

University Library

2006

## Transforming university research, teaching, and learning through innovative library services

Patrick, Jill

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Jill Patrick  
Director of Library Services  
Ontario College of Art & Design

# **Scholars Portal**

**Transforming University  
Research, Teaching, and  
Learning through Innovative  
Library Services**

**OCAD Faculty Research Event  
March 17, 2006**

# Key Message

For the researcher Scholars Portal provides a **single point of entry** into an integrated and inter-connecting environment of **high quality** scholarly resources and **sophisticated** user focused services that enables:

- rapid **access** to resources, services and tools
- long term **stewardship**, archiving and persistence

# Ontario Council of University Libraries



- a consortium of the 20 academic libraries in Ontario
- over 315,000 users (faculty, students, staff); from the University of Toronto (55,600) to the University of Ontario Institute of Technology (700)
- over \$250M/year in total expenditures including over \$100M/year in collections

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# Issues

- rapid and profound shift from paper to digital (scholarly communication & libraries)
- balancing the fundamentals of stewardship, user service & extensive collections
- impermanence of digital resources (archive, migrate, manage, own)
- dependency on a diverse, changing set of vendors (access services, changing marketplace, reliability)
- vision of integrated resources and services

# Consortial Purchasing

- the rise of consortial purchasing for digital resources
- Canadian National Site Licensing Project now the Canadian Research Knowledge Network (CRKN)
  - 74 academic libraries
  - \$40M+/year for digital resources
- OCUL Information Resources (OCUL IR); accessed through Scholars Portal
  - \$30M+/year for digital resources



# Accessing Research

- STAGE 1: printed books, paper journals: card catalogues, paper abstracting and indexing services; laborious and unresponsive
- STAGE 2: cdroms; online catalogues; online A&I databases; content still paper
- STAGE 3: digital full text resources; many different databases, search interfaces, formats, etc.; content in both electronic and paper form.

# Accessing Research

STAGE 4: Digitize all books

Can it be done?

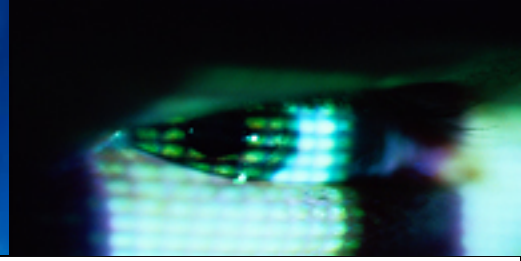
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# The Million Book Project

- Financed through Carnegie Mellon University,
- goal to digitize a million books by 2005.
- scanning books and indexing their full text with OCR technology.
- create a free-to-read, searchable digital library the approximate size of the combined libraries at Carnegie Mellon University, and one much bigger than the holdings of any high school library.

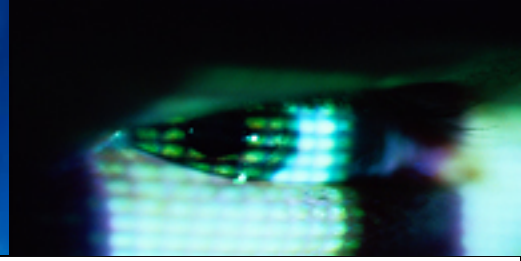
# The Ten Thousand Book Project



## Reality Check

- Only 10,566 books have been digitized to-date
- OCAD has 60,000 books
- UofT has 9.8 million

# Persistence of Print



- Print will persist, for the foreseeable future, as the foundation of library collections
- And by extension, as the foundation for research, teaching and learning

# The Next Stage: Integration

- the holy grail of librarianship is integration: “one place to look and find”
- integration can be achieved through centralization and/or interoperability
- integration supports the development of a coherent network of scholarly communications
- the next stage: Scholars Portal

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scholarsportal is ...

+ request + browse + search + save +

Scholars  
Portal

# Overview of Scholars Portal

- a set of best-of-breed applications tightly-coupled through standards-based linking
- supports **search**, **browse**, **save**, and **request** services in a simple, intuitive way
- services are presented and delivered through each library's web portal
- infrastructure and content are managed centrally



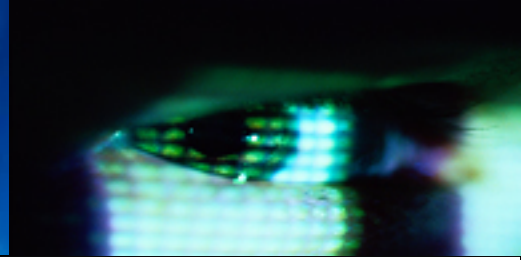
# Scholars Portal Office

- OCUL maintains a full-time staff of 11
- Office at Robarts Library, UofT

# Scholars Portal Staff

- Projects Officer
- Business Development Manager
- Manager, Scholarly Information Resources Project
- RACER Project Manager
- Metadata Librarian
- Systems, Support, Programming & Web Analysts

