



UNIVERSITY OF ARKANSAS  
FOR MEDICAL SCIENCES



# Research Support Information Network (RESIN)

**Presented by: Office of the Vice Chancellor for Research**

**Date: March 1, 2016**



# Agenda

## ■ Updates & Timely Information from Research Support:

- \* Office of the VCR
- URC
- IRB
- Contract Administration
- \* IACUC
- ORRA
- Procurement Services
- BioVentures

- Travel
- ORSP
- Research Compliance
- Office of Finance
- \* Library
- COI
- \* TRI
- \* Proteomics Core



# KL2 Mentored Research Career Development Scholar Award

Amy Jo Jenkins, Sr. Project Mgr., TRI

- **Components of KL2 Program**
  - Mentored Research Project
  - Required Training
  - Individualized Training
    - Formal and informal training
    - Off-site training and externships
  - Networking and Dissemination Activities
  - Transition to Independence



# KL2 Mentored Research Career Development Scholar Award

Amy Jo Jenkins, Sr. Project Mgr., TRI

KL2 Program Activities and Milestones								
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
<b>1. Mentored Research Project</b>								
Weekly meetings, Primary Research Mentor	X	X	X	X	X	X	X	X
Monthly meetings, KL2 Co-Directors	X	X	X	X	X	X	X	X
Quarterly meetings, mentoring team	X	X	X	X	X	X	X	X
Progress on mentored research project	X	X	X	X	X	X	X	X
Peer-reviewed publications submitted/accepted					X	X	X	X
K- or R-level grant submitted/funded						X	X	X
<b>2. Interdisciplinary Program Activities</b>								
Program Orientation and IDP Training	X							
Responsible Conduct of Research Boot Camp	X							
Team Science Online Training	X	X	X	X				
MAP Seminar Series	X	X	X	X	X	X	X	X
K Paseo Online Training	X	X						
Grant writing workshop	X	X	X	X				
K Club (varies)						X	X	X
Mock study section (varies)				X				X
Abstracts presented (ACTS/other meetings)			X				X	
<b>3. Individualized Training Options (tailored to needs of scholar)</b>								
Career development training (varies)	X	X	X	X	X	X	X	X
Formal training programs (varies)	X	X	X	X	X	X	X	X
Methods-specific training (varies)	X	X	X	X	X	X	X	X
Externships and off-site training (as needed)	X	X	X	X	X	X	X	X

# KL2 Mentored Research Career Development Scholar Award

Amy Jo Jenkins, Sr. Project Mgr., TRI



- **Bryce Marquis, PhD**
- **Project title: Amino acid supplementation for improved physical function in geriatric heart failure patients**
- **Assistant Prof., Department of Geriatrics, COM**
- **Mentors**
  - Robert Wolfe, Ph.D.  
Professor, Department of Geriatrics
  - Gohar Azhar, M.D.  
Associate Professor, Department of Geriatrics
  - Jeanne Wei, M.D., Ph.D.  
Professor, Department of Geriatrics  
Director, Reynolds Institute on Aging
  - Elisabet Borsheim, Ph.D.  
Associate Professor, Department of Pediatrics
  - Gunnar Boysen, Ph.D.  
Associate Professor, Fay W. Boozman College of Public Health



# KL2 Mentored Research Career Development Scholar Award

Amy Jo Jenkins, Sr. Project Mgr., TRI



- **Shona Ray-Griffith, MD**
- **Project title: Neuropathic Pain in Pregnancy**
- **Assistant Prof., Dept. of Psychiatry, COM**
- **Mentors**
  - Zachary Stowe, M.D.  
Professor, Department of Psychiatry
  - Pedro Delgado, M.D.  
Professor, Department of Psychiatry  
Director, UAMS Psychiatric Research Institute
  - Everett Magann, M.D.  
Professor, Department of Obstetrics & Gynecology

