# Any where, Any time, Any Device
# Primo for a Consortium

Presentation at the
IGeLU 2009 Conference
September 9, 2009
Helsinki, Finland

Gary Johnson
College Center for Library Automation

# The College Center For Library Automation (CCLA) – about us

28 Institutions

82 Campuses

Approx 43,000 Fac/Staff

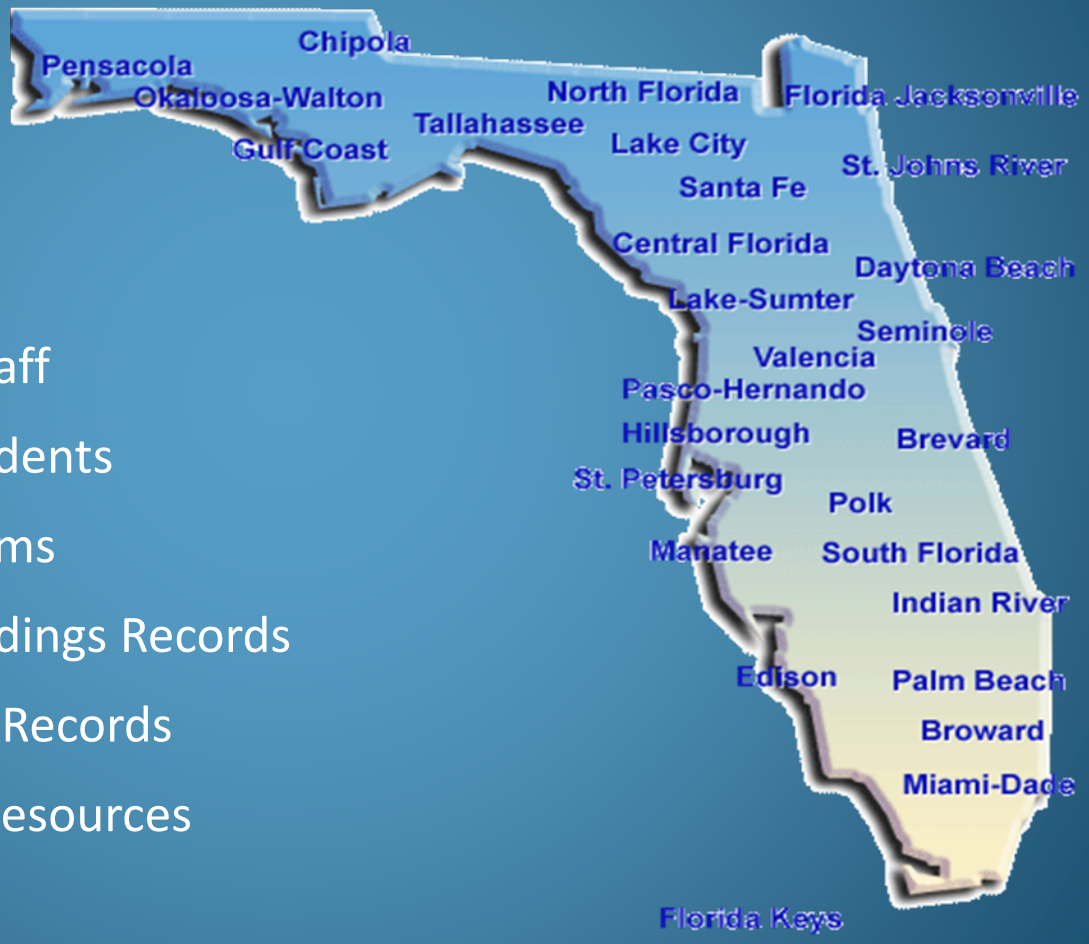
Approx 1,000,000 students

4.5 Million Library Items

3.8 Million MARC Holdings Records

1.4 Million MARC Bib Records

Access to 91+ core eResources



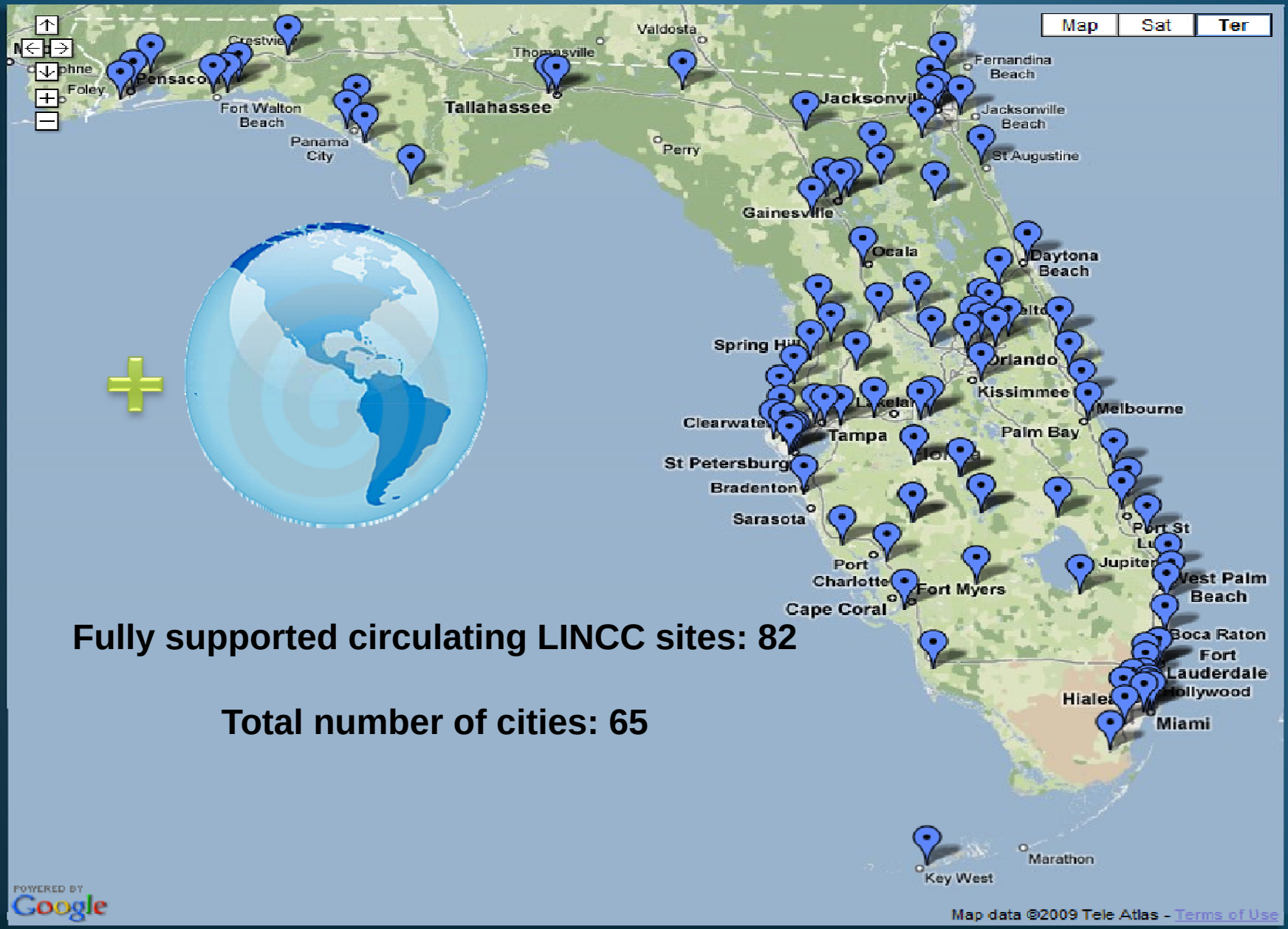
# The College Center For Library Automation (CCLA) – about us

