



TEXAS TECH UNIVERSITY
HEALTH SCIENCES CENTER

School of Pharmacy
Office of Sciences

Sept 1, 2013 - Dec 31, 2014

Office of Sciences Activity Report

First Quarter

FY15 Grants

Dr. Xinli Liu - NIH R15

Dr. Eric MacLaughlin - MEDFOCUS
NIH Subaward from University of Iowa

Dr. Ulrich Bickel - Therachon

Dr. Fakhrul Ahsan - Neofluidics

Dr. Paul Trippier - UTSW CTM
Translational Pilot Award

Alok Ranjan - Society of Toxicology
Syngenta Fellowship

Pooja Naik - American Heart
Association Predoctoral Fellowship

Dr. Sherry Luedtke - Discovery
Labs

Dr. Richard Leff / Dr. Claudia Meek -
Discovery Labs

Expected Grants

Dr. Fakhrul Ahsan - NIH R01

Dr. Richard Leff - DOD
UTSW Subcontract

FY14

Equipment Grants

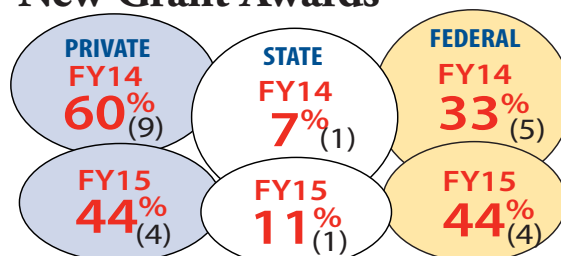
Dr. Fakhrul Ahsan

Dr. Paul Trippier

FY14 Seed Grants

Dr. Gary Jean

New Grant Awards



Thru 12/31/14

Total number of grants **FY14 = 15 / FY15 = 9**

Budget Processing

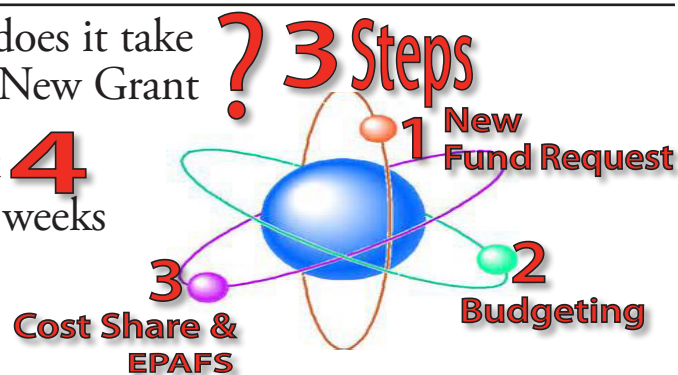
so far in	
FY 14	FY 15
56	17

New Grants & Continuing Funds Set Up / In Process

FY 14	FY 15
42	13

How long does it take
to set up a New Grant

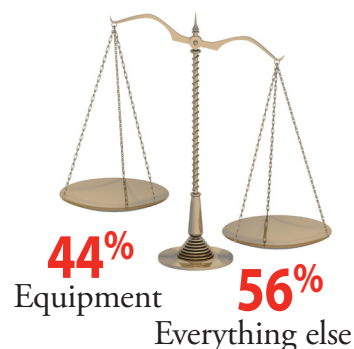
Approx **4**
working weeks



Where does our \$\$\$ go?

FY15 Budget

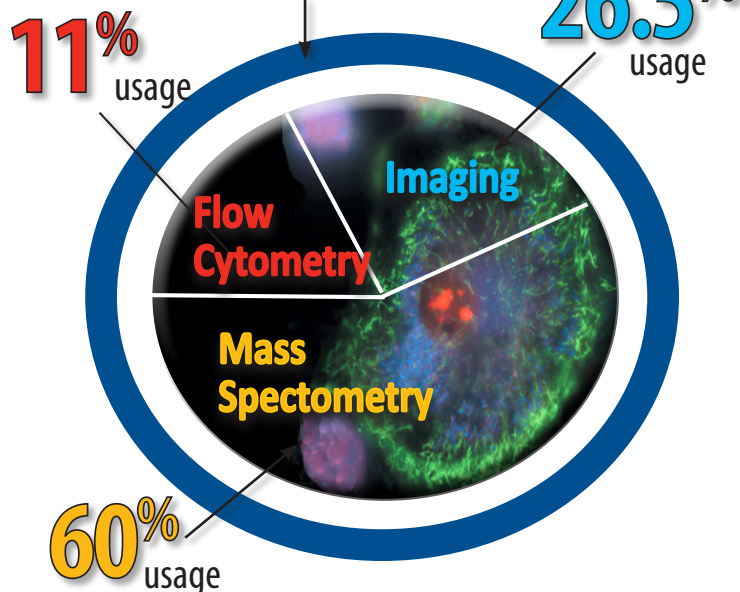
Equipment Maintenance Service Contracts	44%
School Initiatives (Equipment grants, seed grants, faculty start ups, centers)	32%
Office of Sciences (Operating Budget & Salaries)	17.6%
Research Days	6.4%