# KL2 Mentored Research Career Development Scholar Award

Amy Jo Jenkins, Sr. Project Mgr., TRI

KL2 Scholar Productivity by Cohort					
Cohort Year	Pubs	Grants Awarded			
		Federal*		Other	Total
		PI	Co-I		
2009	38	1	3	7	11
2010	40	4	4	6	14
2011	44	2	6	11	19
2012	25	3	4	10	17
2013	20	3	0	3	6
2014	15	0	0	5	5
<b>Total</b>	182	13 \$6.9M	17 \$13.7M	42 \$3.0M	72 \$23.5M

\*Funding agencies include CDC, HRSA, NIDA, NIDDK, NIMHD, PCORI, VA



# KL2 Mentored Research Career Development Scholar Award

Amy Jo Jenkins, Sr. Project Mgr., TRI

## ■ Recent Changes to Program

### ■ In place:

- Expanded director oversight of Scholar progress
- More structured required training program
- Individualized training options/externships
- **Team Science training requirement**
- **Transition to independence program (Online course, K Club)**
- **Responsible Conduct of Research (RCR) Boot camp**
- **Expanded evaluation and tracking**

### ■ Planned:

- Expanded K to R program





# KL2 Mentored Research Career Development Scholar Award

Amy Jo Jenkins, Sr. Project Mgr., TRI

- **Expanded Mentor Training Program**
  - Modelled on Wisconsin CTSA training program
    - Mentor Training Workshop led by WI faculty held at TRI, March 2015
    - 11 faculty trained
    - Evaluations positive
  - Facilitator training - Wisconsin, June 2016
    - 2 TRI faculty (Aitken and Boateng) will attend
  - Annual workshops planned starting Fall 2016



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Susan Steelman, MLIS, Head of Education & Reference Services, UAMS Library

## ■ New Awareness Tool

- Find & Track Favorite eJournals



## ■ Multiple Platforms/Devices

- Web
- iOS
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## ■ Desktop / Tablet / Phone



# BrowZine: 101

Susan Steelman, MLIS, Head of Education & Reference Services, UAMS Library

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## Quick Links

- eJournals – Search Titles
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- More information at:

[http://library.uams.edu/  
online-resources/browzine/](http://library.uams.edu/online-resources/browzine/)

# BrowZine: 101

Susan Steelman, MLIS, Head of Education & Reference Services, UAMS Library

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Domestic Animal Endocrinology

Journal of Small Animal Practice

Applied Animal Behaviour Science




# BrowZine: 101


Susan Steelman, MLIS, Head of Education & Reference Services, UAMS Library

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SJR: 1.422

**Veterinary and Comparative Oncology**

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JOURNAL ISSUES

**2016** CHANGE

**Vol. 14 Issue 1**

BROWSE RELATED SUBJECTS

- [Laboratory Animal Medicine](#)
- [MLA VMLS Basic List of Veterinary Medical Serials](#)

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2016

**Vol. 14 Issue 1**

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**Canine transmissible venereal tumour: a review**

pp. 1-12 - Ganguly, B.; Das, U.; Das, A. K.

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**The radiosensitizing effect of the aurora kinase inhibitors, ENMD-2076, on canine mast cell tumours**

pp. 13-27 - Shiomitsu, K.; Sajo, E.; Rubin, C.; Sehgal, I.

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**Evaluation of 18F-FDG PET/CT as a diagnostic imaging and staging tool for feline oral squamous cell carcinoma**

pp. 28-38 - Randall, E. K.; Kraft, S. L.; Yoshikawa, H.; LaRue, S. M.

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**Assessment of predictive molecular variables in feline oral squamous cell carcinoma treated with stereotactic radiation therapy**

pp. 39-57 - Yoshikawa, H.; Ehrhart, E. J.; Charles, J. B.; Custis, J. T.; LaRue, S. M.

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**Ocular manifestation of lymphoma in newly diagnosed cats**

pp. 58-66 - Nerschbach, V.; Eule, J. C.; Eberle, N.; Höinghaus, R.; Betz, D.