- Legislatively mandated and directly funded
- No cost to institutions
- College library staff play advisory, not governance role

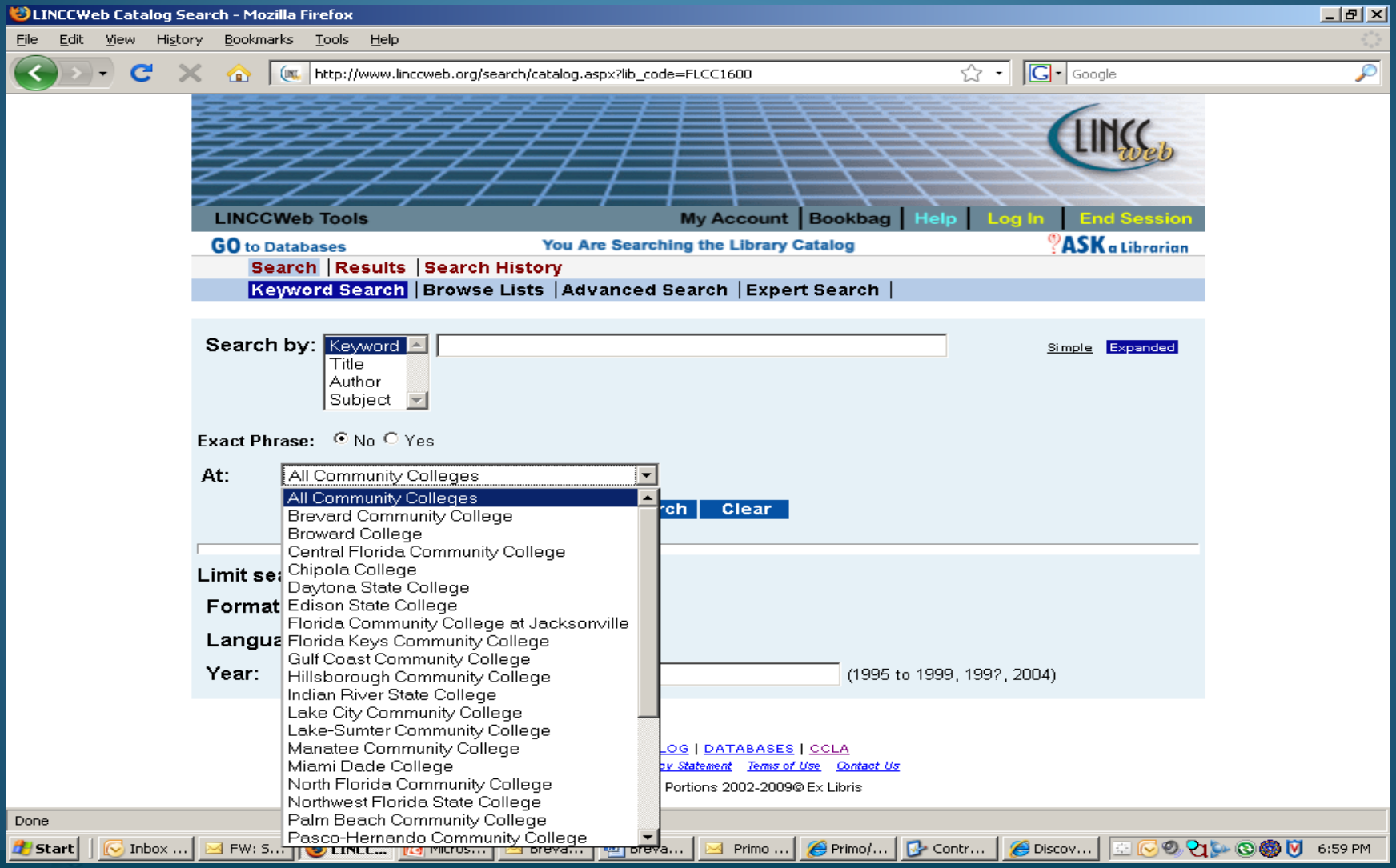
# The College Center For Library Automation (CCLA) – about us

- State-wide coverage
  - over 1,300 km end-to-end
- Diverse institutions
  - Largest = over 50,000 fte (over 125,000 head count)
  - Smallest = about 800 fte (under 3,000 head count)

**28 Colleges**
**29 Aleph ADMs**
**About 1,000,000 patron records**


Map
Sat
Ter
Pensacola
Foley
Fort Walton Beach
Crestview
Panama City
Tallahassee
Thomasville
Valdosta
Perry
Fernandina Beach
Jacksonville
Jacksonville Beach
St Augustine
Gainesville
Ocala
Daytona Beach
Spring Hill
Orlando
Kissimmee
Melbourne
Clearwater
Tampa
Palm Bay
St Petersburg
Bradenton
Sarasota
Port Charlotte
Fort Myers
Cape Coral
Jupiter
West Palm Beach
Boca Raton
Fort Lauderdale
Hollywood
Miami
Key West
Marathon
Fully supported circulating LINCC sites: 82
Total number of cities: 65
POWERED BY Google
Map data ©2009 Tele Atlas - Terms of Use

