


Department of Anesthesiology
RESEARCH

HOW AND WHERE TO GET HELP

Mentoring

Seeking Mentoring Help?

- From within your department
- Outside your department

 knowledgeable in your area of research

 able to help you to advance in your academic career.

Research's Lab

5.532/blue section

Marie-Francoise Doursout
PhD in Cardiovascular Pharmacology

Yangyan Liang, MD.
Shu Jun Dou, MS in Biochemistry
Medical and Undergraduate students

Major topic: Biology of Nitric Oxide in physiological and pathological conditions.

Funding: Army-AHA-resubmit NIH

Administrative Research Support

Karen Lam: Phone X 6207

- Generate R&A forms (federal grants and contracts)
- Compose Budget - Provide % of effort for each investigator (PI's responsibility)
- Follow up signatures (Chair's/Dean's office)
- **Cayuse (NIH/DOD/AHA/all federal grants)**
<http://cayuse424.com>
- Submit grants/contracts to OSP
- Follow up post-awards

Anne Starr (Research's Secretary) Phone x 6182

- Manuscripts
- Abstracts
- Posters/Slides
- CV/Bio Sketch/NIH format → Personal Statement

Text Search: PI's responsibility

Internal Research Committee Meeting

- Send all Protocols to Marie-Françoise Doursout prior to IRB submission.
- Protocols will be reviewed by the Internal Research Committee.
- Comments are sent to PIs for protocol revision.
- Protocols are completed on IRIS for IRB submission.
- IRIS Training: Need help? Contact **Barbara Legate**, Administrative Support at 500-3470.
- Departmental Help: Research Assistants: **Maddukuri Vineela/Altamirano Alfonso**.

Statistics


1) On your own:

Link (STATMATE) for Sample Size and Power Analysis

<http://www.uth.tmc.edu/orsc/clamc/statmate.html>

2) Professional Statistical Analysis Help:

Wei-Wei Wang (CCTS) – Statistician-fee/hr

- Prior to sending protocol to IRB (sample size/power analysis)
- Prior to initiating data sheet (IRB approval)
- At the end of data collection for further analysis  Publications

3) Do your homework prior meeting with Dr. Wang.

Hypothesis-primary/secondary endpoints-outcomes, etc...

A reference should be provided with no preliminary data.

<http://www.youtube.com/watch?v=PbODigCZqL8&sns=em>

Research at UTHealth

INVESTIGATOR RESOURCES

- [Animal Research](#)
- [Clinical Trials Resource Center](#)
- [Compliance Programs \[research\]](#)
- [Environmental Health & Safety](#)
- [Forms \[institutional\]](#)
- [Funding Opportunities](#)
- [Human Subjects Research](#)
- [Intellectual Property & Technology Management](#)
- [Post-Award Finance \[PAF Team\]](#)
- [Provost & Executive Vice President Research](#)
- [Sponsored Projects Administration](#)
- [Training Opportunities](#)

Clinical Research Training
New Investigator Development Program (Grants 101/102)

Research at UTHealth

Additional Investigator Resources (Centers)

Center for Clinical and Translational Research (CCTS)Center

Clinical Research Budgeting and Billing Compliance

Clinical Research Education: An Introductory Course for Safe and Ethical Research Practices

K12 Program

Director: Jon Tyson, MD, MPH

Contact Person: Michelle Smith Nancy.M.Smith@uth.tmc.edu 713-500-5651

Center for Clinical Research and Evidence-Based Medicine

Clinical curriculum- educational programs and support services

Clinical Research Budgeting and Billing Compliance

Clinical Research Education: An Introductory Course for Safe and Ethical Research Practices

Funding Opportunities Related to Anesthesiology

- **FEDERAL RESOURCES**

- **National Institutes of Health (NIH)**

- [NIH Funding Opportunities:](#)
- [NIH Grant Submission Schedule:](#)
- [NIH Forms and Applications:](#)
- [NIH Institutes, Offices & Centers:](#)
- [New Investigator Guide to NIH Funding:](#)
- [NIH National Center for Research Resources:](#)
- [National Institute of General Medical Sciences \(NIGMS\)](#)
- [National Heart, Lung, and Blood Institute](#)
- [National Institute of Neurological Disorders and Stroke](#)

- **Other Federal Resources**

- [Agency for Healthcare Research & Quality \(AHRQ\):](#)
- [Department of Defense \(DOD\):](#)
- [Grants.gov](#)
- [National Science Foundation \(NSF\):](#)
- [NIH RePORTER](#)

- **FOUNDATIONS AND ASSOCIATIONS:**

- [American Heart Association \(AHA\)](#)
- [American Society of Regional Anesthesia and Pain Medicine](#)
- [Anesthesia Patient Safety Foundation](#)
- [Bristol-Myers Squibb Foundation, Inc.](#)
- [Burroughs Wellcome Fund](#)
- [Commonwealth Fund](#)
- [Foundation for Anesthesia Education and Research \(FAER\)](#)
- [International Anesthesia Research Society](#)
- [John E. Fogarty International Center](#)
- [James S. McDonnell Foundation](#)
- [The McKnight Endowment Fund for Neuroscience](#)
- [The Medical Foundation](#)
- [National Medical Fellowships, Inc.](#)
- [Neuro-Developmental Treatment Association](#)
- [Robert Wood Johnson Foundation](#)
- [Society of Cardiovascular Anesthesiologists](#)
- [Stem Cell Research Foundation](#)
- [Career Development Awards FAQs \(K08/K23\)](#)