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**Evaluation of adjuvant carboplatin chemotherapy in the management of surgically excised anal sac apocrine gland adenocarcinoma in dogs**



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Susan Steelman, MLIS, Head of Education & Reference Services, UAMS Library

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16 Shelves

64 Journal Titles

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  - Shelf 3
  - Shelf 4
- Medical Libraries
  - Research
  - Management
  - Shelf 3
  - Shelf 4

**Liaison Depts.**

**ANGELS**

- Acta Obstetricia 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
- Journal of Animal Breeding and

4/6/2016



# BrowZine: 101

Susan Steelman, MLIS, Head of Education & Reference Services, UAMS Library

Life Story Not Required

Live Demo?

Susan Steelman 686-6737

[scsteelman@uams.edu](mailto:scsteelman@uams.edu)

E&RS

686-6734

[LibraryInformationDesk@uams.edu](mailto:LibraryInformationDesk@uams.edu)

4/6/2016

15



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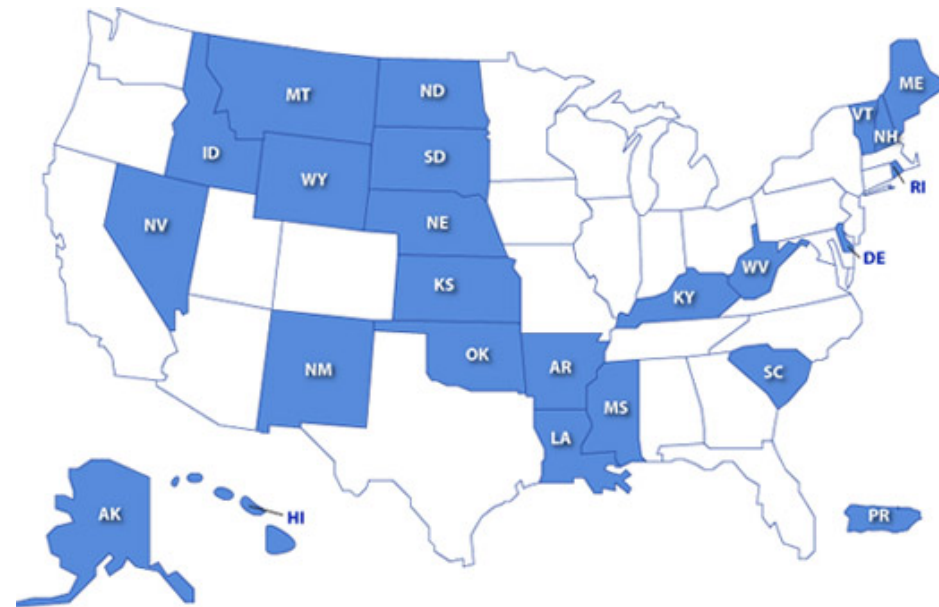
# INBRE Opportunities for UAMS

## Core Directors

Alan Tackett, PhD, Director  
INBRE Research Technology Core

### Opportunity 1: Free Training in State-of-the-Art Approaches

- Free training in new approaches at other SE Regional INBRE Core Facilities
- Core Directors at UAMS and other regional INBRE states will be listed on INBRE websites with relevant expertise
- Coming online very soon
- Link to be sent to Core Directors
- Have the opportunity to teach other Core Directors your approaches







# INBRE Opportunities for UAMS

## Core Directors

Alan Tackett, PhD, Director

INBRE Research Technology Core

## Opportunity 2: Core Facility Development Awards

- Up to \$3500 per award to implement a new technology in your Core (annual October deadline). Email advertised directly to Core Directors.
- 100% funding level in 2015 (yes you are reading that correctly)
- 2015 Recipients
  - DNA Sequencing (Allen Gies): software licenses
  - Microscopy (Brian Storrie): training for new microscope
  - Proteomics Core (Sam Mackintosh): quantitative proteomic technology
- INBRE funded Core Facility Vouchers to Faculty at Arkansas PUIs
  - Over \$50K has been awarded in 2015-16 with the majority coming to UAMS Cores as fee-for-service