# CCLA Colleges have always shared a single bibliographic database



# Enter Primo (we call it LINCCWeb 2.0)

- One Primo installation for CCLA
- CCLA manages Primo for the 28 institutions
  - Publishing from Aleph
  - OAI harvesting
  - Customizations
- 13 servers to accommodate 3 environments
  - “prod”, “preprod”: 1 BE, 2 FE, 3 SE each
  - “test”: all in one

# How to configure?

- What data to include?
  - Aleph catalog, published to Primo
    - Everyone agreed on this!
  - Google books (Michigan collection)
  - MetaLib
  - Digital material
  - SFX, MetaLib knowledge bases

# How to configure?

- How many search “tabs”?
  - Include all searchable data together?
  - Separate tab for each type of data?
  - What data can/should be searched together?

# What to do?

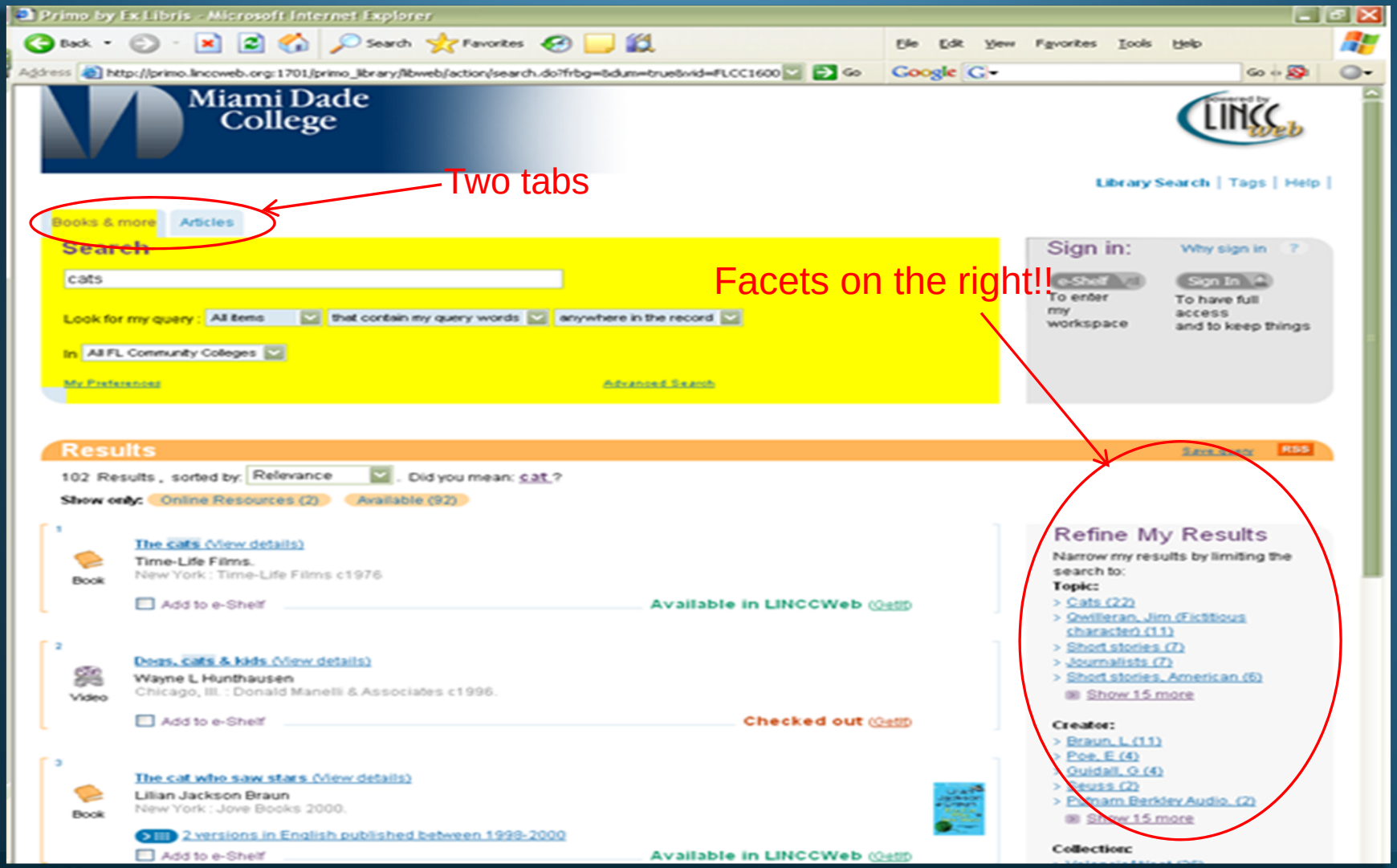
- Advisory committee (librarians)
- Feedback (librarians)
- Focus groups (students)
- Usability studies (students)

*By far, greatest amount of interaction was with librarians – not with students*

# Our Starting Point

- Two tabs
  - Books and More
    - Aleph catalog, published to Primo
  - Articles
    - MetaLib

# New search look and display of results



# Next configuration

- Three tabs
  - Books and More
    - Aleph catalog, published to Primo
  - Articles and More
    - MetaLib
  - Images and Digital Collections
    - OAI harvested metadata – Florida material
    - Google books (harvested from Michigan collection)

Discover by LINCCWeb - Windows Internet Explorer

http://discover1.linccweb.org/primo_library/libweb/action/search.do?vid=FLCC0900&fromLogin=true

File Edit View Favorites Tools Help

FBorFW.com is The Official ... | Concerts & Tickets for the T... | Discover by LINCCWeb

Page Tools

Florida Keys Community College

3 tabs

Click to tell us what you think about the Beta LINCCWeb 2.0!

powered by LINCC web

New Search | Tags | A-Z | Help |

Books & More | Articles & More | Images & Digital Collections

Search for GO

In Florida Keys Community College

New Search Advanced Search

Hello, Guest

Sign in for full access

Guest e-Shelf

? Help My Preferences

## I Need To find

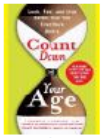
Course Reserves
Periodicals
Databases
Downloadable AudioBooks
Library Instruction Resources
Items from other libraries
Ask A Librarian
Services for Distance Learners

## Library Information & Help

About the Library
Library Blog
Library Staff
More

**LOCATIONS AND HOURS:**
Florida Keys Community College Library

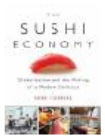
## New & Recommended Books



Count down your age ...

