

2014

ERAU Scholarly Commons, May 30, 2013-June 30, 2014

Anne M. Casey

Embry-Riddle Aeronautical University, caseya3@erau.edu

Chip Wolfe

Embry-Riddle Aeronautical University, wolfe309@erau.edu

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ERAU Scholarly Commons

May 30, 2013-June 30, 2014

Compiled by Anne Marie Casey & Chip Wolfe
(With assistance from Denise Bollenback, Jane Deighan & Suzanne Sprague)

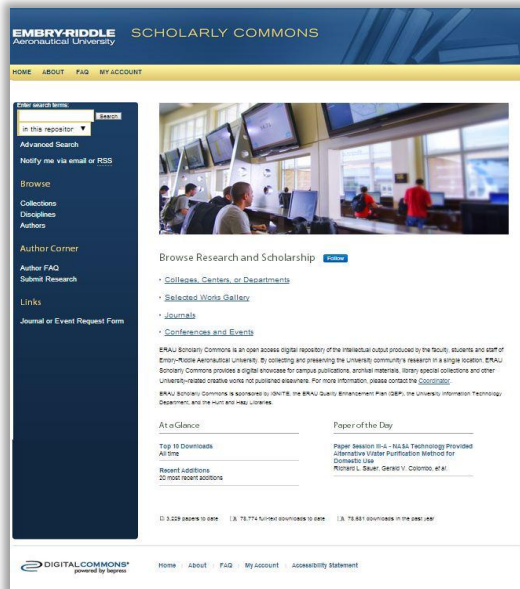


Figure 1: Scholarly Commons Home Page

ERAU Scholarly Commons, the institutional repository of Embry-Riddle Aeronautical University (ERAU), debuted to little fanfare but great hope on May 30, 2013. The implementation team had worked for five months with bepress, the vendor, to construct a home page that reflects the unique aerospace concentration of the university.

From the outset, Scholarly Commons has proven to be an important university resource for faculty and student research as well as for the creation of new journals and the home of conferences and events. As the first year came to an end, faculty support continued to grow as did the requests for new journals and events.

Selected First Year Accomplishments

Hosted **6** conferences

Uploaded **3,753** publications

Experienced **98,654** downloads

Published **3** open-access journals

Achieved **third-year** journal publication data as compared to industry benchmarks

Overview

The impetus for the development of Scholarly Commons came from several directions including a library goal to digitize special collections for wider dissemination; the ERAU Quality Enhancement Plan, *Ignite*, which focused resources on undergraduate research; and a renewed emphasis on faculty research from the university administration. The initial purpose and objective of the project charter was to:

Establish a digital repository which will make available a permanent central location to archive the ERAU faculty and student research and as well as the unique ERAU archival and library collections. In addition the digital repository should provide open access to all digital objects, deemed appropriate in order to showcase the rich research culture, history and rare library materials at ERAU. It should also provide the ability to handle the peer-review process and publish established journals, such as the JAAER as well as new faculty and student publications.

In 2012 the Hunt Library, which serves the Daytona Beach and Worldwide Campuses, and the Hazy Library on the Prescott Campus, began looking for partners in their efforts to digitize and provide open access to appropriate special collections materials. One of the first to join was the university archivist, who recognized the importance of extended access to archival collections. By the end of 2012, University Information Technology (IT) and the *Ignite* staff from the three campuses joined the process. This group, which comprised the exploratory and then implementation teams, began to enlist faculty interest in support of an institutional repository at ERAU.

After several months exploring different vendor options, the university signed a contract with bepress in early 2013. For the first five months, the implementation team worked closely with bepress to develop the basic platform and home page design. In addition, the team assembled an Ad Hoc faculty committee from the three campuses to consult on the policies and basic information provided about Scholarly Commons. On May 30, Scholarly Commons went live. With some structural work still ongoing, the implementation team did not market the new IR too heavily until July.

With the backend work complete by mid-summer, Dr. Richard Heist, the chief academic officer (CAO) for the Daytona Beach Campus, selected a group of approximately 40 faculty members with active research records to begin populating Scholarly Commons and setting up individual pages in the companion SelectedWorks platform. The libraries formed a faculty support team (FST) comprised of librarians from Hunt and Hazy. This team worked with faculty members to set up Selected Works sites, determine copyright issues on contributions, and enable the deposit of faculty research.

