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Enhancing scholarly visibility using an institutional repository as a springboard for scholarly profiles in a multi-hospital health care system

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Enhancing Scholarly Visibility Using an Institutional Repository as a Springboard for Scholarly Profiles in a Multi-Hospital Health Care System

Jennifer Deal, MLIS - Aurora Libraries, Milwaukee, WI
Brenda Fay, MLIS - Marquette University, Milwaukee, WI
Deborah Simpson, Medical Education Program Director - Aurora Health Care, Milwaukee, WI
Dave Stout - Bepress/Digital Commons, Berkeley, CA
Aurora Health Care overview

- Largest health care system in WI
- 15 hospitals; 150 clinics
- Aurora Research Institute
- Health Professions Education
  - > 4,000 health professions trainees annually
  - 6 residency programs, 5 fellowship programs
  - Scholarly inquiry required
Our Institutional Repository Journey

- Digital Commons licensed in 2014
  - Goal to collect scholarly citations
  - Journal of Patient-Centered Research and Reviews (JPCRR)
  - Managed by Aurora Libraries
    - Paid for out of library budget (per year subscription, plus Selected Works module)
  - Poster display on 10/24 at 12:00 noon
    - Benefits of choosing Digital Commons
- Selected Works added in 2016
Finding a Niche, Champions

- We thought several groups would be interested in showcasing individual research
  - Aurora Research Institute
  - Cardiology
  - Neurology
- Our strongest partner came from a totally different place
Medical Education

- Deb Simpson, PhD - Medical Education Program Director

- Identified needs:
  - Increasing scholarly visibility
  - Compiling ACGME (American Council of Graduate Medical Education) reports

- Focus has now shifted to residency and fellowship programs
Residency Programs
- FAMILY MEDICINE
- RURAL FAMILY MEDICINE
- INTERNAL MEDICINE
- OB/GYN
- RADIOLOGY
- TRANSITIONAL YEAR

Fellowship Programs
- CARDIOLOGY
- CARDIAC ELECTROPHYSIOLOGY
- GASTROENTEROLOGY
- GERIATRICS
- HEART FAILURE

Other Medical Education Programs
- MEDICAL STUDENTS
- CONTINUING MEDICAL EDUCATION
- PHYSICIAN ASSISTANT STUDENTS
- FACULTY DEVELOPMENT
- RESEARCH
Kjersti Knox, MD

- Family Physician, Aurora Sinai Family Care Center
- Clinical Adjunct Associate Professor of Family Medicine, University of Wisconsin School of Medicine and Public Health

Interests include Community Medicine, Integrative Medicine, Obstetrics, and Health Policy. Dr. Knox is a graduate of the University of Wisconsin School of Medicine and Public Health where she participated in the Training in Urban Medicine and Public Health (TRIUMPH) program. She completed her Family Medicine Residency at Aurora St. Luke’s Medical Center in Milwaukee. She joined the faculty in 2014 and provides full-spectrum primary care including obstetrics in her clinical practice. She had a Fulbright Fellowship to Sweden in Health Policy and is a Gold Humanism Honors Society Member. She enjoys her family, all things outdoors, yoga, and food.

Fabiana Kotovicz, MD

- Family Physician, Aurora St. Luke’s Family Practice Center
- Clinical Adjunct Associate Professor of Family Medicine, University of Wisconsin School of Medicine and Public Health

Interests include underserved primary care, research, immigration health, teaching and procedures. Dr. Kotovicz completed her medical training at the Universidade de Sao Paulo in Brazil and the Family Practice Residency Program at the University of Illinois in Rockford. She joined as a faculty in 2014 and provides outpatient and inpatient care. She enjoys traveling, biking, reading, cooking and spending time with her family.
Selected Works of Kjersti Knox, MD

Family Physician, Aurora Sinai Family Care Center. Clinical Adjunct Associate Professor of Family Medicine, University of Wisconsin School of Medicine and Public Health

Interests include Community Medicine, Integrative Medicine, Obstetrics, and Health Policy. Dr. Knox is a graduate of the University of Wisconsin School of Medicine and Public Health where she participated in the Training in Urban Medicine and Public Health (TRIUMPH) program. She completed her Family Medicine Residency at Aurora St. Luke’s Medical Center in Milwaukee. She joined the faculty in 2014 and provides full-spectrum primary care including obstetrics in her clinical practice. She had a Fulbright Fellowship.

Conference Presentations (3)

Other

WISE-Family Medicine: a statewide faculty development collaborative
Aurora UW Family Medicine Faculty (2016)
Conclusion: The WISE-FM provides a statewide FD model that can be adopted by others to meet accreditation requirements for CPs.

Preceptor Development with Infographics: A Gift of Time
Aurora UW Family Medicine Faculty (2016)
Melissa Stiles, Jeffrey A Morzinski, Kjersti E Knox, Magnolia Larson, et al.
Background: Traditionally, faculty development material is static and text-based. Infographics are synoptic communication tools that use visual images such...

