

Ask RCRA

Animal Research at Emory: The Division of Animal Resources (DAR)

Michael J. Huerkamp, DVM, DACLAM
Executive Director, DAR
Attending Veterinarian
Professor, Pathology and Laboratory Medicine

DAR Mission Statement

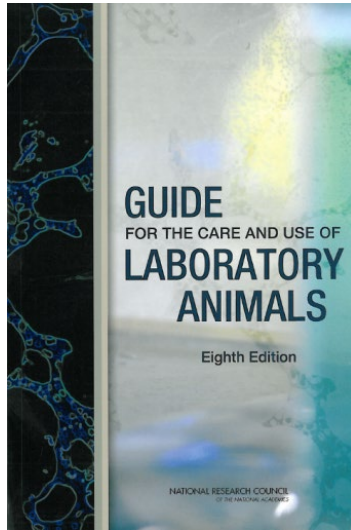
To promote the health and wellbeing of people everywhere by providing the finest animal care and support for Emory University Scientists.



DAR ≠ IACUC



Attending Veterinarian



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GUIDE FOR THE CARE AND USE OF LABORATORY ANIMALS

representative of senior administration, the IO is responsible for resource planning and ensuring the alignment of Program goals of quality animal care and use with the institution's mission.

The Attending Veterinarian

The *attending veterinarian* (AV) is responsible for the health and well-being of all laboratory animals used at the institution. The institution must provide the AV with sufficient authority, including access to all animals, and resources to manage the program of veterinary care. The AV should oversee other aspects of animal care and use (e.g., husbandry, housing) to ensure that the Program complies with the *Guide*.

Attending veterinarian: The veterinarian responsible for the health and well-being of all laboratory animals used at the institution.

Institutional mission, programmatic goals, including the nature of

P. 105: "...monitoring and promoting animal well-being at all times during animal use and during all phases of the animal's life".

P. 116: "The IACUC, together with the AV, is responsible for determining that personnel performing surgical procedures are appropriately qualified and trained in the procedures."

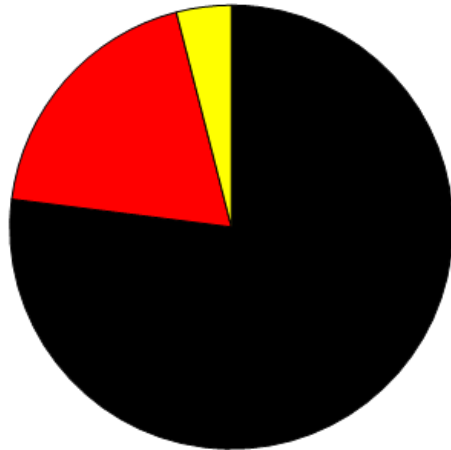
P. 114: "...the veterinarian must have the authority...to treat the animal, remove it from the experiment, institute appropriate measures to relieve severe pain or distress, or perform euthanasia, if necessary."





The stakes have never been higher in studies using animals...

Is animal research necessary for progress in medicine?
(ResearchAmerica, 2004)

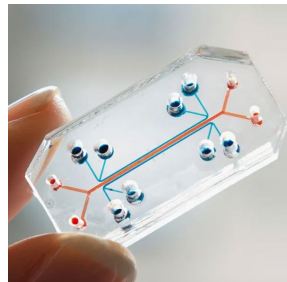


■ Yes ■ No ■ Don't Know

Gallup Poll Moral Acceptability Poll Results

Medical Testing on Animals

	Acceptable	Wrong	Depends	No Opinion
2002	65%	26%	5%	4%
2012	55%	38%	4%	3%
2023	48%	48%	3%	1%