# OCAD'S SHARE OF COSTS



## Annual Fees to Participate (excluding content)

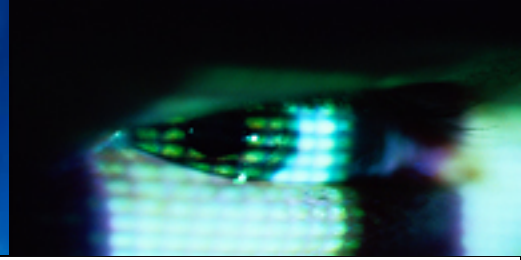
- OCUL membership \$ 1,581
- Scholars Portal \$17,506

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# CONTENT - CRKN

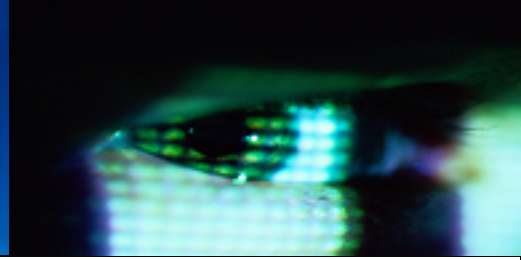
- ArtStor
- Canada's Heritage (Globe & Mail)
- Early Canadiana Online
- Sage
- Wiley

# CONTENT - OCUL



- Access Science
- Avery Index to Architectural Periodicals
- Bibliography of the History of Art
- Encyclopedia Britannica Online
- Canadian Periodical Index
- Grove Dictionary of Art
- Johns Hopkins Guide to Literary Theory & Criticism
- Project Muse

# CONTENT - AICAD



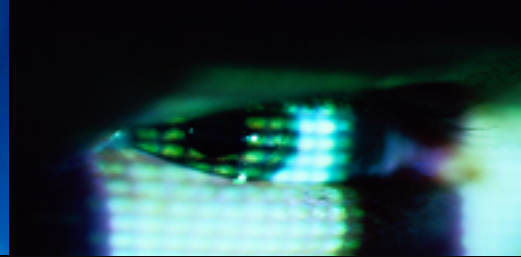
- Art Museum Image Gallery
- AP MultiMedia Archive
- Art Full text
- Art Retro
- Corbis
- Material ConneXion
- Artbibliographies Modern
- Design & Applied Arts Index



# CONTENT - OTHER

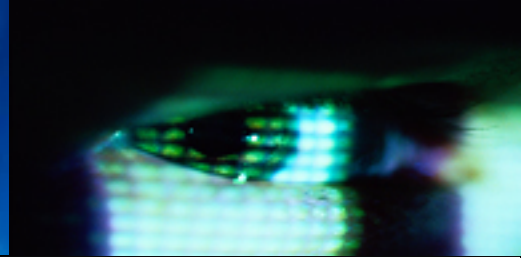
- Academic Search Premier
- Choice
- JSTOR – Arts & Sciences I, II, III
- Literature Resource Center/MLA

# Content Expenditures



| Electronic |           | Print   |           |
|------------|-----------|---------|-----------|
| 2001-02    | \$ 19,494 | 2001-02 | \$ 48,099 |
| 2002-03    | \$ 21,020 | 2002-03 | \$ 55,164 |
| 2003-04    | \$ 64,319 | 2003-04 | \$ 87,282 |
| 2004-05    | \$ 97,348 | 2004-05 | \$138,287 |
| 2005-06    | \$105,925 | 2005-06 | \$105,925 |

