

UAMS

UNIVERSITY OF ARKANSAS
FOR MEDICAL SCIENCES



Presented by: Office of the Vice Chancellor for Research
Date: May 6, 2014



Agenda

■ Updates & Timely Information from Research Support:

⊕ Office of the VCR

RSC

⊕ IRB

⊕ IACUC

HIPAA

UAMS Library

BioVentures

Cost/Grants Accounting

COI

⊕ ORSP

ORC

DLAM

OGSP

⊕ TRI

Medical Informatics



Are you Biased? Improving the Quality of Animal Research

Kerrey Roberto, IACUC Administrator

- **Lack of translation from animals to humans**
 - NC3Rs/NIH OLAW survey
 - Review of 271 published articles
 - Survey results published in 2009
 - Lack of uniformity in reporting:
 - Randomization
 - Blinding
 - Statistics
 - Animal Characteristics



Are you Biased? Improving the Quality of Animal Research

Kerrey Roberto, IACUC Administrator

■ ARRIVE Guidelines

- Animal Research: Reporting of *In Vivo* Experiments
 - Published in 2010
 - 20-point checklist
 - Based on CONSORT guidelines for clinical trials (Consolidated Standards of Reporting Trials)



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How can you use the ARRIVE guidelines?

The guidelines can be used when reporting research. In brief, the ARRIVE guidelines include the following:

Title

1. Accurate & concise description

Abstract

2. Background, objectives, methods, key findings and conclusions

Introduction

3. Background
4. Objectives

Methods

5. Ethical statement
6. Study design (blinding/randomisation)
7. Experimental procedures (How? When? Where? Why?)
8. Experimental animals (species, sex, weight)
9. Housing and husbandry
10. Sample size
11. Allocation experimental groups
12. Experimental outcomes
13. Statistical methods

Results

14. Baseline Data
15. Numbers Analysed
16. Outcomes & estimation
17. Adverse events

Discussion

18. Interpretation & implications
19. Generalisability and translation
20. Funding



For a full description, see the 20-point check list at www.nc3rs.org.uk/ARRIVE





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■ ARRIVE Guidelines

- Endorsed by journals
 - ~300, including Nature, AJP
- Funding agencies showing interest
 - May be required when submitting applications
 - Increase translation of animal research to humans
 - Decrease wasted time, animals and \$\$\$



Are you Biased? Improving the Quality of Animal Research

Kerrey Roberto, IACUC Administrator

- **IACUC Website**

- <http://iacuc.ad.uams.edu/>

- **DLAM Website**

- <http://intranet.uams.edu/dlam/index.htm>



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■ ARRIVE Guidelines Checklist

- <http://www.nc3rs.org.uk/downloaddoc.asp?id=2093&page=1357&skin=0>

■ Guidance for the Description of Animal Research in Scientific Publications (ILAR/National Academies)

- http://www.nap.edu/openbook.php?record_id=13241



Are you Biased? Improving the Quality of Animal Research

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Questions





Tracks-Grants Update

Rebecca Nickleson, MSHS, CRA

- **TRACKS-Grants has arrived!**
 - Over 60 funding proposals have been entered to date
- ARIA data imported into TRACKS-Grants
 - ARIA data sets – Successful!
 - Documents – Scheduled to be imported overnight
- Training Sessions
 - Pre-Award – Over 350 participants
 - Post-Award – Over 120 participants
 - Future sessions are being scheduled and will be announced at a later time



IRB Fees

Jennifer Holland, JD, IRB Director

- **Non-Industry studies will not be charged IRB fees after July 1**
 - Fees ranged from \$30-\$300
- **Outside IRB Fees**
 - IRB fees will be charged for these studies due to the remaining administrative workload.
 - Policies and processes are being developed