Other

Triple Aim for Clinical Teachers (TACT): Faculty Physician Perceptions on...
Welcome to FAMILY MEDICINE
RESIDENCY PROGRAM

Largest Health Care System

WELCOME TO WISCONSIN
Aurora Family Medicine Residency Program
Selected Works of Aurora Family Medicine Residents

Family Medicine Residents

The Aurora Family Medicine Residency Program has a long history of providing excellent educational experiences and training for family physicians. Our 281 graduates are practicing throughout the country, ranging from a rural Alaskan island to major metropolitan areas. With special strengths in population health, community medicine, sports medicine, in-patient services, integrative medicine and research, the program provides an excellent opportunity for residents to be well trained in all areas.

Conference Presentations (11)

Evaluation of patient opinions and experiences with electronic cigarettes at...
Aurora Family Medicine Residents (2016)
Ima D. Tanner, Breana C. Cummins, Jessica J. F. Kram and Dennis J. Baumgardner
Conclusion: Smoking status significantly affects whether a patient has tried e-cigs, with current smokers being most likely to ever have...

Identifying disparities in colorectal cancer screening rates in Milwaukee-based academic...
Aurora Family Medicine Residents (2016)
Conclusion: The African American/Black race per the Centers for Disease Control & Prevention has the highest CRC death making early...

Quality improvement of procedural services in Family Medicine (FM) Residency...
Aurora Family Medicine Residents (2016)
Kaisha Rogers, N. Guehwan and Lisa Sullivan Vedder

Communicating Diagnostic Test Results: A family Medicine Residency QI project...
Aurora Family Medicine Residents (2016)
Process

1. Librarians create individual clinician/faculty profiles
2. Import works in Aurora’s Institutional Repository (IR) to Selected Works profile
3. Share site URL/login with clinician
4. They update themselves
Benefits

- Increased scholarly awareness of residents/faculty
- Individual author readership reports
- ACGME reports/accreditation
- Download maps
- Increased Aurora Libraries visibility
  - A source for scholarly info
  - Trickle down effect
Hurdles

- Technical issues
  - Restrictive template (labels, categories)
  - Library mediated deposit model - copyright issues
  - Searching for and importing into profiles from our larger IR
  - Staffing and quality control - training Medical Education coordinators to take over
Hurdles (continued)

- Promotional issues
  - Finding and losing champions
  - Explaining IRs, scholarly profiles
  - Perceived duplication with ResearchGate and other tools
Selected Works future

- Create “group” profiles for rest of residency and fellowship programs
- Create individual faculty profiles for remaining Graduate Medical Education (GME) programs
- Add links to GME websites
  - Individual profiles
  - Resident/fellows research
- Promote readership/download maps
Impact Analytics - bepress
Who is bepress and what do we do?

- Started by UC Berkeley professors as journal publishing software in 1999
- Expanded to Digital Commons:
  - Institutional repository and comprehensive showcase for all scholarly content (working papers, conferences, audio and video, special collections…)
- Integrated Expert Gallery of faculty profiles
- Increased focus on impact of scholarship and faculty authors
Readership and Impact Dashboards

- Expanding beyond citation counts shows broader engagement within and outside of academia
- See readership by journal, article, or collection
- Analytic views for any stakeholder
- Activity by industry, country, and search terms
- Easily shareable, exportable data
Who’s reading our work?
How are people finding my work?

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Showing 1 to 5 of 33 entries
For Journal Editors and Administrators
For Authors
(of articles, working papers, conference posters, textbooks, datasets, etc.)
Identify new partners
Students/authors get it…

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**New Scholar Award**
**UNCW Psychology Department**
**August 2014**

**Work Added to the Undergraduate Research Commons**
**Undergraduate Research Commons**
**October 2014**

My article, "Relations between Maternal Personality, Parenting, and Toddlers’ Emotion Regulation and Externalizing Behaviors" was chosen to be included in the Undergraduate Research Commons, which showcases outstanding undergraduate research publications.

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**Lauren Schaefer’s Education**

**University of North Carolina at Wilmington**
**Master of Arts (M.A.), Psychology**
**2014 – 2016 (expected)**

I am working towards my masters degree in psychology at UNCW and plan to continue my education to earn my Ph.D in psychology.
Insight brings new opportunities:

Active Calculus:
http://scholarworks.gvsu.edu/books/10/

ACTIVE CALCULUS: USAGE STATISTICS
August 10, 2016 - by Matt Boelkins - in Publicity - Leave a comment

One of the superb librarians at GVSU who manages the site that hosts AC sent me access to a dashboard that reveals a lot of interesting user data.

For example, after GVSU, the 10 locations/institutions that have downloaded AC most are:

- Westmont College
- Foothill-DeAnza Community College District
- University of Redlands
- Keene State College
- St Ignatius High School
- Middlebury College
- University of British Columbia
- Adelphi University
- Nevada System of Higher Education
- Washington & Lee University

In addition, there are some really interesting maps of download data, such as these (which summarize the downloads in calendar year 2015):

![Map showing download data worldwide]
NEW: Expert Gallery Suite
(including SelectedWorks and Impact Gallery)
Other Ways We Measure Impact

Live readership maps for journals, departments, and universities

Article-level metrics
Contact us:

- Jennifer Deal - jennifer.deal@aurora.org
- Brenda Fay - brenda.fay@marquette.edu
- Deb Simpson - deb.simpson@aurora.org
- Dave Stout - dstout@bepress.com