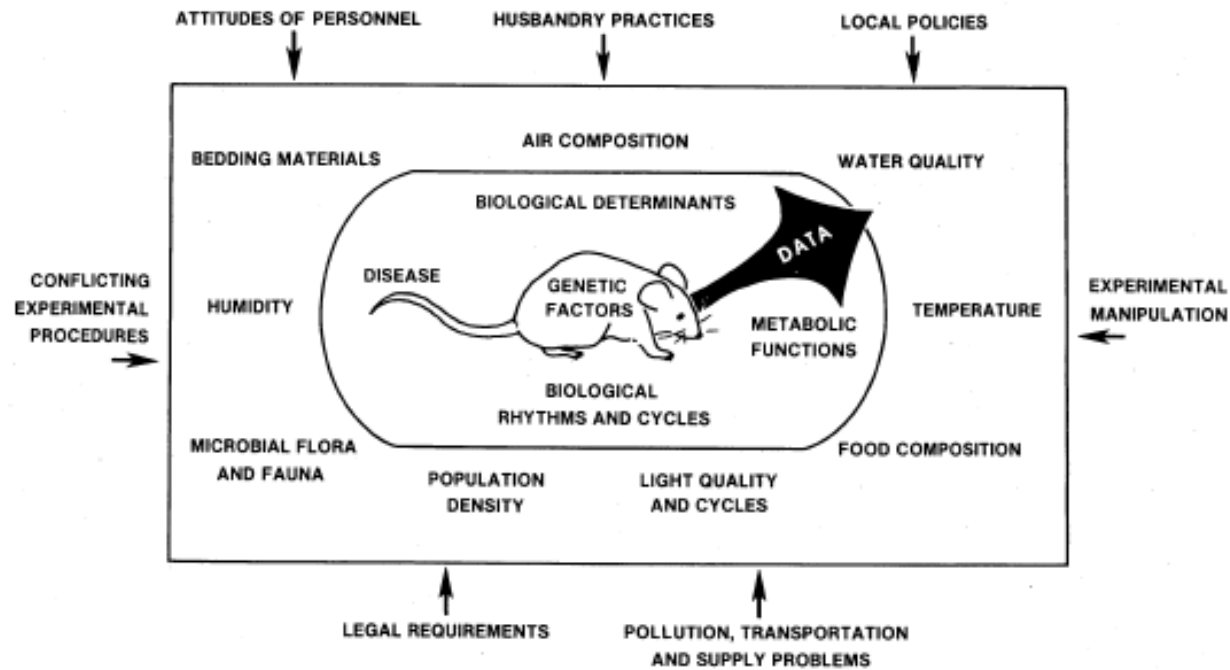


Fig. 1.1-1. Environmental and management factors affecting animal homeostasis. (After Dr. William J. White)

- Temperature
- Relative Humidity
- Photoperiod
- CO2 tank farm
- Drinking water pump function
- Water reservoir low level
- Differential air pressure at biocontainment
- Aquatics pumps, pressures, UV Rx & chemistry.

The DAR participates in every experiment by providing standardized care and a wholesome, consistent environment as free as possible of confounding variability where animals reside, experiments are conducted, and data is collected, and we monitor rigorously to ensure this is the case.

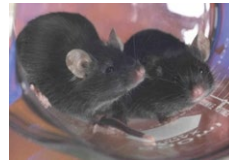


The Menagerie

Avg Daily Census (approx.)