A history of art in ...

Hydraulics for firef...



The sushi economy : ...

Pompano Beach : a hi...

LINCCWeb CATALOG | DATABASES | CCLA

Linking to LINCCWeb Privacy Statement Terms of Use Contact the CCLA Web Team

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Internet 100%

# Another try

- Four tabs
  - Books and More
    - Aleph catalog, published to Primo
  - Historical & Special Digital Collections
    - OAI harvested metadata – Florida material
    - Google books (harvested from Michigan collection)
  - Locate Databases Journals & More
    - SFX and MetaLib Knowledge Base
  - Multi-Database Search
    - MetaLib

Discover by LINCCWeb - Windows Internet Explorer

http://discover.linccweb.org/primo_library/libweb/action/search.do?vid=FLCC0900&fromLogin=true

File Edit View Favorites Tools Help

Welcome garyjohnson@rus... | Planview: Enter Time & Billin... | Commentary from Carl Grant | Facebook | Home | Discover by LINCCWeb

Florida Keys Community College

4 tabs

Tell us what you think! click

Powered by LINCC web Beta

Home/New Search | Databases A-Z | Databases by Subject | Journals A-Z | Ask a Librarian | Help

Books & More | Historical & Special Digital Collections | Locate Databases, Journals & More | Multi-Database Search

Search for GO

What am I searching?

In Florida Keys Community College

Databases A-Z Databases by Subject

New Search Advanced Search

Welcome!

Log In
Need Help?
e-Shelf
Preferences

## I Need To Find

Ask A Librarian
Course Reserves
Items from other libraries (ILL)
Library Services
Services for Distance Learners

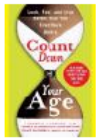
Books
Downloadable AudioBooks
Journals and Magazines
Research Tools & Help

## Library Information

About the Library
News & Events

LOCATIONS AND HOURS:
Florida Keys Community College Library

## New & Recommended Books


Count down your age ...

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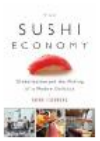

The sushi economy : ...

Pompano Beach : a hi...

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Done

Internet 100%

Start | Microsoft... | Windows... | Inbox - ... | Skype™ | Discove... | Adobe R... | Microsoft... | NWA | Documen... | Microsoft... | 4:57 PM

Discover by LINCCWeb - Windows Internet Explorer

http://discover.linccweb.org/primo_library/libweb/action/search.do?scp.scps=scope%3A(FLCC0100)%2Cscope%3A(%22FLCC0900%22)&srt=rank&tab=default_tab&mode=Basi

File Edit View Favorites Tools Help

Welcome garyjohnson@rus... | Planview: Enter Time & Billin... | Commentary from Carl Grant | Facebook | Home | Discover by LINCCWeb

Florida Keys Community College

Tell us what you think! click

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Home/New Search | Databases A-Z | Databases by Subject | Journals A-Z | Ask a Librarian | Help

Books & More | Historical & Special Digital Collections | Locate Databases, Journals & More | Multi-Database Search

**Search for** florida history **GO**

What am I searching?

In Florida Keys Community College

Databases A-Z | Databases by Subject

New Search | Advanced Search

Welcome!

Log In
Need Help?
e-Shelf
Preferences

**Results** for Florida Keys Community College

RSS

**286 Results, sorted by:** relevance .

Facets on the left!!

## Refine My Results

**Format:**
- Books (270)
- eBooks (53)
- Journals/Serials (7)
- Maps (2)

**Subject: Topic:**
- Florida (130)
- Women (1)

**Publication Date:**
- Before 1958 (41)
- 1958 To 1970 (84)
- 1970 To 1982 (72)
- 1982 To 1994 (103)
- After 1994 (186)

1 Book

**Florida : a history** (View details)

New York : Norton ; Nashville : American Association for State and Local History American Association for State and Local History. Gloria Jahoda c1984

Add to e-Shelf

Available at Florida Keys/Key West Circulation (F311 .J334 1984 ) (updating...)

Locations

2 Book

**The new history of Florida** (View details)

Gainesville, FL : University Press of Florida Michael Gannon 1927- c1996

Add to e-Shelf

Available at Florida Keys/Key West Circulation (F311.5 .N49 1996 ) (updating...)

Locations

3 Book

**Making waves : female activists in twentieth-century Florida** (View details)

Gainesville : University Press of Forida Jack E. Davis 1956-; Kari A Frederickson c2003

Add to e-Shelf

Available at Florida Keys/Key West Circulation (HQ1438.F6 M355 2003 ) (updating...)

Locations

4

**Florida : a short history** (View details)

Done

Internet 100%

Start | Microsoft... | Windows... | Inbox - ... | Skype™ | Discove... | Adobe R... | Microsoft... | NWA | Documen... | Microsoft... | 4:58 PM

Discover by LINCCWeb - Windows Internet Explorer

http://previewdiscover.linccweb.org/primo_library/libweb/action/search.do?vid=FLCC2800&fromLogin=true

File Edit View Favorites Tools Help

Discover by LINCCWeb

Page Tools

TALLAHASSEE COMMUNITY COLLEGE

LINCC web Version 2.0

6 tabs!!

Home/New Search | Databases A-Z | Databases by Subject | Journals A-Z | Ask a Librarian | Help

Books & More | Historical & Special Digital Collections | Locate Databases, Journals & More | Multi-Database Search | 42 | 3 in 1

New Search | Advanced Search | What am I searching?

Search for [ ] GO

In Tallahassee Community College

Databases A-Z | Databases by Subject

Welcome!

Log In
Need Help?
e-Shelf
Preferences

## I Need To Find

Books, Videos, DVDs
Journal, Magazine, Newspaper Articles
Journal Titles A-Z
eReserves

## Research Tools

Research Guides
APA, MLA & Turabian Citations
Topic Ideas for Research

## Library Services

Circulation Services
Reference Services
Distance Learners
Ask a Librarian
Research Consultations
User Satisfaction Survey

## New Books & DVDs

Becoming Judy Chicag...