Core Equipment

Usage - Fiscal Year 14

Total Usage Hours - 1,926.25



Oct 2014 - Smart Vue Freezer Monitoring System Installed for:



24 Sub - 80 Freezers
3 Cold rooms



Purchases/Repairs

- 2 Ice Machines
- 17 Hood Certifications
- Stereotaxic instrument repair
- SOP 423 Flooring
- Repair of blood gas analyzer

Equipment Maintenance Calls

On average:

- 5 daily
- 25 per week
- 100 a month
- 1200 a year!



Equipment Training

- Approx. 12 New Graduate Students yearly
- Department Interns 1 time a year
- Hands-on equipment training occurs periodically
- Approx. 3 students monthly for Microscope Imaging

Support to Labs

SW Airgas: Medical Liquid Nitrogen for ARB & SOP, weekly deliveries

SW X-Ray: SOP LAB 410 - ARB LAB 1406, Film processor monthly cleanings.

Reliant Dry Ice: Dry Ice for Labs: ARB & SOP, 80lbs per week.

NMR Liquid Nitrogen: Delivered regularly to ARB & SOP.

Research Seminars & Training

Title	Date	Attendees
SOP Clinical & Basic Sciences Research Seminars	2/28/14 3/14/14	33 17
Multiphoton Microscope Training	11/10/14	30

Office of Sciences

Research Days 2014



169 Attendees

67 Posters

175 Program Booklets
Printed In-House

5 Sponsors

Thermo
SCIENTIFIC

harlan[®]

charles river

Every Step of the Way



Fox Scientific, Inc.
Since 1988



Equipment Service Contracts

- ☒ **AB Sciex:** QTRAP 5500 LC-MS/MS
- ☒ **BD Biosciences:** FACSVVERSE Flow Cytometer Analyzer/
FACS ARIA Flow Cytometer cell Sorter
- ☒ **BRUKER:** NMR
- ☒ **CUEVAS:** Medical Liquid Nitrogen for ARB & SOP
- ☒ **C-Scan Technologies Inc.:** Annual certifications biological safety cabinets; decontamination of cabinets (ARB +4 SOP labs)
Annual certifications biological safety cabinets; decontamination of cabinets (SOP labs + ARB LARC)
- ☒ **LPS Biomedical Instrument Service: Beckman**
TL-100 Centrifuge, Beckman LE80K Centrifuge, Beckman Allegra 64R Centrifuge, Beckman LS-6500 LSC, Sorvall WX80 Ultracentrifuge, Sorvall/Thermo RC-6 Plus Centrifuge, Beckman LS-6000SC LSC
- ☒ **Nikon:** Multiphoton Microscope, Multiphoton Microscope - LASER
- ☒ **Peak Scientific Inc:** Generator ARB 2303
- ☒ **PerkinElmer:** Caliper IVIS Lumina XR ARB B222
- ☒ **Reliant Dry Ice:** Dry Ice for Labs: ARB & SOP
- ☒ **Evoqua (formerly Siemens):** ELGA ultrapure water filtration system SOP & ARB
- ☒ **Southwest X-Ray:** Film processor cleanings and chemicals provided monthly to SOP LAB 410 - ARB LAB 1406
- ☒ **STERIS:** Autoclave/Glassware Washer/Steam, Sterilizer/
Glassware Washer, Open & close SOP steam generator for annual State inspection.
- ☒ **Tascosa Office:** ARB 2nd Floor Printers (2)
- ☒ **Veterinary Anesthesia Systems, Inc.:** Anesthesia Machine Inspections

Package Deliveries to ARB

Average Packages Handled on a
Weekly Basis =



Monthly Basis =



Yearly Basis =



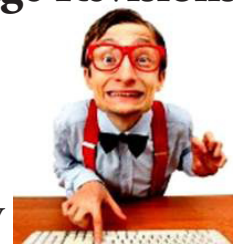
Average 2 hrs a week
contacting package recipients

Office of Sciences

Webpage Revisions

4

hours
weekly



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