\$21M Value

- Mice: 66,000



- Zebrafish: 20,000



- Rats: 800



- Lampreys: 400



- Spiny mice: 150



- Finches: 120

- Pigs: 30-50



- Hamsters: 0-25



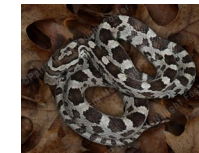
- Guinea pigs: 0-20



- Ferrets: 0-5



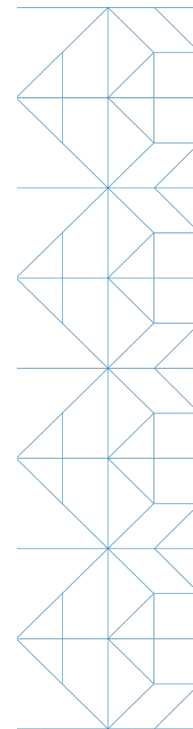
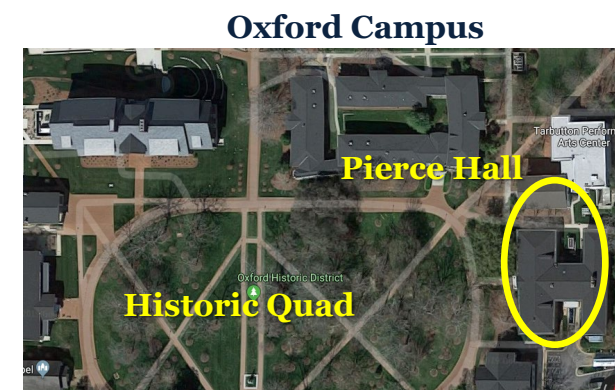
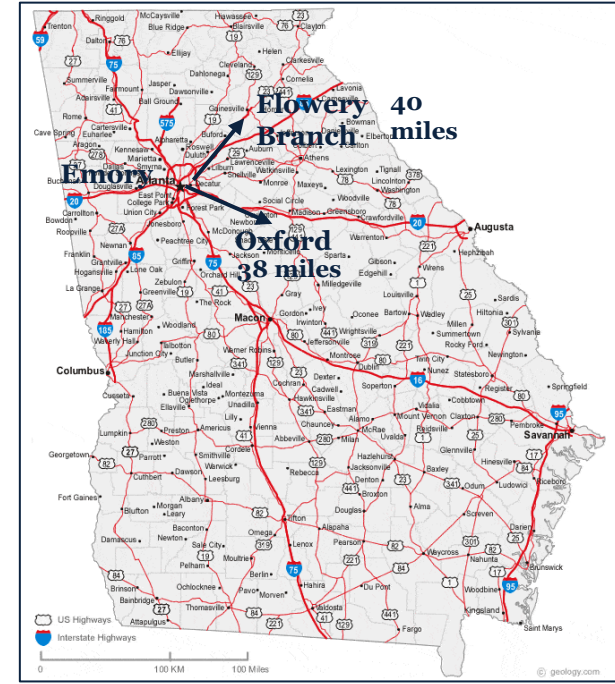
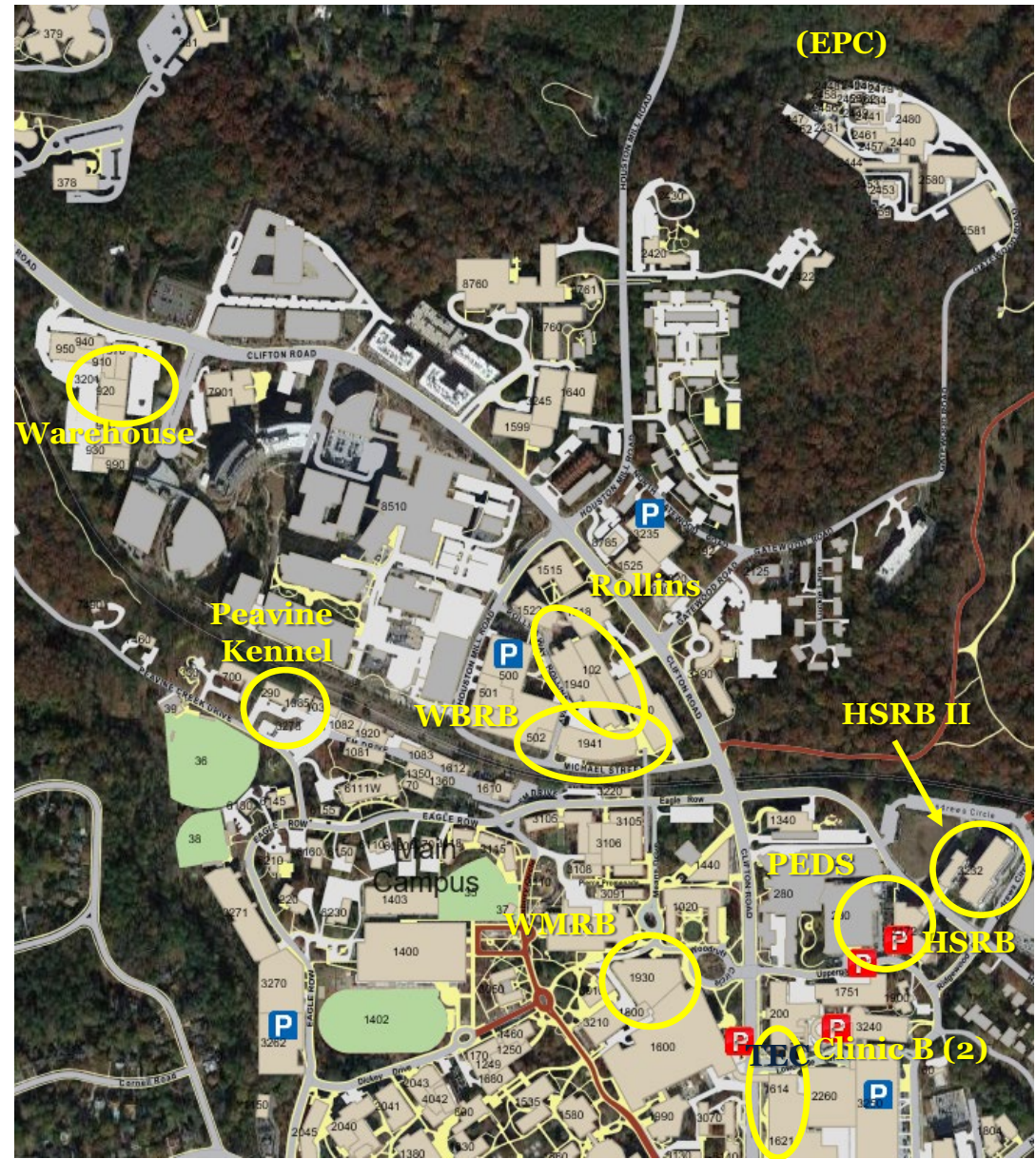
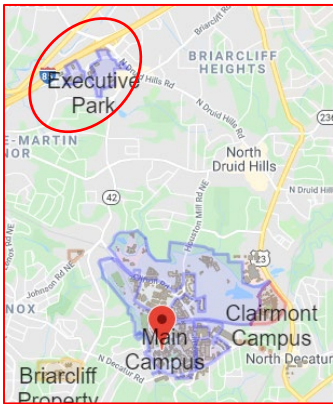
- Snakes (corn, garter): 3



