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Creating Green Open Access to Institutional Scholarship using Digital Commons

Deborah L. White
Pittsburg State University, dlwhite@pittstate.edu

Yumi Ohira
Fort Hays State University, yohira@unomaha.edu

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Creating Green Open Access to Institutional Scholarship using Digital Commons

Deborah L. White, MLIS
Digital Resources and Initiatives Manager, Pittsburg State University

Yumi Ohira, MLS, MFA
Digital Curation Librarian, Fort Hays State University

2016 CULS/C & U Joint Conference
April 22, 2016
Agendas

1. Introduction
2. Institutional Need for IR
3. Why DC? & What can DC do?
4. Challenges
5. Conclusions
Introduction - CONTENTdm

Pittsburg State University
- CONTENTdm - http://axedigital.pittstate.edu/
- Not Hosted
- Launched Digital Commons September 2015 & Announced December 2015

Fort Hays State University
- CONTENTdm - http://contentcat.fhsu.edu/cdm/
- Hosted
- Launched Digital Commons December 2015 & Announced January 2016

➢ Hired someone to manage the repository & Market and train the campus
Introduction - BePress

Pittsburg State University
► http://digitalcommons.pittstate.edu

Fort Hays State University
► http://scholars.fhus.edu

- Electronic Theses
- Undergraduate/Graduate Research
- Journals, Newsletters, Events
- Faculty Research (Faculty peer-reviewed journal articles)
- Open Educational Resources
- University Archives & Special Collections
Institutional Need for an IR

- **What is an IR?**
  - Collecting, preserving & disseminating scholarship
  - Publish & showcase institutional scholarship

- **Role of an IR**
  - Manage open access to digital content produced by the university
  - Encourages knowledge sharing
  - Permits quick and easy dissemination of scholarship across institutions
Gold vs Green OPEN ACCESS

Gold Open Access

Gold or “pay” to publish Open Access
- Articles is made freely accessible online to anyone anywhere immediately upon publication
- Authors, their funders or institution pay an article publication charge for every article published

Green Open Access

“Self-Archiving”
- Depositing a free copy of a digital document on the internet in order to provide open access to it
- Access without payment to a version of the publication via a repository, often after an embargo period.
Institutional Repositories - Why we need them...

- Showcase scholarly works
- Create a public forum
- Maximize research impact through searching
- Manage & preserve digital collections
- Increase professional visibility

Benefits:
- Broader dissemination & increased access
- Supports faculty/student success
Why Digital Commons?
What can Digital Commons do?

Institutional Repository Platforms

- Digital Commons
- Dspace
- Eprints
- Fedora
- Islandora

Positive benefits for middle to small institutions

- Customer support
- Intuitive interface
- Cloud-based
- Preservation - LOCKSS
- Unlimited number of items
- Statistics (Google Analytics)
Structure

> Series
> - Faculty papers, lectures, reports, datasets, oral histories, etc.
> - ETD Series
>   - Theses and dissertations
> - Book Galleries
>   - Books, chapters, newsletters, yearbooks, etc.
> - Image Galleries
>   - Artwork, images, scanned documents, photographs, etc.
> - Event Communities
>   - Conference presentations, symposium materials, etc.
> - Journals
>   - Academic quarterlies, campus periodicals, etc.
Facile Synthesis and Electrochemical Analysis of Cobalt Sulfide Nanostructures for Supercapacitor Applications

Date of Award
5/2015

Document Type
Thesis

Degree Name
Master of Science (MS)

Department
Chemistry

Abstract
The main objective of the thesis is to understand the effect of morphologies and electrodes on the electrochemical properties of cobalt sulfides. The nanostructured cobalt sulfides were synthesized by a facile hydrothermal method. For this, cobalt nitrate $\text{Co(NO}_3\text{)}_2$, ethylenediaminetetraacetic acid (EDTA), and the surfactant CTAB were used. The effect of growth parameters, such as solvent and presence of surfactants on the size and morphology of the cobalt sulfides were investigated. It was observed that these variations could provide cobalt sulfides with a range of sizes, shapes, and morphologies. The nanostructured cobalt sulfides were subsequently electrochemically characterized using various techniques. Characterization techniques were performed using X-ray diffraction (XRD) techniques. The XRD analysis showed mixed phases of cobalt sulfides such as CoS and CoS$_2$. The morphology and size of the cobalt sulfides were studied using scanning electron microscopy (SEM). It was observed that the morphology and the size of the cobalt sulfides depend on the growth conditions. The crystallite size of the cobalt sulfide was estimated using XRD data. Energy dispersive X-ray spectrometry (EDS) was used to further confirm the cobalt sulfide formation.