# Print Use



## Loans

2001-02 58,640

2002-3 61,658

2003-04 62,918

2004-05 68,043

## Renewals

2001-02 13,634

2002-03 14,402

2003-04 15,212

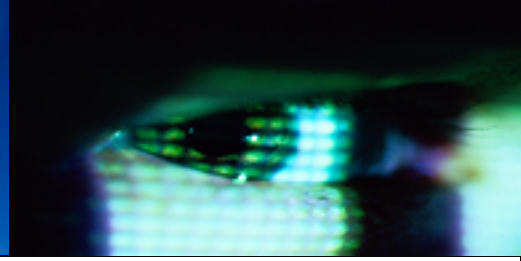
2004-05 18,156

# Library Facility Use

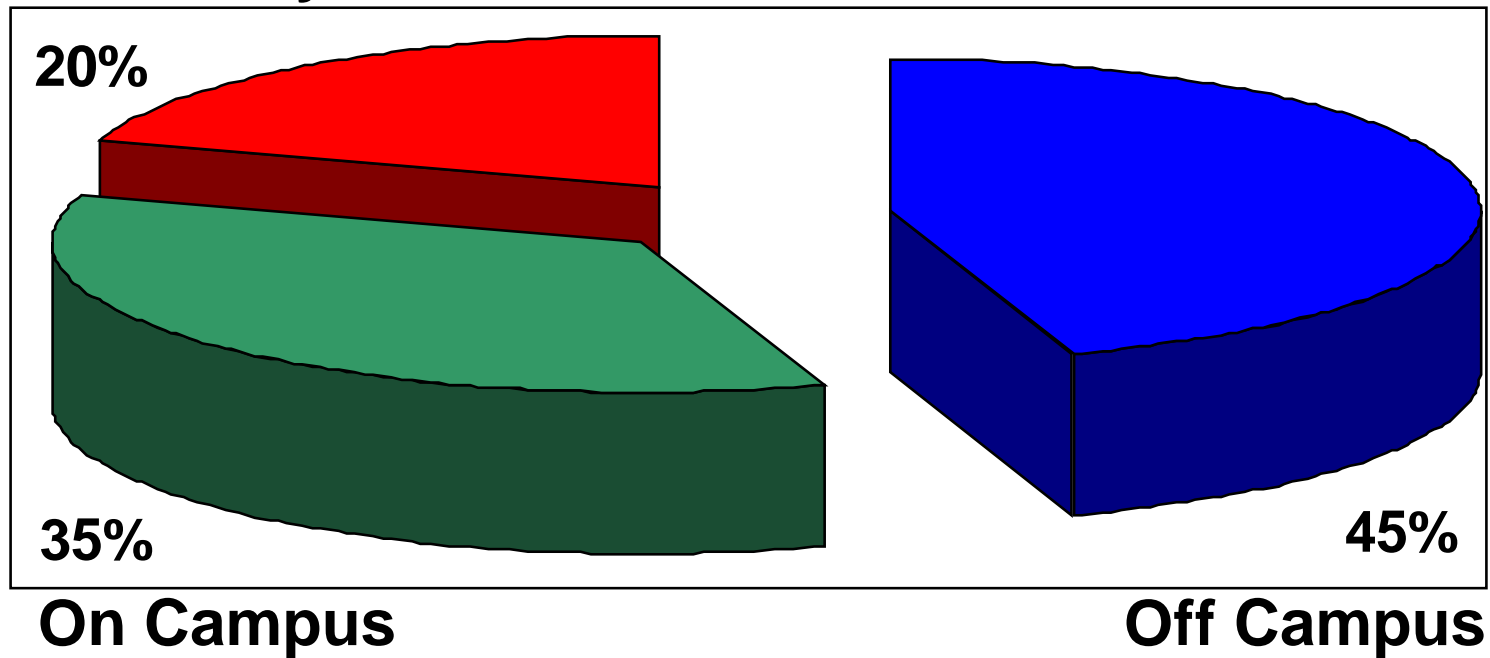
## Gate Count (daily)

|         |       |
|---------|-------|
| 2001-02 | 1,384 |
| 2002-03 | 1,485 |
| 2003-04 | 1,495 |
| 2004-05 | 1,335 |