TRI Pilot Funding Program

Lee Ann MacMillan-Crow, Ph.D. Director of
Pilot Studies

■ New Program Guidelines

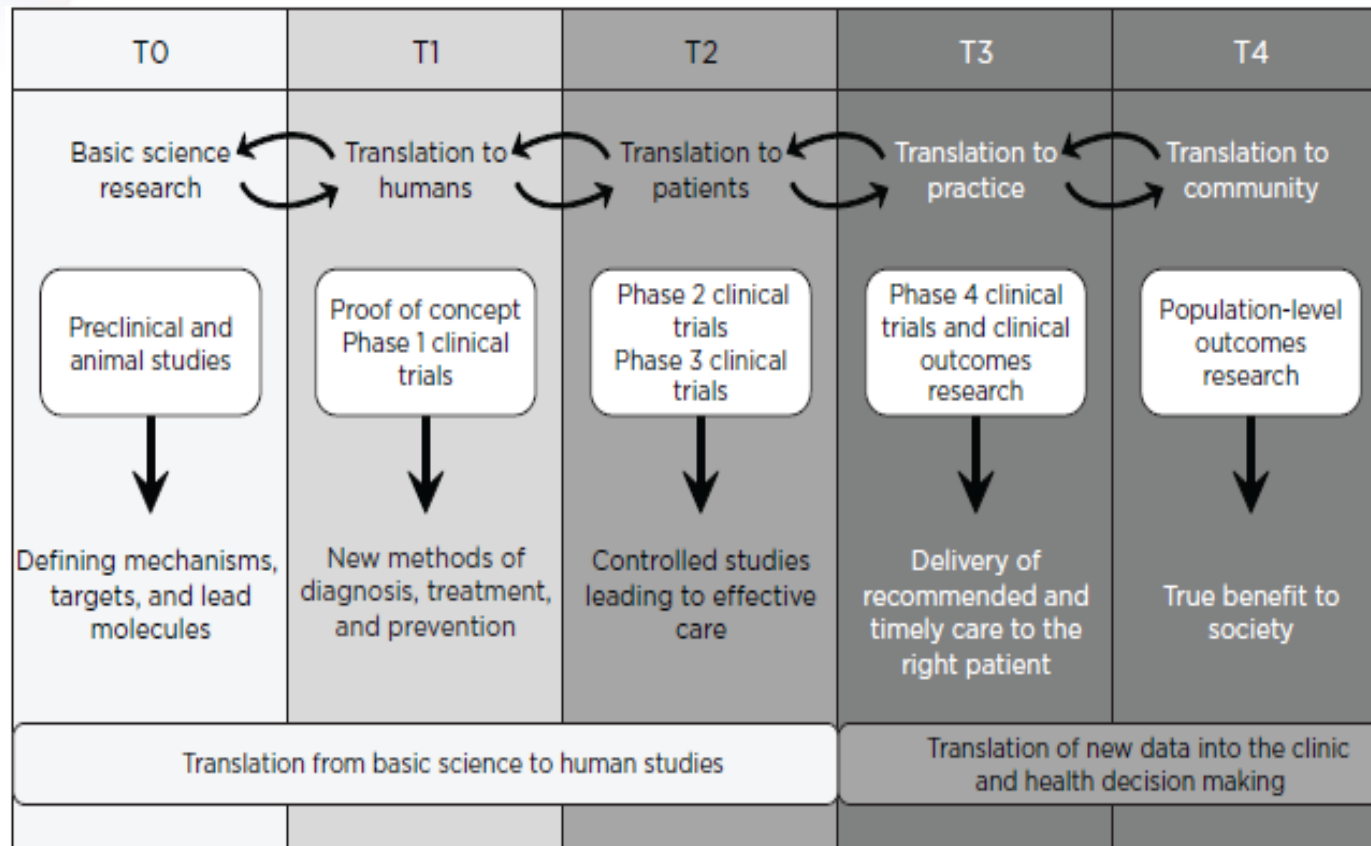
- IRB/Animal Protocols must be approved prior to submitting full proposal
- Will allow therapeutics testing in established animal models of disease as T1 research



