

Discovering Library Research Services: Enhancing Efficiency & Effectiveness



Research Academy

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Services

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February 23, 2021 | 1:30-2:30 PM

Disclosure

- * **I, Susan Steelman, do not have** (nor does any immediate family member have) a vested interest in or affiliation with any corporate organization of which resources/ products are included in this educational activity. Nor do I have any affiliation with an organization whose philosophy could potentially bias my presentation.

OBJECTIVES

Attendees should be able to:

- * Describe the Myriad of Library Services
- * Utilize Services for Database Searches, Systematic Reviews, Bibliographic Analysis and more
- * Identify & Utilize Liaison Services for Departments/Colleges
- * Describe & Utilize Embedded Librarian Services for Research Projects
- * Identify Tools & Resources for Publication Needs

UAMS LIBRARY SERVICES

* **Who Can Use Us?**

- * UAMS faculty, staff, residents, fellows, researchers, students – ALL
- * AR Health Professionals
- * AR Libraries
- * Arkansans Needing to do Health & Medical Research

UAMS LIBRARY SERVICES

- * COLLECTIONS
- * CIRCULATION
- * INTERLIBRARY LOANS (ILLs)
- * HISTORICAL RESEARCH CENTER



Ribbon cutting ceremony for the Arkansas
Cancer Research Center, 1989
UAMS Library Historical Research Center

EDUC. & RESEARCH SERVICES

- * Reference
- * Consultations
- * Education
- * Outreach
- * House Calls
- * RCSS
- * Clinical Librarian Services
- * Liaisons
- * Embedded Librarians

RESEARCH & CLINICAL SEARCH SERVICES [RCSS]

- * **Free Literature Searches at all levels**
 - * Background Material for Grant Proposal
 - * Quality Improvement / Guideline Development
 - * Patient Care
 - * Clinical Trial Identification
- * **Promotion & Tenure**
 - * Citation Verifications
 - * Cited References Searches
- * **NIH Pubic Access Policy Compliance**

Systematic Reviews/MAs or Scoping

- * Types of Lit Reviews
- * In-depth Consultation re: team's search needs/goals
- * Customizable Roles of Librarian on the Team

Possible Librarian Roles as SR Research Team Member



Clinical Librarian Services

- * Expansion of Program
- * Coordinator... Lindsay Blake, MLIS, AHIP
- * Morning Report + Noon Conferences
- * Patient Rounding
- * **Resident's Education & Research**
- * **Clinical Research Projects**

Liaison Services

- * Updates on new resources and services
- * [Consultations](#) and specialized search strategy development
- * Assistance with saving and managing [NCBI Searches](#)
- * Customized Library Services: [orientations](#), presentations & training
- * Integration of research & information mgt. skills into the curriculum
- * Collaborative participation in evaluating resources
- * Assistance with [scholarly publishing](#)
- * Assistance with [copyright](#) and fair use questions

Embedded Librarians

- * Research Librarian/Informationist Embedded with Team
- * Best at Beginning of Project
- * Librarians as Partners

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> Nature. 2020 Dec 15. doi: 10.1038/d41586-020-03541-5. Online ahead of print.

Open-access journal eLife announces 'preprint first' publishing model

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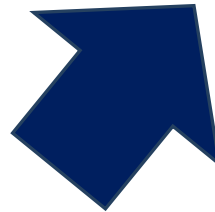
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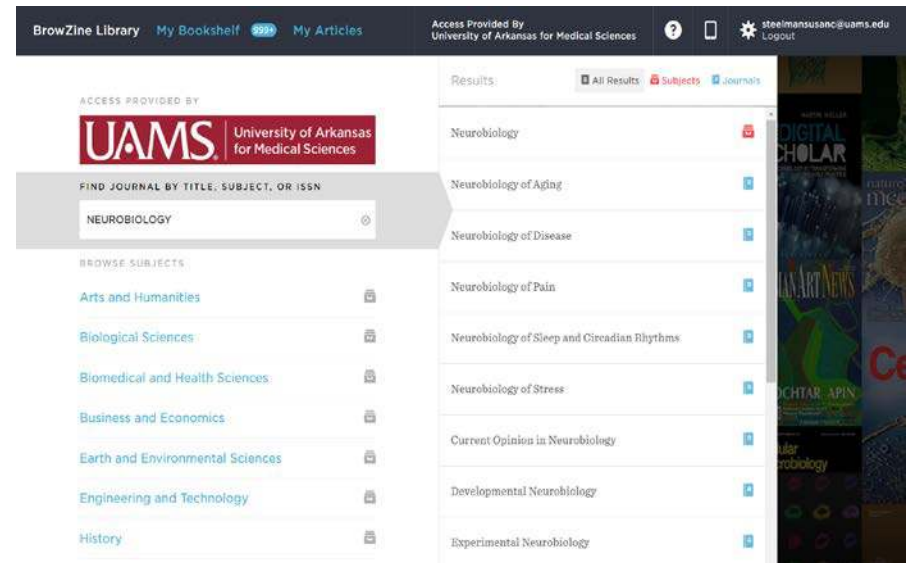
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Liaison Depts.