Black women and musi...

Brand new China : ad...

Byzantium : the surp...

Ethics & issues in c...

**LIBRARY INFORMATION:**

About the Library
Hours/Contact Us
Student Library Guide
Faculty Library Resources
Library Blog

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Update my screen automatically

# Current configuration

- Simplified: Two tabs
  - Library Search
    - Aleph catalog, published to Primo
    - Google books (harvested from Michigan collection)
    - OAI harvested metadata – Florida material
    - SFX and MetaLib Knowledge Base
  - Article Search
    - MetaLib

Discover by LINCCWeb - Windows Internet Explorer

http://discover.linccweb.org/primo_library/libweb/action/search.do?vid=FLCC0900&reset_config=true

File Edit View Favorites Tools Help

Discover by LINCCWeb

Page Tools

Florida Keys Community College
Island Living, Island Learning

powered by LINCC web Beta

2 tabs

Home/New Search | Databases A-Z | Databases by Subject | Journals A-Z | Ask a Librarian | Help

Library Search | Article Search

New Search | Advanced Search | What am I searching?

Search for [ ] GO

In Florida Keys Community College
Florida Keys Community College
All Florida Community Colleges

Databases A-Z | Databases by Subject

Welcome!

Log In
Need Help?
e-Shelf
Preferences

## I Need To Find

Ask A Librarian
Course Reserves
Items from other libraries (ILL)
Library Services
Services for Distance Learners

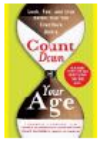
Books
Downloadable AudioBooks
Journals and Magazines
Research Tools & Help

## Library Information

About the Library
News & Events

LOCATIONS AND HOURS:
Florida Keys Community College Library

## New & Recommended Books



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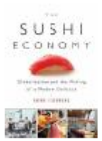
Hydraulics for firef...



The sushi economy : ...

Pompano Beach : a hi...

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http://www.linccweb.org/FLCC/href.asp?lib_code=flcc0900

Internet 100%

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http://discover.linccweb.org/primo_library/libweb/action/search.do?vid=FLCC0900&fromLogin=true

File Edit View Favorites Tools Help

Discover by LINCCWeb

Page Tools

Florida Keys Community College
Island Living, Island Learning

LINCC web Version 2.0

Home | New Search | Databases A-Z | Databases by Subject | Journals A-Z | Ask a Librarian | Help

Mouse over (alt text)

Library Search | Article Search

Search for books, journals, digital images, audiovisual materials, eBooks, and more.

Advanced Search | What am I searching?

Search for [ ] GO

In Florida Keys Community College

Databases A-Z | Databases by Subject

Welcome!

Log In
Need Help?
e-Shelf
Preferences

## I Need To Find

Ask A Librarian
Course Reserves
Items from other libraries (ILL)
Library Services
Services for Distance Learners

Books
Downloadable AudioBooks
Journals and Magazines
Research Tools & Help

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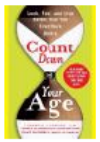
About the Library
News & Events

**LOCATIONS AND HOURS:**
Florida Keys Community College Library

## New & Recommended Books



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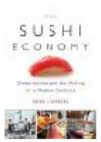

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Pompano Beach : a hi...

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Discovery Education
You CAN Make a Difference and Be One of Fifty Award ...
To view this email as a web page, go to the link below, or copy and paste it into your Browser's address window.

Update my screen automatically

http://discover.linccweb.org/primo_library/libweb/action/search.do?mode=Basic&vid=FLCC0900&tab=default_tab

Internet 100%

# The average CCLA search scope is comprised of:

- ✓ A *campus's* physical holdings
- ✓ A college's e-Books (etc.) + the college's MetaLib & SFX Knowledge Bases available to all *campuses*
- ✓ e-Books & OAI collections available to all *colleges*

# Current configuration

- 29 Views
- 152 Scope values
- 540 Search scopes

# System Wide Decisions

- Two tabs
  - Same wording
  - Same content (with institutional scope)
- Same facets, same basic search box
- Same advanced search options
- Same footer design
- Same CCLA (LINCCWeb) co-branding

# Customization

- Search by institution, campus, or state-wide
- Tiles customized by institution
  - Up to four parts
- Banner (by institution)
- Link back (to institution or library)

Discover by LINCCWeb - Windows Internet Explorer

http://discover.linccweb.org/primo_library/libweb/action/search.do?vid=FLCC1600&fromLogin=true

File Edit View Favorites Tools Help

Discover by LINCCWeb

# Miami Dade College Libraries

powered by LINCC web Beta

Home/New Search | Databases A-Z | Databases by Subject | Journals A-Z | Ask a Librarian | Help

Search by campus

Library Search | Article Search

New Search | Advanced Search | What am I searching?

Search for [ ] GO

In Miami Dade College
- Miami Dade College
- Entrepreneurial
- Hialeah
- Homestead
- InterAmerican
- Kendall
- Medical Center
- North
- West
- Wolfson
- All Florida Community Colleges

atabases by Subject

Welcome!

Log In
Need Help?
e-Shelf
Preferences

I Ne

Recom
Course
Faculty

## Library Services

Overview of Services
Ask a Librarian
My Library Account
Faculty Support
Take a Research Credit Course

## Library Information & Help

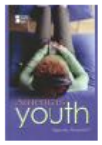
**ABOUT US:**

EEC Center Library
Hialeah Campus Library
Homestead Campus Library
InterAmerican Campus Library
Kendall Campus Library
Medical Center Campus Library
North Campus Library
West Campus Library
Wolfson Campus Library

## New @ MDC Libraries!

Zero comments : blog...

On course : strategi...



America's youth

Duma Key

The beloved son

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Discover by LINCCWeb - Windows Internet Explorer

http://discover.linccweb.org/primo_library/libweb/action/search.do?vid=FLCC1600&reset_config=true

File Edit View Favorites Tools Help

Welcome ... | Planview:... | Ex Libris ... | South Da... | Narva ma... | Airline Tic... | Helsinki-P... | Pensacol... | Primo/Dis... | Disco...

Page Tools

# Miami Dade College Libraries

LINCC web Version 2.0

Home/New Search | Databases A-Z | Databases by Subject | Journals A-Z | Ask a Librarian | Help

Library Search | Article Search

New Search | Advanced Search | What am I searching?