# E-Resources - Location of Use

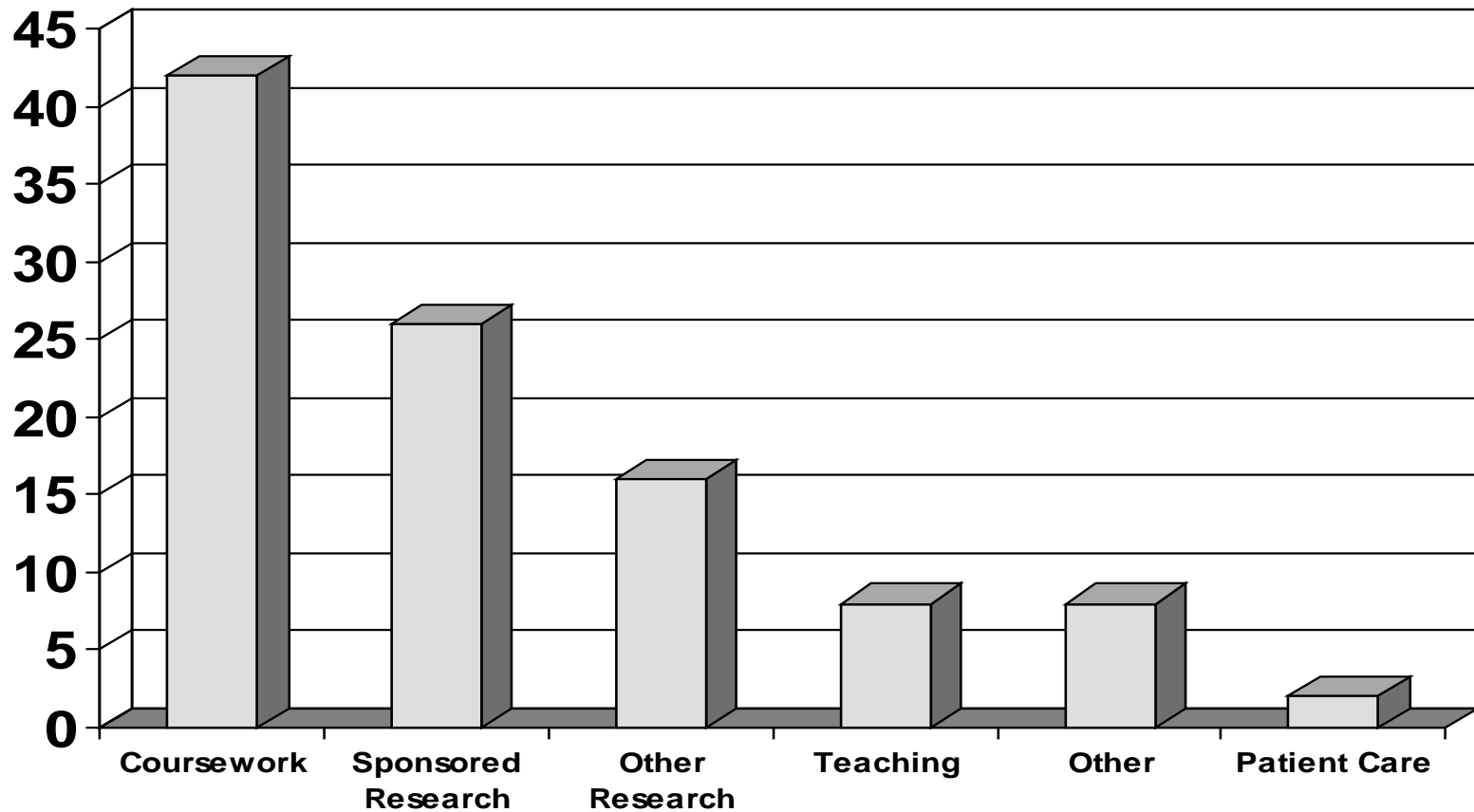
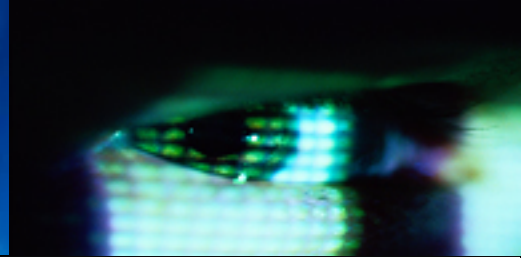


## In Library



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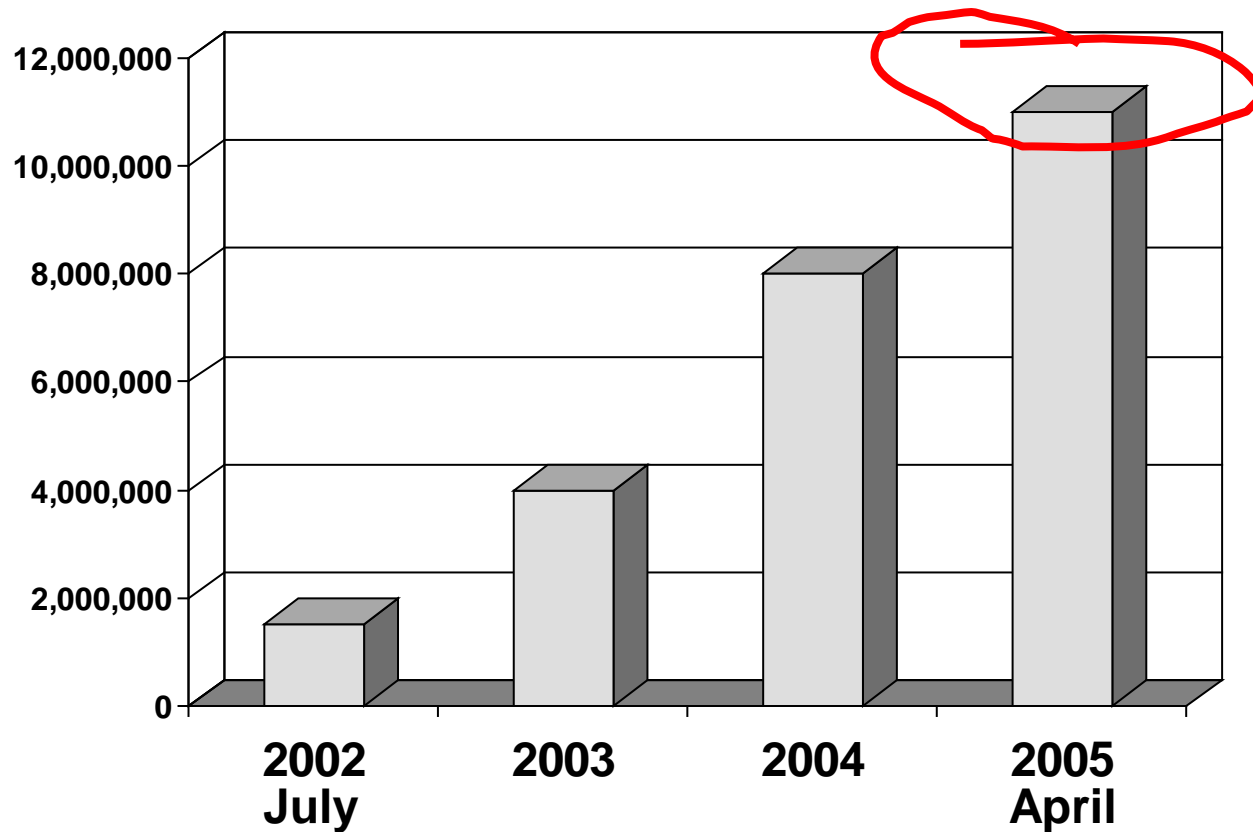
# Primary Reasons for Use



