

## Low Resource Projects

### Facility Access Requirements

- Limited access to housing room (<1hr, 1-2/wk), e.g., retrieval of animals
- Limited access to shared procedure spaces (<1hr, 1-2/wk), e.g., euthanasia stations
- Majority of work performed outside of ACS facilities (removal of animals to lab space)
- Facility access may involve low census locations on main campus (PSYCH, PST), or ACS managed colonies (PI access not required)
- Work restricted to 1-2 research staff

### ACS Resources Consumed

- Standard, limited PPE
- No special or technical service requests
- Standard veterinary care or oversight needed, no extensive treatments or supportive care
- Limited monitoring required (weekly)
- Standard husbandry, no special care by PI

### Project Examples

- Aging animals for euthanasia/tissue collection
- Retrieval of animals without return to facility
- Limited breeding for development of new crosses or lines
- Zebrafish or germ-free studies performed by ACS with limited access to PIs

## Intermediate Resource Projects

### Facility Access Requirements

- Limited work performed in housing room (<2hr, 1-3/wk), e.g., injections under ATS
- Work may involve access to shared procedure spaces (<3hr, 1-2/wk), e.g., surgery stations, necropsy
- Majority of work performed outside of ACS facilities
- Work restricted to <4 research staff

### ACS Resources Consumed

- Occasional use of additional PPE (surgical masks, surgical gloves, Tyvek, N95)
- Limited special service requests (special diets provided weekly, special caging)
- Occasional reservation for specialized procedure space or equipment (rodent anesthesia carts, shared surgery space) or supportive tasks (equipment sterilization, drug orders, etc.)
- Moderate oversight by veterinary staff available (postoperative checks)

### Project Examples

- Simple injections or minor surgical procedures without extensive supportive care
- Standard subcutaneous tumor implant studies
- *Ad lib* feeding of special diets
- Breeding of USDA-covered species

## High Resource Projects

### Facility Access Requirements

- Required access to ABSL2 or ABSL3 housing or procedure space (BSC use)
- Daily access required
- Moderate to extensive use of shared procedure spaces (USDA surgical studies)
- Majority of work performed within ACS facilities, e.g., behavioral studies, extensive surgeries, frequent animal monitoring
- Work involves more than 4 research staff

### ACS Resources Consumed

- Additional PPE required on a regular basis (N95, double gloving, Tyvek, etc.)
- Technical services or specialized training needed (vet. technician performing tail vein injections)
- ACS surgical services management of projects
- Extensive veterinary staff oversight available for humane considerations or treatments

### Project Examples

- Surgical models in USDA-covered species
- Extensive behavioral analysis
- Special care by PI involving daily care (food restriction, water restriction)
- Disease models involving extensive supportive care or monitoring (brain tumor, spinal cord injury, degenerative disease conditions, diabetes)
- Infectious disease work