**Search for** GO

In Miami Dade College

**Databases A-Z** **Databases by Subject**

4 local tiles

Welcome!

Log In
Need Help?
e-Shelf
Preferences

## I Need To Find

Recommended Websites
Course Reserves
Faculty/Staff Grants

## Library Services

Overview of Services
Ask a Librarian
My Library Account
Faculty Support
Take a Research Credit Course

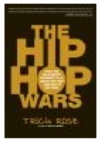
## Library Information & Help

**ABOUT US:**

EEC Center Library
Hialeah Campus Library
Homestead Campus Library
InterAmerican Campus Library
Kendall Campus Library
Medical Center Campus Library
North Campus Library
West Campus Library
Wolfson Campus Library

## New @ MDC Libraries!

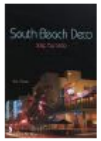
The Merchant of powe...



The hip hop wars : w...

Under pressure and o...

Havana deco



South Beach deco : s...

The long thaw : how ...

Earth, the sequel [s...

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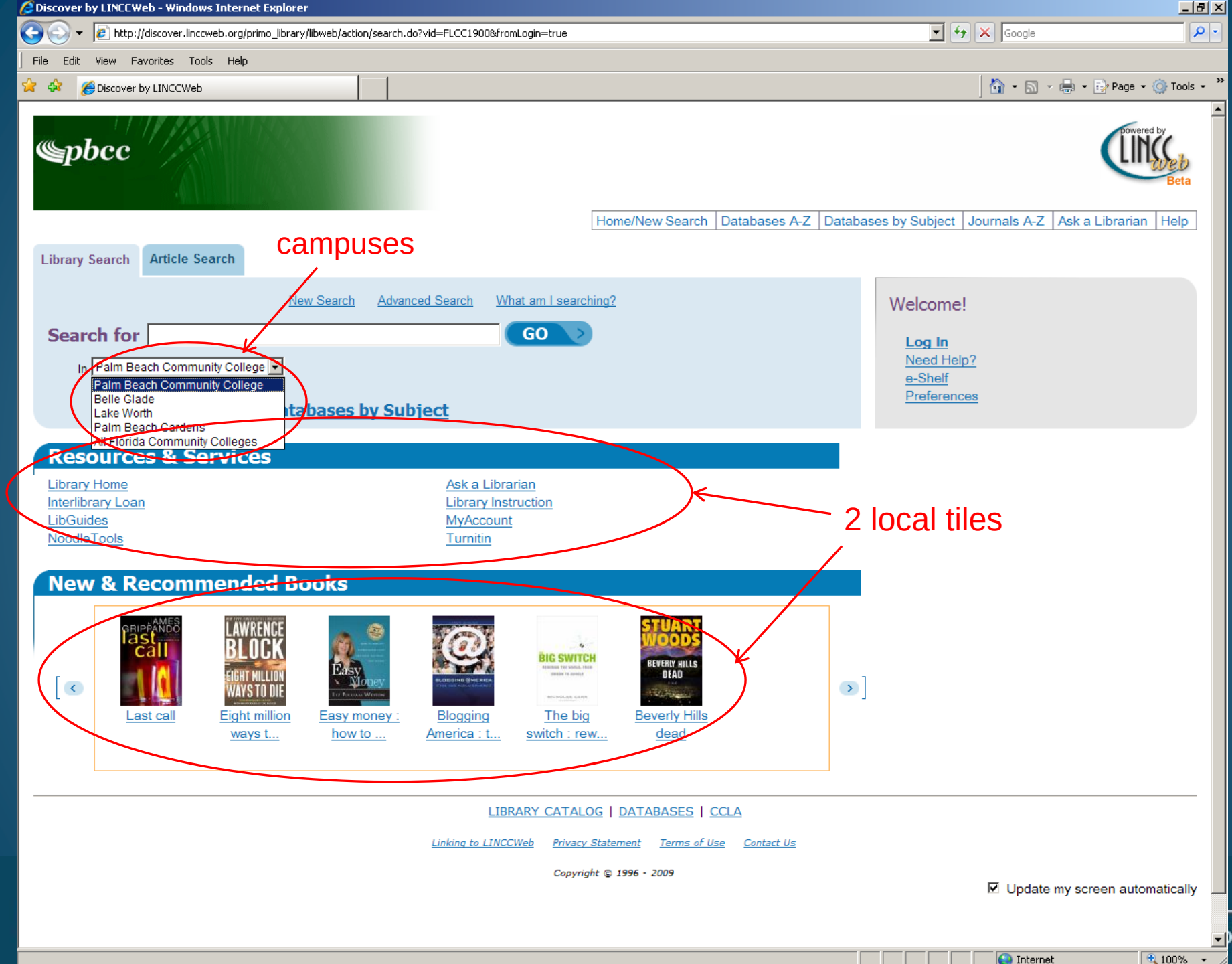
Internet 100%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http://discover.linccweb.org/primo_library/libweb/action/search.do?vid=FLCC1900&fromLogin=true
File Edit View Favorites Tools Help
Discover by LINCCWeb
pbcc
powered by LINCC web Beta
Home/New Search | Databases A-Z | Databases by Subject | Journals A-Z | Ask a Librarian | Help
campuses
Library Search
Article Search
New Search | Advanced Search | What am I searching?
Search for
GO
In Palm Beach Community College
Palm Beach Community College
Belle Glade
Lake Worth
Palm Beach Gardens
All Florida Community Colleges
Databases by Subject
Welcome!
Log In
Need Help?
e-Shelf
Preferences
Resources & Services
Library Home
Interlibrary Loan
LibGuides
NoodleTools
Ask a Librarian
Library Instruction
MyAccount
Turnitin
2 local tiles
New & Recommended Books
Last call
Eight million ways t...
Easy money : how to ...
Blogging America : t...
The big switch : rew...
Beverly Hills dead
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Linking to LINCCWeb
Privacy Statement
Terms of Use
Contact Us
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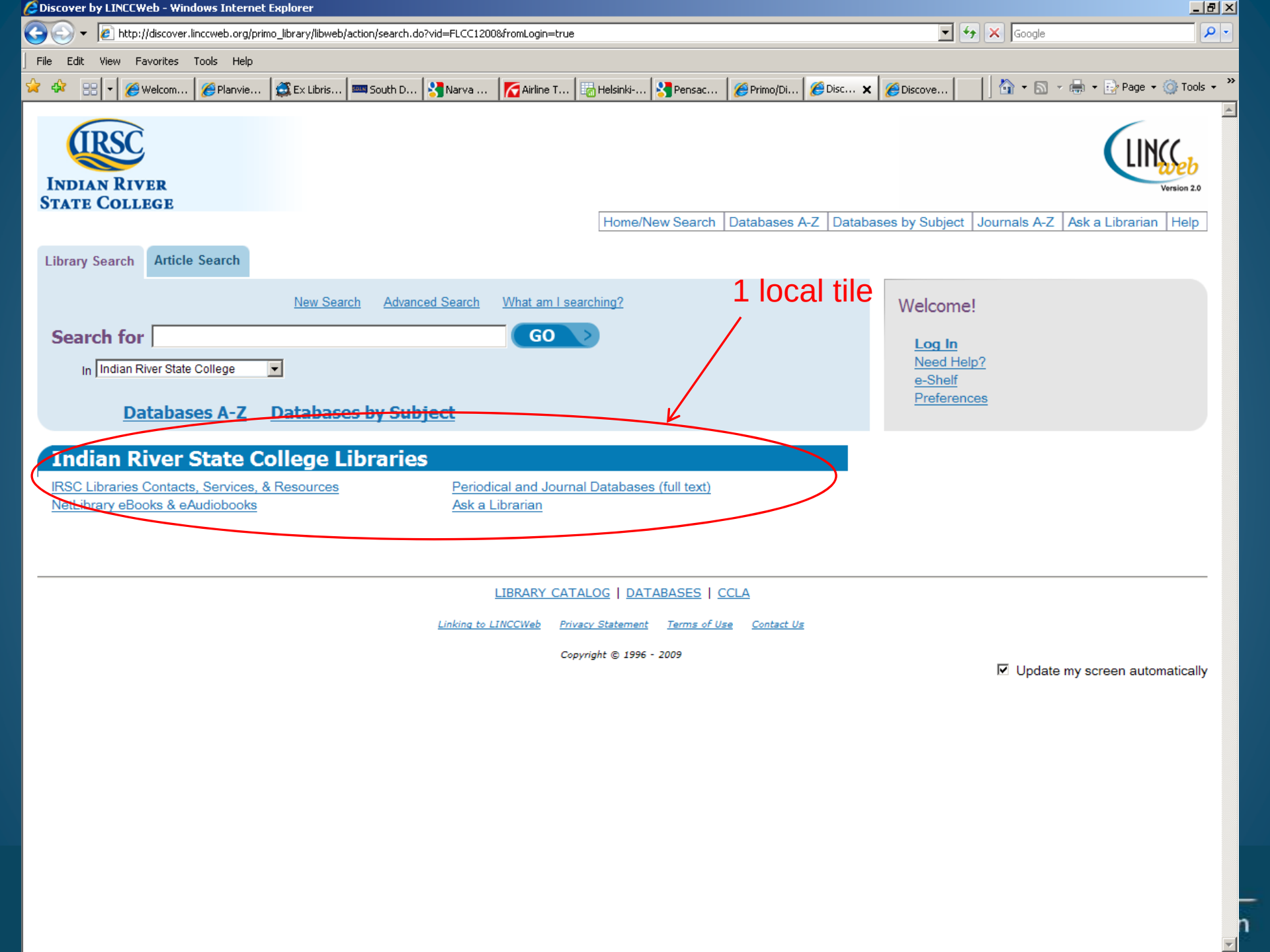
Update my screen automatically
Internet
100%


