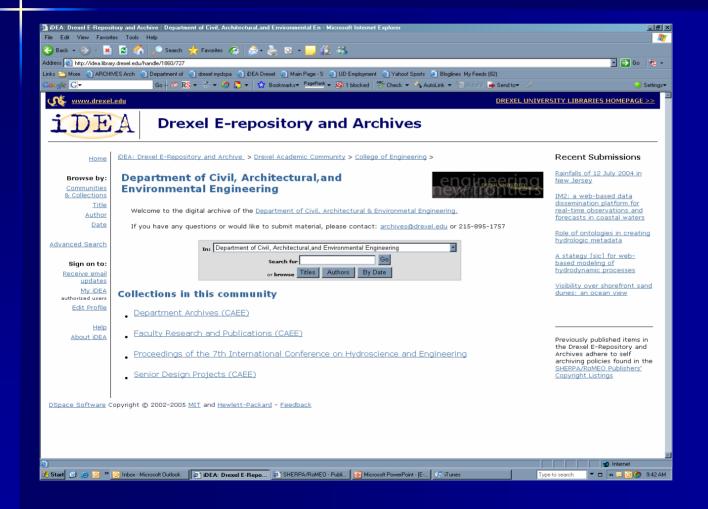
### School of Biomedical Engineering, Science & Health Systems

- Biomedical Technology Showcase, 2006
  - Collection includes posters and related material from a showcase held July 20, 2006 at Drexel University's Bossone Research Enterprise Center.
  - Biomedical technologies include: biosensors, biomarkers, bioimaging, bioinformatics, drug delivery, tissue engineering, biomaterials and many more

## College of Engineering

- Electronic access to research and publications from the CoE.
- Collections are evolving and content being added
- Template of an ideal collection in iDEA:
  - Department of Civil, Architectural, and Environmental Engineering
    - Faculty Research and Publications (CAEE)
    - Department Archives [newsletters, grant proposals, etc.]
    - Proceedings of the 7th International Conference on Hydroscience and Engineering
    - Senior Design Projects (CAFF)

### Department home page



## How are we promoting?

- No university-wide marketing campaign. Previous attempts at other universities have found this approach does not work.
- Informal and formal meetings with Faculty and Drexel administrators
- Using already established contacts of Library reference staff with individual faculty
- Descriptive literature that is being

### **Collecting Strategies**

- Aiming at large aggregates of material from Drexel sponsored events (i.e.: Biomedical Engineering Conference, Drexel's Research Day, etc.)
- Partially automated system using customized alerts that harvest Drexel citations from various sources. Access database collects information and custom emails are sent to authors requesting specific articles.
- Working with individual faculty to identify and deposit significant collections of work.
- Library and archives staff doing all of the work. Faculty simply need to send us a copy of the paper or give permission to take it from their website.

### Challenges

- Convincing faculty to assist with collection development
- Convincing administrators that it is worth the commitment of time and \$
- Working through restrictions imposed on published material
- Encouraging authors to negotiate for rights from publishers to make their work available in venues like iDEA

# Global Benefits of open repository

- Worldwide increase in access to scientific literature
- Increased opportunities for collaboration among experts worldwide
- Increased speed to disseminate scientific literature with electronic communities
- More informal peer reviews
- Quality needs to be maintained