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# Cumulative Downloads



**11 million  
article  
downloads  
in less than  
3 years**

**Scholars  
Portal**

# www.scholarsportal.info

[Home](#) | [About](#) | [Services](#) | [Information](#) | [Staff](#) | [Contact](#)



## Scholars Portal

# Welcome to Scholars Portal

transforming research, teaching and learning

[Text Only](#) | [Francais](#)



## SERVICES

[Search \(Illumina\)](#) | [Electronic Journals](#) | [RefWorks](#) | [RACER \(InterLibraryLoan\)](#)

## INFORMATION

[Innovation Activities](#) | [Collaborative Work](#) | [Services Summaries](#) | [News](#)

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# Supporting Research

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**Scholars Portal**

## a goal of Scholars Portal ...

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Scholars Portal provides users with a means to retrieve information in order to further their research. The use of multiple electronic products, services and the use innovative applications that all seamlessly integrate to support and enhance the work of researchers in the acquisition of knowledge.



**Scholars Portal ... supporting research**

## SERVICES

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# Enhancing Teaching

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**Scholars Portal**

## a goal of Scholars Portal ...

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Scholars Portal seamlessly integrates several products and services that can leverage and complement new approaches in teaching development. Through the use of Scholars Portal and its wide array of services, faculty can efficiently provide students with the most relevant and current information.

**Scholars Portal ... enhancing teaching**

## SERVICES

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# Simplifying Learning

scholarsportal.utoronto.ca

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**Scholars Portal**

## a goal of Scholars Portal ...

[Text Only](#) | [Francais](#)

Scholars Portal provides students, faculty and researchers with a simple and user-friendly approach to accessing comprehensive information resources. By providing convenient access to scholarly information of interest to students, faculty and researchers, Scholars Portal is responding to the educational needs of an evolving world.



**Scholars Portal ... simplifying learning**

## SERVICES

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# Advancing Scholarship

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**Scholars Portal**

## a goal of Scholars Portal ...

[Text Only](#) | [Francais](#)



Scholars Portal provides researchers with comprehensive access to information that is credible, dependable and reliable. Through easy to use Scholars Portal interfaces and menus we have integrated several information sources to enhance the overall access to information searching, finding and storage.

**Scholars Portal ... advancing scholarship**

## SERVICES

[Search \(Illumina\)](#) | [Electronic Journals](#) | [RefWorks](#) | [RACER \(InterLibraryLoan\)](#)

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# Services - Search

**Scholars Portal Search** is designed to provide a simple, more user-friendly approach to searching for users while maintaining powerful options for users who require them.

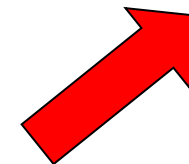
- Current search platform is Illumina

# Services - Search



## Illumina

- single search access to indexes, e-journal metadata, OAI-harvested data
- goal is to provide single search access to 100M+ articles



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# Services - Search

- Conversion to MultiSearch (CSA) will enable federated searches across multiple databases
- You will be able to personalize search settings, save results, and establish alerts in areas of interest
- OCAD Library plans to migrate from AgentPortal to MultiSearch by May/06
- Goal to provide students with seamless interface to all electronic content (OCUL, CRKN, AICAD & OTHER).

# Services - EJournal

## Electronic Journals

Scholars Portal is a collaborative library initiative, to give you a single point of electronic access to high-quality published research from a broad range of disciplines.

- permanent, digital archive
- 6,000 journals and 7M articles
- over 11M articles downloaded since 2002

# Services - EJournals

Welcome to the Ontario Scholars Portal E-Journals Server - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Media Print Mail News RSS Feeds

Address <http://scholarsportal.info/> Go

[Register](#) or Login:  Password:

## E-Journals @ OCAD

[scholarsportal.info](#)

|                      |                        |                        |                             |                           |                             |                      |
|----------------------|------------------------|------------------------|-----------------------------|---------------------------|-----------------------------|----------------------|
| <a href="#">Home</a> | <a href="#">Browse</a> | <a href="#">Search</a> | <a href="#">My Settings</a> | <a href="#">My Alerts</a> | <a href="#">My Articles</a> | <a href="#">Help</a> |
|----------------------|------------------------|------------------------|-----------------------------|---------------------------|-----------------------------|----------------------|

WELCOME TO THE E-JOURNALS SERVICE OF THE ONTARIO SCHOLARS PORTAL

The Ontario Scholars Portal is an initiative of your library, in cooperation with other academic libraries across the province, to give you a single point of electronic access to high-quality published research from a broad range of disciplines.