TRI Pilot Funding Program

Lee Ann MacMillan-Crow, Ph.D. Director of Pilot Studies

■ Translational Continuum





TRI Pilot Funding Program

Lee Ann MacMillan-Crow, Ph.D. Director of Pilot Studies

■ New Review Process

- Peer review panel will review Letter of intent as well as Invited Full Proposals
- Will provide 'summary statement' to all Principle Investigators



TRI Pilot Funding Program

Lee Ann MacMillan-Crow, Ph.D. Director of Pilot Studies

■ New Review Criteria

- Translational Significance/Potential
- New Research Collaborations
- Approach
- Translational Plan
- Plan for Extramural Funding



TRI Pilot Funding Program

Lee Ann MacMillan-Crow, Ph.D. Director of Pilot Studies

- **One goal is to increase Team Science on campus**
 - Try and form new interdisciplinary teams
 - Cross college; Cross degree, Cross interest
 - Academic Senate and TRI will co-sponsor a 'Meet and Greet' event June 12th



Changes in F&A Cost Handling

Larry Cornett, Ph.D., Vice Chancellor for Research

■ Brief History

■ Pre-FY2000

--all F&A deposited in 111 fund

■ FY 2000-2014

--base amount of F&A established for each College

--above that amount, 30% to each College and 70% to 111 fund

■ FY2014

--F&A returned to Colleges*





Changes in F&A Cost Handling

Larry Cornett, Ph.D., Vice Chancellor for Research

■ Effective July 1, 2014

--based on 2013 numbers,
Colleges trade 111 fund dollars for
F&A dollars**

--new formula for F&A:

90% to PI's College

10% to Division of Research

**some exclusions (e.g., Headstart, TRI, BARDA grant, BTOP grant)





Changes in F&A Cost Handling

Larry Cornett, Ph.D., Vice Chancellor for Research

■ For those who like to see the numbers...

Action	Dollar Amount
FY2013 F&A	14,201,472
Special allocations**	-2,436,928
Available for F&A/111 Trade	11,764,544
10% allocation to VCR	-1,176,454
Allocation to Colleges	10,588,090
Fund 111 transferred to campus	11,764,544

**some exclusions, (e.g., Headstart, TRI, BARDA grant, BTOP grant)



Changes in F&A Cost Handling

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■ Impact on Research Division

Action	Dollar Amount
10% Allocation to Research Division	1,176,454
Addition F&A for research support	48,769
IRB Support (111 Fund swap)	-507,397
IRB Support (Federal Clinical Trials)	-100,000
Discontinued IRB Fees	-105,000
IRB Deficit Funding	-39,426
VCR Office Funding	-139,537
Available for Research Support	333,863



Changes in F&A Cost Handling

Larry Cornett, Ph.D., Vice Chancellor for Research

■ Going Forward...

- From a College's perspective:
 - strong incentive to grow research
 - research is not necessarily a "money losing" venture
(\$250,000 NIH R01 grant yields 122,500 F&A)
- From Research Division perspective
 - new source of funds to support research
- For grants involving 2 or more Colleges, need a procedure to share R&A costs





Changes in F&A Cost Handling

Larry Cornett, Ph.D., Vice Chancellor for Research

- **UAMS Research Division – Office of the VCR**
 - **Larry Cornett, Ph.D.** – Vice Chancellor for Research
 - **Caroline Miller-Robinson** – Business Manager
 - **Jimie Jarry** – Executive Assistant

Biomedical Research Building 2
Room 163-2; 501.686.5347



Next RESIN

■ Next RESIN

- **June 3, 2014 @ 12:00 p.m.**
- Location - **Walton Auditorium**, Winthrop P. Rockefeller Cancer Institute, 10th floor
- All RESIN presentations archived on the UAMS Research website
 - http://www.uams.edu/research/RESIN_Achive.asp