- Glass lizards: 2

Sometimes: rabbits, gerbils, frogs, hagfish, other fish

EMORY UNIVERSITY



||| A Few Other DAR Facts

- 12 animal research locations summing to 169,000 GSF + 7900 GSF warehouse
 - 270 animal holding and procedure sites; host 8 of the cores
- Facilities & fixed equipment, value: \$135M
- Non-fixed equipment, value: \$15M-\$20M, including a fleet
- Grants supported: >\$180M
 - ~250 labs
 - >2000 badge holders & 20K facility entries per week
- FY24 on the expense side trending to \$11.7M for the service core & \$3.4M E&G including ~\$1.1M true subsidy; ~75% of costs are labor
- Team: ~125: veterinary, animal care, training, administrative
- 15 Award of Distinction recipients



||| Main Office: G02 Whitehead Biomedical Research Building

- Phone: (404) 727-3248
- Email: darcust@emory.edu
- Web page: <https://cores.emory.edu/dar/index.html>



The DAR

We care. We are competent. We can be trusted.



Veterinarian's Oath

(Approved by the HOD, 1954; Revision approved by the HOD, 1969; Revision approved by the Executive Board 1999, 2010)

- *Being admitted to the profession of veterinary medicine, I solemnly swear to **use my scientific knowledge** and skills for the benefit of society through the **protection of animal health and welfare**, the **prevention and relief of animal suffering**, the conservation of animal resources, the **promotion of public health**, and the **advancement of medical knowledge**.*
- *I will practice my profession conscientiously, with dignity, and in keeping with the principles of veterinary medical ethics.*
- *I accept as a lifelong obligation the continual improvement of my professional knowledge and competence.*