This site contains 9,391,541 articles from 7,518 full text journals published by [Academic Press](#), [American Psychological Association](#), [American Chemical Society](#), [Berkeley Electronic Press](#), [Blackwell Publishing](#), [Cambridge University Press](#), [Emerald Publishing](#), [Elsevier Science \(Elsevier Science, Harcourt Health Sciences\)](#), [IEEE Publication](#), Kluwer ([Kluwer Academic Publishers](#), [Kluwer Law International](#) and [Kluwer/Plenum](#)), [Oxford University Press](#), [Project MUSE](#), [Sage Publications](#), [Springer-Verlag](#), [Taylor and Francis](#) and [John Wiley & Sons](#).

Your site may not be licensed to access all of these journals.

The Canadian Financial Markets Research Centre (CFMRC) TSX database is also provided through the Ontario Scholars Portal and can be accessed at this address: <http://data.scholarsportal.info/tsx>

### NAVIGATION GUIDE...

The following describes the features of the navigation bar at the top and bottom of each page:

|        |   |
|--------|---|
| Home   | This page.  |
| Browse | Browse tables of contents and abstracts of indexed and subscribed journals. |

Done Internet

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# get it! @ scholarsportal

## SFX

- connects citations to full-text
- connects to RACER when full-text not available
- offers an “Add to RefWorks” option for all citations
- connects portal resources with external resources

Réseau de bibliothèques  
Library Network

**get it!**  
OTTAWA

**Title** Human body surface area: a theoretical approach  
**Source** European journal of applied physiology [1439-6319]  
Wang  
yr: 2004 vol: 91 iss: 4 pg: 425

► Full text available from E-Journals :: **Scholars Portal**

► Request document via RACER :: **Scholars Portal**

User Name:  Password:   
Note: You have to be a registered RACER VDX user to use this system

► Table of contents from E-Journals :: **Scholars Portal**

year:  volume:  issue:

► Other articles by this author? -- using **Web of Science**

|         | last name      | initials |
|---------|----------------|----------|
| author: | Wang, Jianfeng | Wang J   |

► Download Record into RefWorks :: **Scholars Portal**

A service of the Ontario Scholars Portal

© 2003 SFX by Ex Libris (USA) Inc.  
CrossRef Enabled

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# Services - RefWorks

**RefWorks** is a web-based bibliographic management service that allows you to create your own personal database of references.

- direct import API
- RefShare: share citation databases
- Write 'n Cite: citation insertion & bibliography


# Services - RefWorks

RefWorks Login - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media RSS Mail Print W Go

Address http://refworks.scholarsportal.info/Refworks/login.asp?WNCLang=false Go

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Your Online Personal Database and Bibliography Creator

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Internet

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# Services - RACER

## Inter Library Loan (RACER)

Rapid Access to Collections via Electronic Requesting is currently used by OCUL for Inter Library Loan.

- interlibrary loan and document requesting
- an OCUL library catalogue
- end-user (unmediated) request management
- 1,000,000 requests (March 2005)



# Services - RACER

ZPORTAL Search - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media Print Mail W Go

Address http://racer.scholarsportal.info/zportal/zengine?VDXaction=LoginPage

**RACER** My Account / Sign-in

**My Account**  
Sign In

Contact Us  
Help

funded & supported by  
**OCUL**  
Ontario Council  
of University Libraries

**RACER** rapid access to collections by  
electronic requesting

- Search Ontario University Library Catalogues and more.
- Request copies of articles or loans of books and other materials.

To ensure full functionality of the RACER site, use Internet Explorer 5.5. or 6.0.  
Mac users should access the site via Netscape 6.2.2.  
PC users should not use RACER in Netscape.

first time users guest access

**Sign-in**

Login:

Password:

Your Library:

**SUBMIT**

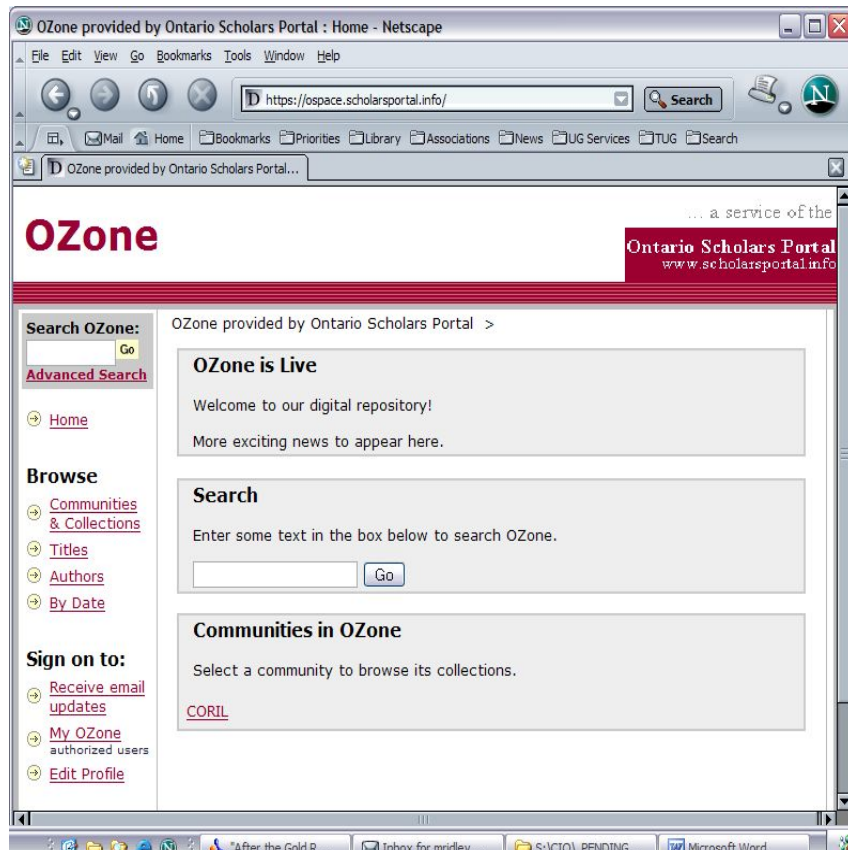
© Fretwell-Downing Informatics VDX 2.7.3.j1 (Build 109) Top of Page

Done Internet

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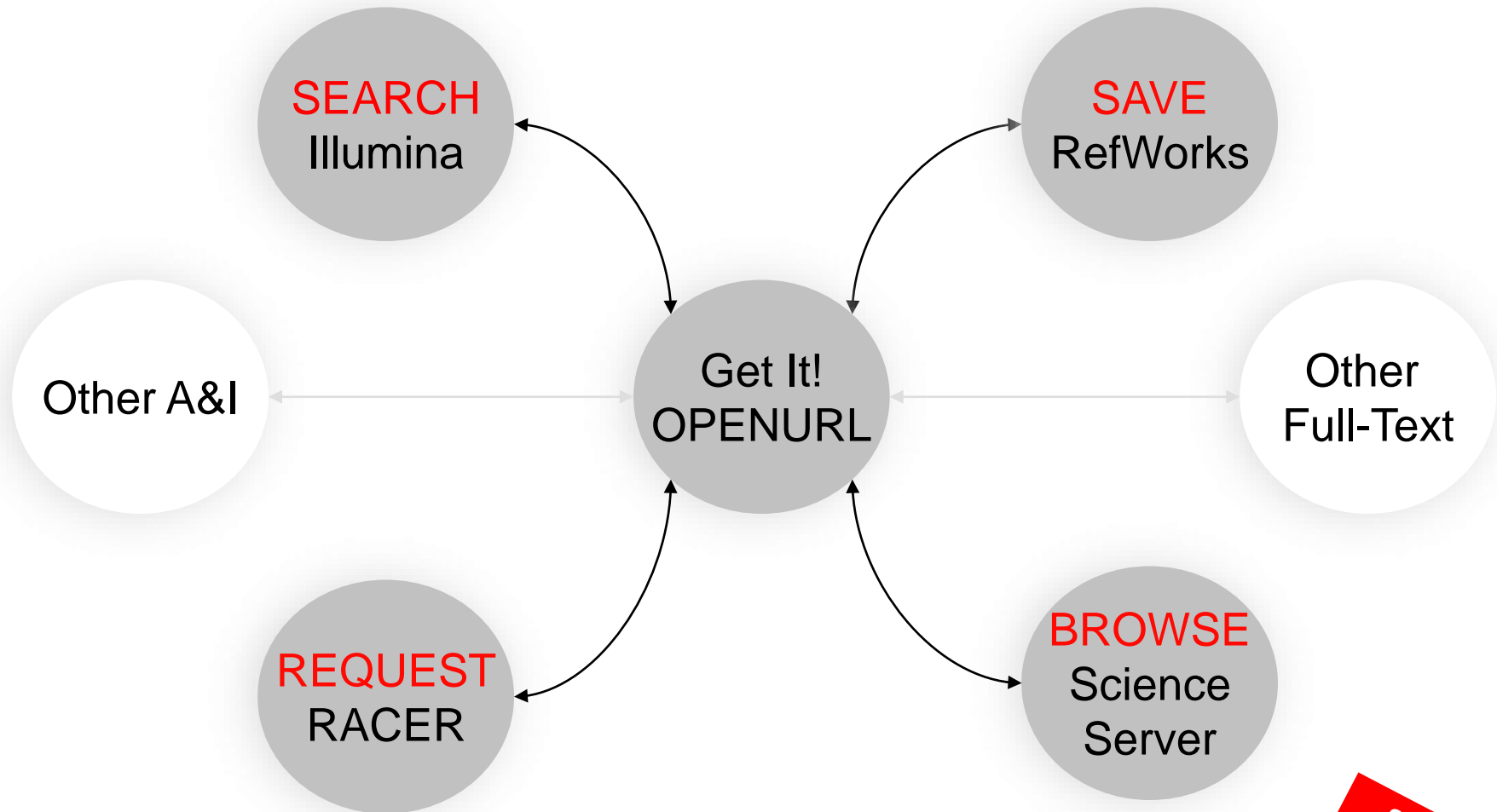
# ozone @ scholarsportal