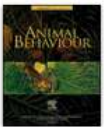

ANGELS

-  Acta Obstetrica et Gynecologica
-  Early Human Development
-  Fetal and Maternal Medicine
-  Journal of Gynecologic Surgery

COLL HEALTH PROF

-  Journal of Nuclear Medicine
-  Journal of Public Health Dentistry
-  Journal of the American Academy of
-  Chronic Respiratory Disease

IACUC

-  Laboratory Animals
-  Advances in Animal Biosciences
-  Animal Behaviour
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SJR: 2.352

Neurobiology of Aging

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NEW ARTICLES

Articles in Press

JOURNAL ISSUES

2021	>	Vol 101	>
2020		Vol 100	
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Vol. 101

Effects of amyloid pathology and the APOE ε4 allele on the association between cerebrospinal fluid Aβ38 and Aβ40 and brain morphology in cognitively normal 70-years-olds

pp. 1-12 - Lindberg, Olof; Kern, Silke; Skoog, Johan; ... Skoog, Ingmar



Aging faster: worry and rumination in late life are associated with greater brain age

pp. 13-21 - Karim, Helmet T.; Ly, Maria; Yu, Gary; ... Andreescu, Carmen



Functional connectivity differences in Alzheimer's disease and amnesic mild cognitive impairment associated with AT(N) classification and anosognosia

pp. 22-39 - Mondragón, Jaime D.; Maurits, Natasha M.; De Deyn, Peter P.



Decreased pH in the aging brain and Alzheimer's disease

pp. 40-49 - Decker, Yann; Németh, Eszter; Schomburg, Robert; ... Fassbender, Klaus



Association of the CD2AP locus with cognitive functioning among middle-aged individuals with a family history of Alzheimer's disease

pp. 50-56 - Manzali, Sigalit Batia; Ravona-Springer, Ramit; Alkelai, Anna; ... Greenbaum, Lior



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In vivo effects of goldenseal, kava kava, black cohosh, and valerian on human cytochrome P450IA2, 2D6, 2E1, and 3A4/5 phenotypes

By: Gurley, BJ (Gurley, BJ); Gardner, SF (Gardner, SF); Hubbard, MA (Hubbard, MA); Williams, DK (Williams, DK); Gentry, WB (Gentry, WB); Khan, IA (Khan, IA); Shah, A (Shah, A)

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CLINICAL PHARMACOLOGY & THERAPEUTICS

Volume: 77 Issue: 5 Pages: 415-426

DOI: 10.1016/j.clpt.2005.01.009

Published: MAY 2005

Document Type: Article

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Abstract

Objectives. Phytochemical-mediated modulation of cytochrome P450 (CYP) activity may underlie many herb-drug interactions. Single-time point phenotypic metabolic ratios were used to determine whether long-term supplementation of goldenseal (*Hydrastis canadensis*), black cohosh (*Cimicifuga racemosa*), kava kava (*Piper methysticum*), or valerian (*Valeriana officinalis*) extracts affected CYP1A2, CYP2D6, CYP2E1, or CYP3A4/5 activity.

Methods. Twelve healthy volunteers (6 women) were randomly assigned to receive goldenseal, black cohosh, kava kava, or valerian for 28 days. For each subject, a 30-day washout period was interposed between each supplementation phase. Probe drug cocktails of midazolam and caffeine, followed 24 hours later by chlorzoxazone and debrisoquin (INN, debrisoquine), were administered before (baseline) and at the end of supplementation. Presupplementation and postsupplementation phenotypic trait measurements were determined for CYP3A4/5, CYP1A2, CYP2E1, and CYP2D6 by use of 1-hydroxymidazolam/midazolam serum ratios (1-hour sample), paraxanthine/caffeine serum ratios (6-hour sample), 6-hydroxychlorzoxazone/chlorzoxazone serum ratios (2-hour sample), and debrisoquin urinary recovery ratios (8-hour collection), respectively. The content of purported "active" phytochemicals was determined for each supplement.