Discover by LINCCWeb - Windows Internet Explorer
http://discover.linccweb.org/primo_library/libweb/action/search.do?vid=FLCC1200&fromLogin=true
File Edit View Favorites Tools Help
INDIAN RIVER STATE COLLEGE
LINCC web Version 2.0
Home/New Search | Databases A-Z | Databases by Subject | Journals A-Z | Ask a Librarian | Help
Library Search
Article Search
New Search | Advanced Search | What am I searching?
Search for
GO
In Indian River State College
Databases A-Z | Databases by Subject
1 local tile
Welcome!
Log In
Need Help?
e-Shelf
Preferences
Indian River State College Libraries
IRSC Libraries Contacts, Services, & Resources
NetLibrary eBooks & eAudiobooks
Periodical and Journal Databases (full text)
Ask a Librarian
LIBRARY CATALOG | DATABASES | CCLA
Linking to LINCCWeb | Privacy Statement | Terms of Use | Contact Us
Copyright © 1996 - 2009
Update my screen automatically

# Two Tabs

- Everything is in one tab
- Except MetaLib

Discover by LINCCWeb - Windows Internet Explorer

http://discover.linccweb.org/primo_library/libweb/action/search.do?scp.scps=scope%3A(oai_mich_mdp)%2Cscope%3A(FLCC1600_sfx)%2Cscope%3A(FLCC1600_MetaLib)%2Cs

File Edit View Favorites Tools Help

Discover by LINCCWeb | Primo/Discover Links

Miami Dade College Libraries

LINCC web Version 2.0

Home/New Search | Databases A-Z | Databases by Subject | Journals A-Z | Ask a Librarian | Help

Library Search | Article Search

New Search | Advanced Search | What am I searching?

**Search for** packing oranges GO

In Miami Dade College

Databases A-Z | Databases by Subject

Welcome!

Log In
Need Help?
e-Shelf
Preferences

## Results for Miami Dade College

RSS

**15 Results, sorted by:** relevance . **Did you mean:** packing orange?

### Refine My Results

**Subject: Topic**

- Brothers (Religious) -- Photographs (1)
- Citrus fruit industry -- Florida -- Photographs. Oranges -- Florida -- Photographs.; Black-and-white photography -- Florida -- Photographs.; Oranges -- Packing -- Photographs (1)
- Citrus fruit industry -- Florida -- Photographs.; Black-and-white photography -- Florida -- Photographs.; Oranges -- Packing -- Photographs (1)
- Citrus fruit industry -- Florida -- Photographs.; Oranges -- Florida -- Photographs.; Black-and-white photography -- Florida -- Photographs.; Oranges -- Packing -- Photographs (4)
- Citrus fruit industry -- Photographs (2)

Show 1 more

**Publication Date**

1 **Photograph of three people packing oranges.** (View details)
1884-1921
Add to e-Shelf — View online now (Get It)
Image