Recommended Citation
Book Galleries

http://digitalcommons.pittstate.edu/fa/

http://scholars.fhsu.edu/philosophy_oer/
Image Galleries

http://digitalcommons.pittstate.edu/farp/

http://repository.uwyo.edu/gem_city_atlas/
Event Communities

FORT HAYS STATE UNIVERSITY

KANSAS
UG RESEARCH DAY AT THE CAPITOL
THURSDAY FEBRUARY 18, 2016

Congratulations to the students selected for the 2016 Undergraduate Research Day at the Capitol!

Lisa Reiter, MALS, Freshman-Chemistry - "Effect of Triclosan Concentration on Growth Rate of Lemna minor"
Research Mentor: Dr. Brian Didur

Jocysa McDowell, Criminal Justice - Bachelor-Comparative - "The Impact of Drug Policy on High School Students"
Research Mentor: Dr. Torin Linn

Hannah Spier, Sociology - Bachelor - "Pig Growth and Development Based on Differing Swine Rations"
Research Mentor: Dr. Richard E. Miller

Cheyenne Wimberley, Psychology and Criminal Justice - Bachelor - "Propositions and Decisions Made to Jur Mentors in Education Student Social Media" - Research Mentor: Dr. John Frazzo

Taylor Willits, Psychology - Junior - "The Relationship Between Facial Recognition of Dark Triad Traits and the Link to Prenatal Androgen Exposure" - Research Mentor: Dr. Troy Hickey

2015 Press Release

http://scholars.fhsu.edu/kurd/2016/

http://repository.uwyo.edu/cic/2013/
Journals

FORT HAYS STATE UNIVERSITY

Browse Journals and Peer-Reviewed Series

Journal of International & Interdisciplinary Business Research

This Journal of International & Interdisciplinary Business Research (JIBR) publishes peer-reviewed papers with an international and interdisciplinary focus and particularly valuable papers with both international and interdisciplinary elements. The papers published in the JIBR contribute original theoretical ideas and empirical insights at least one of the core academic business disciplines — including accounting, finance, economics, management, marketing, international business, strategy, entrepreneurship, business law, logistics, informatics, and ethics.


The Journal of Business & Leadership (2006-2012) is a refereed publication. The aim of this journal is to provide a forum for current/scholarly, techniques, theories, issues, trends, and innovations in the business and leadership field. All manuscripts submitted to this journal will be subject to a double-blind peer review process. The Journal is listed in Cabell's Directory of Publishing Opportunities (12th Edition) and is held in the Library of Congress (ISSN: 1932-9003).

FHSU SCHOLARS REPOSITORY

http://scholars.fhsu.edu/peer_review_list.html
SelectedWorks

http://digitalcommons.ilr.cornell.edu/sw_gallery.html
Metadata

- Page Level
  - Descriptive Page Title
  - Search Description

- Series Level
  - Introductory Text
  - Descriptive Page Title
  - Search Description

- Item Level
  - DublinCore
  - Minimalistic approach to metadata
  - Abstracts, Publication Info, Author Info
- Real-Time
- Audience (location, language, technology, mobile, etc.)
- Behavior (pages visited, landing pages)
Usage Report

- Reports for IR administrators
  Hit Reports, Full-Text and Additional File Download Reports, Referral Reports
- Reports for editors
  Publication Editor Report
- Reports for authors
  Author Dashboard, Automatic Monthly Author Readership Report, On-Demand Download Report
- Report for institutional stakeholders
  IR Activity Summary E-mail, Publication Activity Summary E-mail
Challenges

- Submission of various types of materials
- Copyright policies
- Obtaining faculty’s papers
- Obtaining post-able publisher version PDFs
- Technical limitations
  - Batch loading
  - Streaming video/audio
Faculty Participation

- Encouraging faculty to add their scholarship
- Faculty promoting undergraduate & graduate research
  - Class papers / projects
  - Research Colloquium
- Outreach
  - Workshops
  - Tutorials/Guidelines
  - Professional Development Day presentation
  - Informational brochures
Conclusion

- Showcase research produced by the university community
- Digital collection building
- Access to digital collections
- Use of IR materials
- Long-term preservation
Understand aspects & challenges of IR initiatives

Supporting the cycle of
- Knowledge
- Discovery
- Use
- Creation
- Dissemination
- Faculty & Student Research

Collaboration between the Library and Campus Departments
Deborah L. White, MLIS, dlwhite@pittstate.edu
Digital Resources and Initiatives Manager, Pittsburg State University

Yumi Ohira, MLS, MFA, y_Ohira@fhsu.edu
Digital Curation Librarian, Fort Hays State University

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