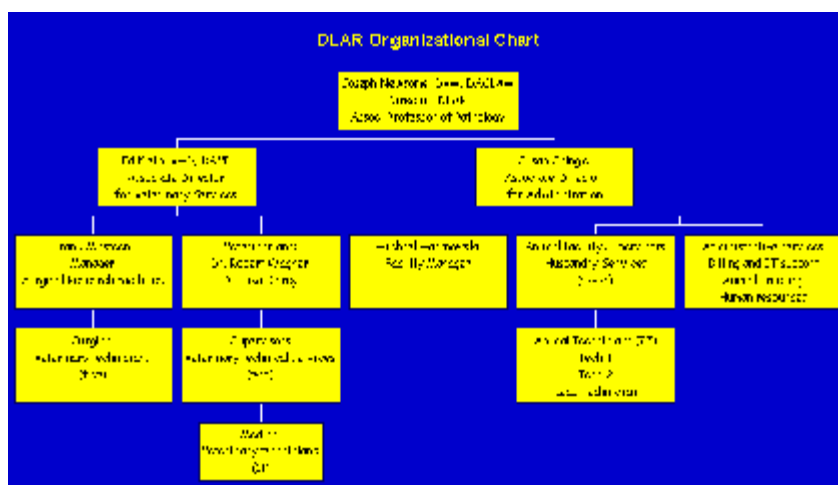


Division of Laboratory Animal Research (DLAR)

1 Mission

- Provide a humane, quality animal care program in compliance with legal and regulatory requirements including animal welfare, occupational health and safety and research conduct.
- Facilitate research using animals through quality services and support.
- Educate, train, and inform the University biomedical community and the public concerning laboratory animal science.
- Enhance, through quality animal care, the University's goal of national and international excellence.

2 Organization



Click [here](#) to see a larger view of the organizational chart.

Hours of Operation

- Administrative Office: 8:00 AM-5:00 PM, Monday through Friday
- Animal Husbandry shifts begin at 6:00 AM - 8:00 AM and end at 2:30 PM - 4:30 PM. Skeleton crews are assigned on weekends and holidays
- Veterinary Services and Surgical Research: 7:00 AM- 4:00 PM, or by scheduled appointment

3 Functions

3.1 DLAR Administrative Services

Leadership:

Associate Director for Administration

- Expertise in DLAR Administrative Services is provided by:
 - Finance Manager
 - Billing specialists
 - Animal purchasing specialists
 - Equipment and supply purchasing specialists
 - Information technology specialist
 - Secretary/receptionist
 - Human resources and grants manager
- Expertise provided by Animal Husbandry Services includes:
 - Twice daily health checks
 - Daily husbandry including feeding, watering, cage changes
 - Consultation on DLAR husbandry resource allocations for space, equipment and study support
 - Transportation, quarantine, animal transfer, and export support
 - Daily area maintenance
 - Animal husbandry record keeping and inventory

DLAR Veterinary Services

- DLAR Veterinary Services is composed of two units:
 - Veterinary Medical Services
 - Veterinary Surgical Services

Leadership:

Associate Director for Veterinary Services

Manager Surgical Research Services

- Expertise in DLAR Veterinary Services is provided by:
 - Clinical Support Veterinarians (4)
 - Veterinary Technician Supervisors (3)
 - Veterinary Medical Technicians (10-12)
 - Veterinary Surgical Technicians (4)
 - Import-Export Specialist (1)
 - Animal Enrichment Specialists (2)

Email dlar@pitt.edu

Phone 412/648-8950

Use of Laboratory Animals in Research and Education

3.2 DLAR Veterinary Medical Services

- Clinical health care and management of all research animals including the diagnosis and treatment of spontaneously occurring and research related disease processes
- Quarantine management of appropriate species
- Animal procurement oversight associated with health status, source and regulatory requirement
- Occupational Health and Safety program design, oversight, and implementation meetings for hazard studies
- Institutional Animal Care and Use Committee services (protocol review, implementing IACUC mandated programs, providing feedback to the Committee, etc.)
- Prospective protocol design consultation with investigators
- Training and advice on animal model selection
- Interface with regulatory officers
- Clinical and research support services through availability of several diagnostic laboratories
- Collaborative interaction in the provision of research support for individual specialties
- **Veterinary and Vet Tech Supervisors' Specializations (in relation to research collaborative potential)**
 - Dr. Edwin Klein Anatomic pathology, with special expertise in diagnostic (necropsy and surgical) and infectious disease pathology
 - Dr. Robert Wagner Clinical veterinarian with specialty in large animal anesthesia, surgery, analgesia and pain management
 - Frank McSteen Registered research surgical nurse, with expertise in surgical animal modeling and anesthesia
 - Dr. Lisa Clarey Clinical veterinarian with expertise in surgical and small animal modeling and emergency medicine
 - Lindsay Pulman Occupational Health and Safety regulations, microbiology
 - David Bolette General parasitology, with special expertise in the fields of acanthocephalids and reptile parasites

Use of Laboratory Animals in Research and Education

- Jennifer Kay Primate enrichment records and concerns
- **Services Offered by the Surgical Research Program**
 - Consultation for the construction of animal research models, protocol design, and budget preparation
 - Assistance with equipment purchasing:
total anesthesia coverage (sedation, induction, and maintenance)
 - Surgical assistance (first assistant or surgeon)
 - Complete chemistry, hematology, and blood gas analysis
 - Assistance with post-operative recovery
 - Assistance with postgraduate surgical programs (design, protocol, and staffing)
 - Complete sterilizing services (EO gas and steam)

4 Emergency Services

- Husbandry or facilities concerns:
Contact area supervisor or page Michael Maranowski: 412/565-9580
- Veterinary emergency or personnel injury:
Contact Veterinary Technician on call: 412-958-5923 or Contact Veterinarian on call: 412/917-2340
- Surgical Research Services:
Contact Frank McSteen: 412/392-7722

5 Summary

The goal of this chapter is to provide an introduction to the Division of Laboratory Animal Resources (DLAR). This division has responsibility for providing humane animal care, and veterinary and research support for the animal-based research and teaching at the University of Pittsburgh. The Division consists of facilities, equipment, personnel, and programs. There is over 200,000 sq. ft. of animal research housing and support space located in 15 buildings, spread over a 25-mile geographic area centered in Oakland, PA. The Division currently has 113 employees providing husbandry, veterinary, research and administrative support to individuals performing IACUC approved research and teaching at the University of Pittsburgh. Programs include teaching, training, seminars, research, community outreach, and consultation services concerning laboratory animal science.