2 **Brothers packing oranges in warehouse at Saint Leo Abbey : St. Leo, Fla.** (View details)
Tampa Fla. :Tampa-Hillsborough County Public Library System, Burgert Brothers. Burgert Brothers. 1948, 1992 printing.
Add to e-Shelf — View online now (Get It)
Image

3 **Walker packing house.** (View details)
1884-1921
Add to e-Shelf — View online now (Get It)
Image

4 **Photograph of the Smyth and Barnaby (orange pickers) building.** (View details)
1884-1921
Add to e-Shelf — View online now (Get It)

# Central Florida Memory

Preserving Yesterday, Today, For Tomorrow

HOME | BROWSE | ADVANCED SEARCH | PREFERENCES | MY FAVORITES | ABOUT | FLORIDA STORIES

add to favorites : reference url

| | |
|---|---|
| **Title** | Photograph of three people packing oranges. |
| **Title-Alternative** | Orange grove photograph collection |
| **Subject** | Citrus fruit industry -- Florida -- Photographs. Oranges -- Florida -- Photographs.; Black-and-white photography -- Florida -- Photographs.; Oranges -- Packing -- Photographs. |
| **Description** | Black-and-white photograph of three people packing oranges for shipping. Photograph is part of a collection of industry. |
| **Date Original** | 1884-1921 |
| **Description-TOC** | Photograph, front |
| **Number of Pages** | 1 page (1 digital page) |
| **Format-Medium** | Photograph |
| **Repository** | Orange County Regional History Center |
| **Type** | Still image |
| **Rights** | All rights to images are held by the respective holding institution. This image is posted publicly for non-profit e images and/or for copyright information contact the respective holding institution. |
| **Digital Publisher** | Electronically reproduced by the Digital Services unit of the University of Central Florida Libraries, Orlando, 2005 |

# Reflections

- We have learned a lot about configuring and customizing Primo
- Can’t please everyone
- Who is our customer?  (librarian or student?)
- …

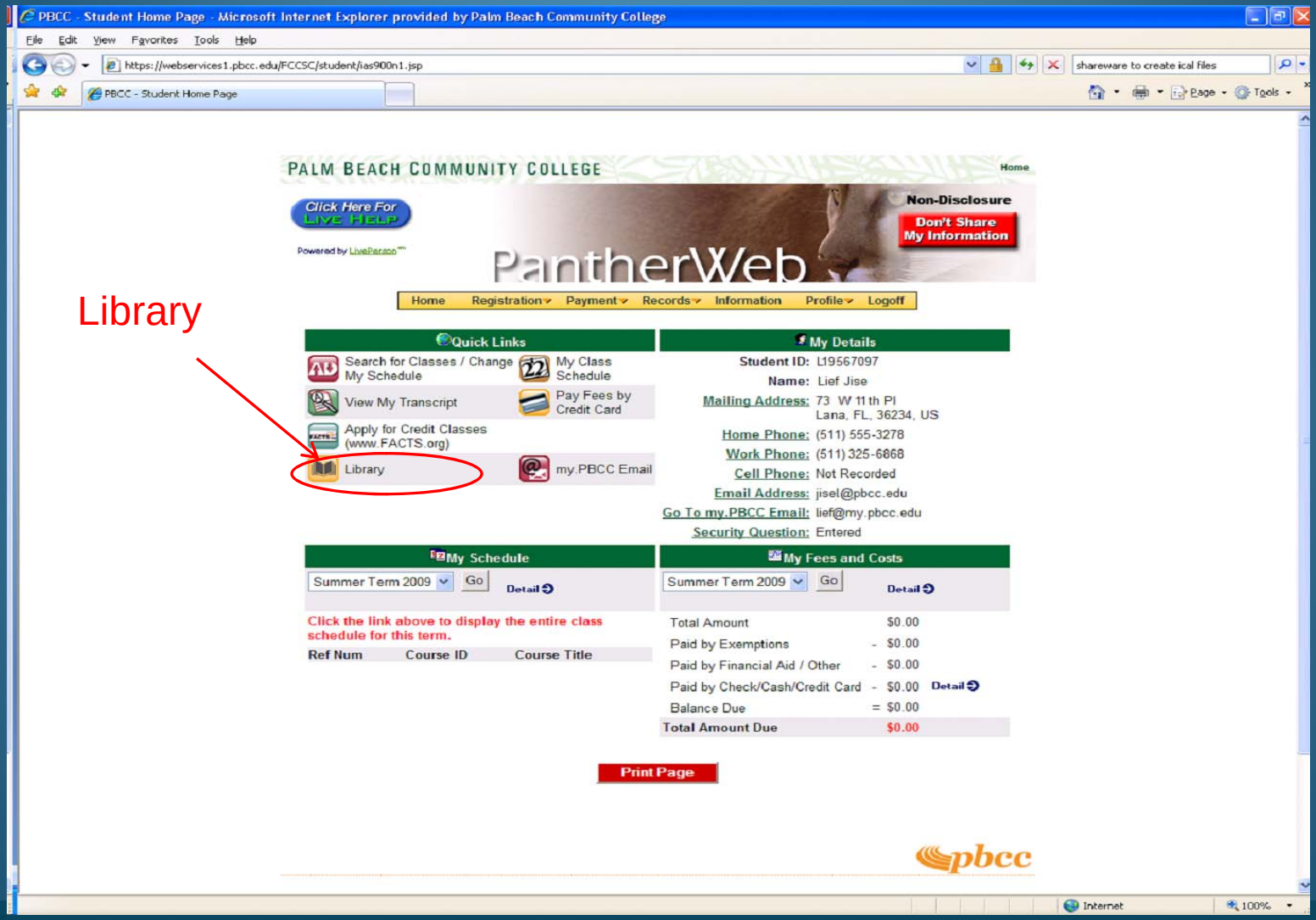
# Our current developmental focus

1. Seek more student input; continue work to make LINCCWeb 2.0 (Primo) relevant for students

2. Embed LINCC services within institutional portals through single sign-on

3. Expand the access via mobile devices

# Example – Embed in institution systems



# Example -- LINCCWeb Mobile

**Shows a quick list of titles and call numbers for items that are Available**

Thank you

Questions / Comments?

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gjohnson@cclaflorida.org

The Florida College System
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