# OLAW Site Visit Findings

Bill Gurley, Ph.D., IACUC Chair

- **Site visit on January 27, 2016**
- **Random visit, not for cause**
- **No non-compliance citations issued**



# OLAW Site Visit Findings

Bill Gurley, Ph.D., IACUC Chair

## ■ Positives

- Leadership and engagement of IO, IACUC and DLAM
- Excellent veterinary care and qualified DLAM personnel
- Well-managed animal facilities
- Protocol review, management and documentation
- Post-approval monitoring
- Inclusion of statistician and librarian on committee
- Requirement for SEHS screening prior to animal use



# OLAW Site Visit Findings

Bill Gurley, Ph.D., IACUC Chair

## ■ Suggestions for Improvement

- Consistent animal number tracking for breeding colonies:
  - Newborn pups need to be counted & documented at first manipulation/cage change after birth.
- Social housing of rabbits, or exceptions justified in the AUP and approved by the IACUC.
  - Veterinarians are working with DLAM staff and PIs to determine a “best practice.”



# OLAW Site Visit Findings

Bill Gurley, Ph.D., IACUC Chair

## ■ Suggestions for Improvement (cont.)

- Consistent follow-up by SEHS for animal users.
  - DLAM and the Compliance Office are in contact with SEHS leadership to improve the process.
- Better tracking of correction of deficiencies noted on semiannual site visits.
  - For example, follow-up confirmation of completion if a work order needs to be placed to correct a deficiency.
- Consistent written MOUs for collaborations and subawards.
  - IACUC is working with ORSP and others to define a process.



# OLAW Site Visit Findings

Bill Gurley, Ph.D., IACUC Chair

- **Thanks to everyone (PIs & animal users, DLAM, IACUC, etc.) who contributes to a successful animal care and use program at UAMS & ACHRI!**
  
- **AAALAC accreditation visit coming soon**
  - **(~May 2016)**
  - **DLAM: <http://intranet.uams.edu/dlam/index.htm>**
  - **IACUC: <http://inside.uams.edu/iacuc/>**



# Student Research Day

Linda Williams, M.S., Research Liaison

- **April 13, 2016** (COPH and IDW)
  - Abstract submission deadline - March 24, 2016
  - Participants (Graduate students, Professional students, Post docs and House staff)
  - 12:00 p.m. – 1:00 p.m., Lunch for 200
  - Poster sessions 10:00 – 11:30 a.m. and 1:15 – 2:45 p.m.
- Keynote speaker - Arturo Casadevall, MD, PhD
  - “Science at a Crossroads: Time for Reform”
  - Alfred & Jill Sommer Prof./Chair of the W. Harry Feinstone Dept. of Molecular Microbiology & Immunology
  - Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland



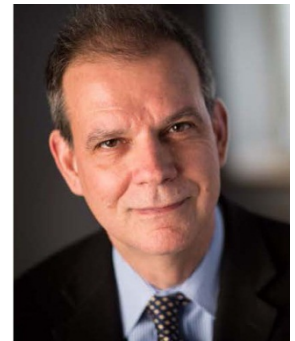
# Student Research Day

Linda Williams, M.S., Research Liaison

## ■ Keynote speaker - Arturo Casadevall, MD, PhD

### ■ Research

- Laboratory focus is the fungus, *Cryptococcus neoformans*, an environmental microbe in immunocompromised individuals.
- Laboratory has also worked with other microorganisms including *Bacillus anthracis*, a bacterium that causes anthrax, is a major agent of biological warfare, and spores easily dispersed. His laboratory is interested in devising antibody-based countermeasures to protect against anthrax.







# Next RESIN

## ■ Next RESIN

- **April 5, 2016 @ 12:00 p.m.**
- Location - **Walton Auditorium**, Winthrop P. Rockefeller Cancer Institute, 10<sup>th</sup> floor
- All RESIN presentations archived on the UAMS Research website
  - [http://www.uams.edu/research/RESIN\\_Achive.asp](http://www.uams.edu/research/RESIN_Achive.asp)