Results: Comparisons of presupplementation and postsupplementation phenotypic ratio means revealed significant inhibition (approximately 40%) of CYP2D6 (difference, -0.228; 95% confidence interval [CI], -0.268 to -0.188) and CYP3A4/5 (difference, -1.501; 95% CI, -1.840 to -1.163) activity for goldenseal. Kava produced significant reductions (approximately 40%) in CYP2E1 only (difference, -0.192; 95% CI, -0.325 to -0.060). Black cohosh also exhibited statistically significant inhibition of CYP2D6 (difference, -0.046; 95% CI, -0.085 to -0.007), but the magnitude of the effect (approximately 7%) did not appear to be clinically relevant. No significant changes in phenotypic ratios were observed for valerian.

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Specific Journal's Impact Rating

1. **Clinically Relevant Herb-Micronutrient Interactions: When Botanicals, Minerals, and**
By: Gurley, Bill J.; Tonsing-Carter, Alyssa; Thomas, Sheila L.; et al.

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A checklist is provided. For PDF of the checklist please email the [Research Office](#). Below the checklist are links to tools used for researching important aspects about a specific journal.

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> Int J Med Inform. 2015 Jun;84(6):423-9. doi: 10.1016/j.ijmedinf.2015.02.003. Epub 2015 Feb 19.

Impact of simulation training on self-efficacy of outpatient health care providers to use electronic health records

Jasna Vuk ¹, Michael E Anders ², Cynthia C Mercado ³, Robert L Kennedy ³, Jessie Casella ⁴, Susan C Steelman ⁴

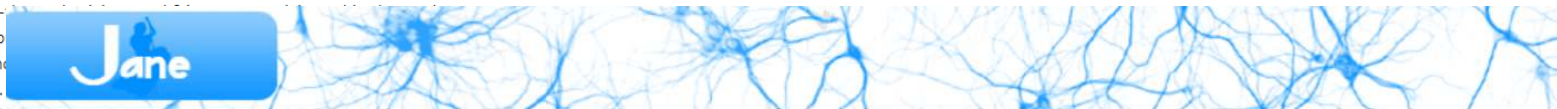
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PMID: 25746460 DOI: 10.1016/j.ijmedinf.2015.02.003

Abstract


Objectives: To examine whether simulation training enhanced self-efficacy of physicians and nurses who work in the outpatient setting to use electronic medical records, and whether the training changed their perceptions about the importance of electronic medical records (EMRs) in helping patients and improving patients' safety.

Methods: Two-hundred and ninety- Participants first attended two comp Subsequently, the participants atten encountering standardized patients. prior to and immediately after simul about the importance of EMRs in these journals have articles most similar to your input: and preparedness level to use EMRs.

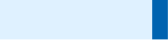
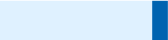


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	Samadbeik M, Fatehi F, Braunstein M, Barry B, Saremian M, Kalhor F, Edirippulige S <input type="checkbox"/> Education and Training on Electronic Medical Records (EMRs) for health care professionals and students: A Scoping Review. International journal of medical informatics. 2020

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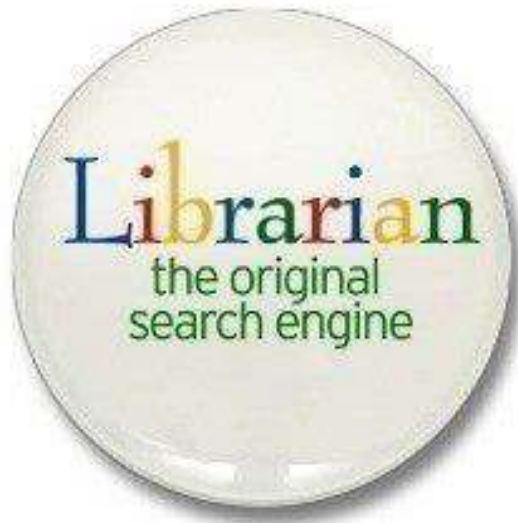
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