## OZone

- Ontario D-Space (MIT) implementation
- an consortial institutional repository; open access
- OAI compliant; metadata harvested
- user contributions; municipal and provincial documents

# Scholars Portal Architecture



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# Funding and Expenditures

- Ontario Innovation Trust (OIT): \$7.6M over 5 years (2001-2005)
- OIT funding ends December 2005
- sustainability budget (2006): \$2.2M/year
- agreement in place on a cost sharing formula

# Plans for Content Expansion

CRKN – applying to CFI for \$20million, under Knowledge Management envelope

If successful, CRKN Members to provide \$30million in matching funds

Application deadline: May 31/06

# CRKN – CFI Grant Application

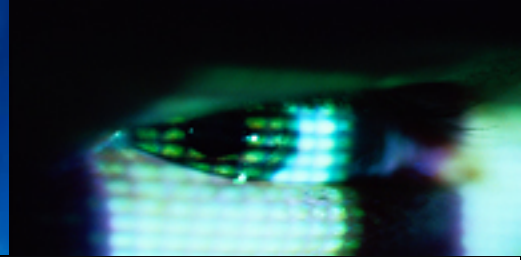
Title: Digital Content Infrastructure for the Human and Social Sciences

- Acquire over a 3 year period a critical mass of digital text, data, images, video, and sound content from both Canadian and international publishing sources for Canadian researchers in all disciplines.
- Accelerate transformation from print to a universally accessible digital research environment

# OCUL – ORF Application

- OCUL is applying to the Ontario Research Fund (ORF) under its Research Infrastructure Program for matching funding for the CRKN CFI proposal.
- This will significantly reduce OCAD's costs to participate
- OCAD's share would be \$16,743 per year in each of years 2007, 2008 and 2009.

# OCUL – ORF Application



## Possible scenarios for ORF Application

- Content only. Funding could be applied to new content, existing licenses (e.g. the recent CRKN licenses) or a combination of the two.
- Infrastructure only. Funding could be used to develop Scholars Portal infrastructure to ensure that service remains robust and innovative.
- A combination of content and infrastructure.



# Conclusion

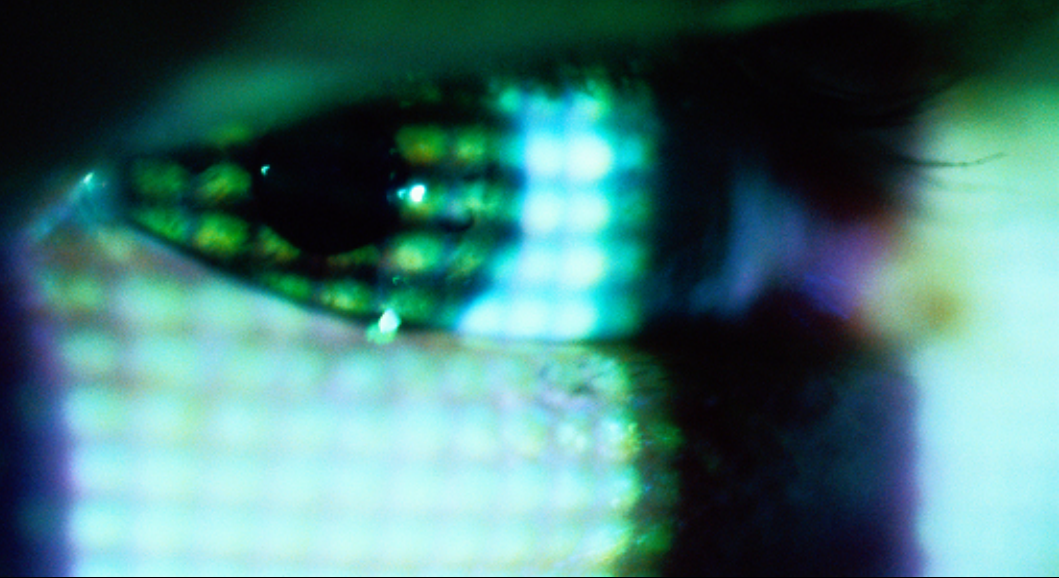
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