Simultaneously, members of the implementation team migrated several collections from a small digital repository that the Hunt Library and University Archives had been using. These included campus newspapers, yearbooks, and a digitized version of the *Journal of Aviation and Aerospace Education Research* (JAAER), a subscription-based print journal published by the university.

In the fall of 2013, interest in Scholarly Commons was strong at the university. Regular questions from faculty about contributions, journals, and conferences prompted the development of the Scholarly Commons Oversight Team, which is comprised of many of the members of the original exploratory team and the implementation team. This team continues to address issues of general concern and develop procedures. SCOT also consults with the University Research Council (URC), comprised of faculty from the three campuses, on issues of university-wide concern, such as who can create new journals or conferences and policy development.

The Collections

Journals

The *Journal of Aviation/ Aerospace Education and Research* (JAAER) has been published by the Daytona Beach College of Aviation since 1990 in a subscription-based print format. In 2012 the library digitized the journal and made it available to the university community only. With the advent of Scholarly Commons, Dr. Daniel Friedenjohn, the editor, in consultation with the editorial staff, agreed to convert the journal to an open-access, electronic-only publication. It became the first journal published in Scholarly Commons.

The *International Journal of Aviation, Aeronautics, and Aerospace* (IJAAA), a peer-reviewed, open-access publication is the second ERAU journal published through Scholarly Commons. Dr. David Ison and Dr. David Worrels, faculty at the Worldwide Campus, edit this publication, which has published two issues in the spring of 2014.

The third journal, *Beyond: Undergraduate Research Journal*, is a joint effort of the campus departments supporting the Ignite initiative. The editors are Dr. Aaron Clevenger and Ms. Catherine Grandizio Wrobel from the Daytona Beach Campus and Dr. Kelly George from the Worldwide Campus. This journal, which showcases research publications of ERAU undergraduates, had just begun to accept submissions in the spring of 2014.

Conferences

In the early fall, Dr. Brent Bowen, Dean of the College of Aviation at the Prescott Campus, initiated the first conference to be hosted by Scholarly Commons, the first annual Aviation/Aeronautics/Aerospace International Research Conference. It was followed by the development of six additional conferences that range from local to state-wide to international in nature. Other ERAU groups sponsoring conferences are the Office of Undergraduate Research, Daytona Beach; The Undergraduate Research Institute, Prescott; Dr. Tom Foley and the College of Security and Intelligence, Prescott; the Commercial Space Operations degree program, Daytona Beach; and the university Leadership Enhancement Program.

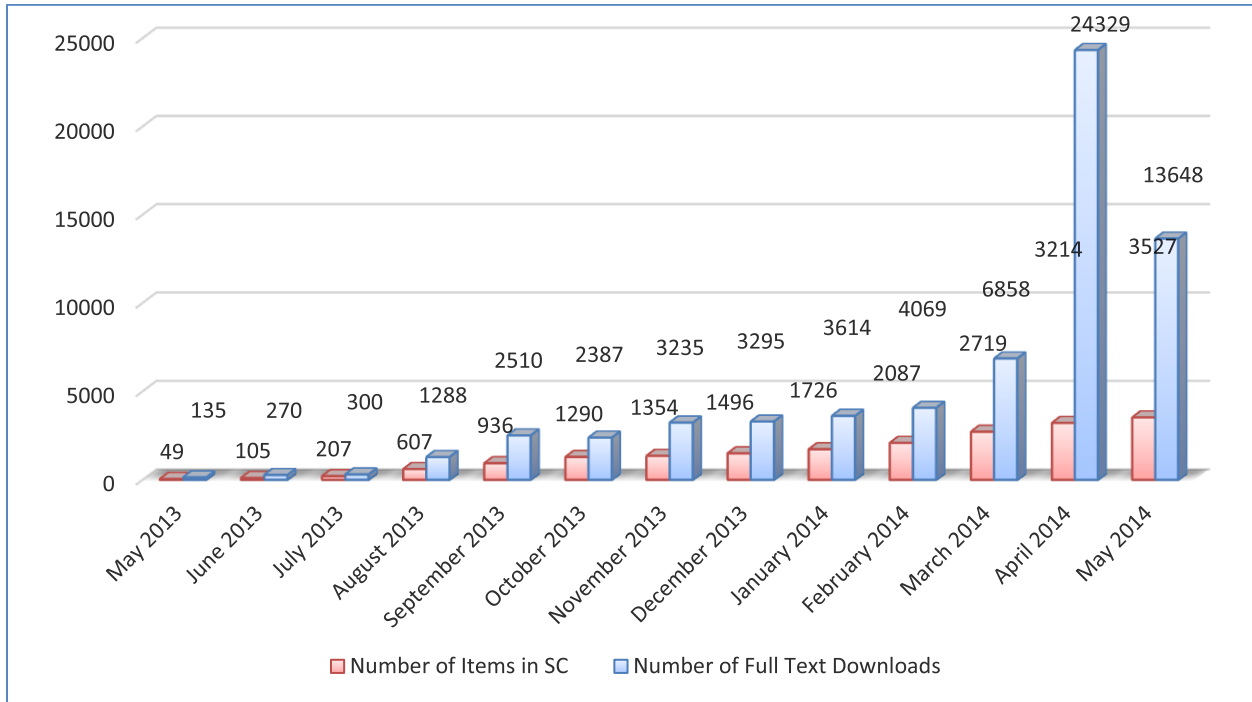
Individual contributions

Faculty contributions have been regular throughout the first year. By June 30, 38 ERAU-affiliated authors had set up SelectedWorks sites. In addition, faculty and staff contributed 135 research articles, an annual book and lecture series to the repository.

Archives

Among the earliest of the collections added to Scholarly Commons were the Daytona Campus student newspapers as well as some of the earliest student publications from the university's early days in Miami. Also included were yearbooks and a small number of public domain materials from the Hunt Library special collections.

Annual Growth Chart – Year One



First-Year Milestones

June 2013

- The About section, which was developed with the assistance of the Ad Hoc Faculty Advisory Committee, is added.
- Digitized volumes of ERAU publications (*Fly Paper*, *Avion*, *Informer*, and *Jetstream*) are uploaded.

July 2013

- *Journal of Aviation/Aerospace Education and Research* (JAAER) is the first journal published in Scholarly Commons, combining the digitized archive of the journal and instructions for author submissions to the new electronic-only version.

August 2013

- The Faculty Support Team is formed to assist with contributions and SelectedWorks.
- Faculty on the Daytona Beach campus begin creating SelectedWorks sites.

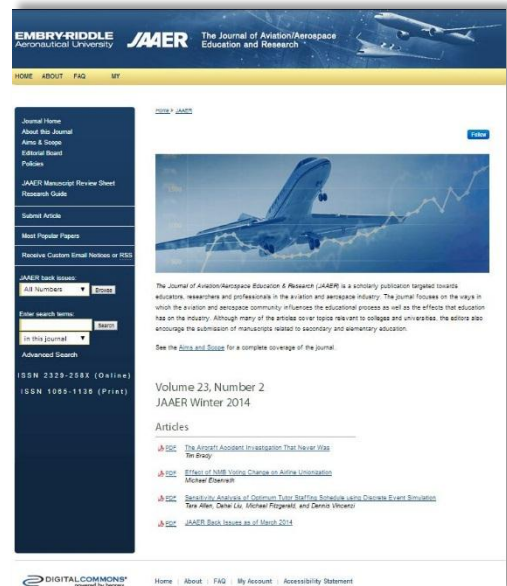


Figure 2: The Journal of Aviation/Aerospace Education & Research

September 2013

- Planning begins for the first conference Scholarly Commons will host, Aeronautics/ Aviation/ Aerospace International Research Conference (A³ircon 2014).

October 2013

- The Scholarly Commons Oversight Team (SCOT) is formed to oversee the development.

November 2013

- The University Research Council (URC) agrees to vet requests for new journals and conferences.
- The Charles P. Russell Scrapbook, chronicling the early days of the aviation industry, debuts.

December 2013

- Planning begins for hosting the second and third conferences, Discovery Day at Daytona Beach and Discovery Day at Prescott.
- Planning begins for the fourth conference, the Flight of Leadership.
- Digitized *Space Congress Proceedings* is uploaded.

January 2014

- Planning begins for the fifth conference, the 10th Annual National Security & Intelligence Symposium.

February 2014

- Planning begins for the sixth conference, the 2015 Florida Undergraduate Research Conference.

March 2014

- Purdue University agrees that the *Airline Quality Report* and the *Airline Passengers Surveys*, authored by Dr. Brent Bowen, Dean of the Prescott College of Aviation, will be published from 2014 on by Scholarly Commons.

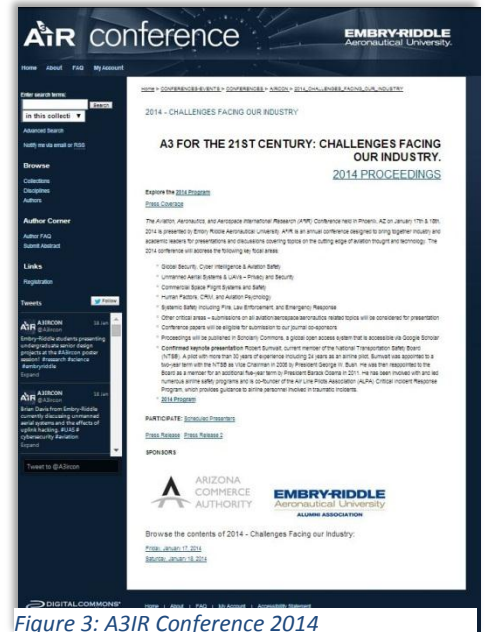


Figure 3: A3IR Conference 2014

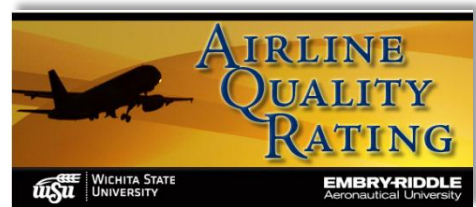


Figure 4: Airline Quality Rating Report

- The *International Journal of Aviation, Aeronautics and Aerospace* (IJAAA) becomes the second journal published by Scholarly Commons and the first to be born digital.
- Planning begins for the seventh conference, the Engineering Physics Letters Conference.

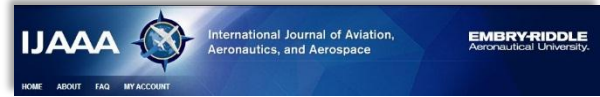


Figure 5: *International Journal of Aviation, Aeronautics, and Aerospace*

April 2014

- *Beyond*, the third journal published by Scholarly Commons, goes live and begins accepting submissions.

May 2014

- SCOT begins working with university IT and bepress to establish a single sign on for contributors.

June 2014

- Planning begins for the eighth conference, Space Traffic Management Conference.
- Planning begins for the first repeat conference, A³ircon 2015.



Figure 6: *Space Traffic Management Conference*

Scholarly Commons Teams

Exploratory Team

Cindy Bixler	UA
Denise Bollenback	UA
Anne Marie Casey	DB
Aaron Clevenger	DB
James Day	DB
Kelly George	WW
Curtis James	PR
Kevin Montgomery	UA
Sarah Thomas	PR
Chip Wolfe	DB
Ying Zhang	DB

Implementation Team

Simon Berube	UA
Denise Bollenback	UA
Anne Marie Casey	DB
James Day	DB
Joanne Evanoff	PR
Sarah Thomas	PR
Chip Wolfe	DB
Ying Zhang	DB

Ad Hoc Faculty Advisory Committee

Aroh Barjatya	DB
Daniel Friedenzohn	DB
Javad Gorjidooz	PR
Aman Gupta	WW
Shigeo Hayashibara	PR
Chris Herbster	DB
Dave Hernandez	WW
Rene Herron	WW
David Ison	WW
Lucy Kornecki	DB
Mark Sinclair	WW
Heidi Steinhauer	DB

Faculty Support Team

Brittany Blanchard	PR
Penny Cairns	DB
Jane Deighan	DB
Patty Martinez	DB
Debra Rodensky	DB
Suzanne Sprague	DB

Scholarly Commons Oversight Team

Brittany Blanchard	PR
Denise Bollenback	WW
Anne Marie Casey	DB
James Day	DB
Jane Deighan	DB
Joanne Evanoff	PR
Kelly George	WW
Kevin Montgomery	UA
Suzanne Sprague	DB
Sarah Thomas	PR
Melanie West	DB
Chip Wolfe	DB
Ying Zhang	DB

University Research Council

Mike Hickey, Chair	UA
Susan Allen	DB
Quentin Bailey	PR
Massoud Bazargan	DB
Alan Bender	WW
Sergey Drakunov	DB
Thomas Field	PR
Soumia Ichoua	WW
Mark Sinclair	PR
Ahmad Sleiti	PR
Todd Smith	WW
Alan Stolzer	DB