

Hybrid laboratory/field trial with cats: GonaCon



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Could we replicate GonaCon's laboratory success in the "real world" (cats and conditions)?





Random source cats



Study population

- 30 females
 - 20 injected with GonaCon
 - 10 injected with saline

- 5 breeding males rotated





















Clowder Concepts, LLC

- USDA-licensed research facility
- Illinois Dept. of Agriculture-licensed animal shelter



Lesson 1: Incorporate shelter medicine principles in facility and study design.



Lesson 2: Increase budget for veterinary support.



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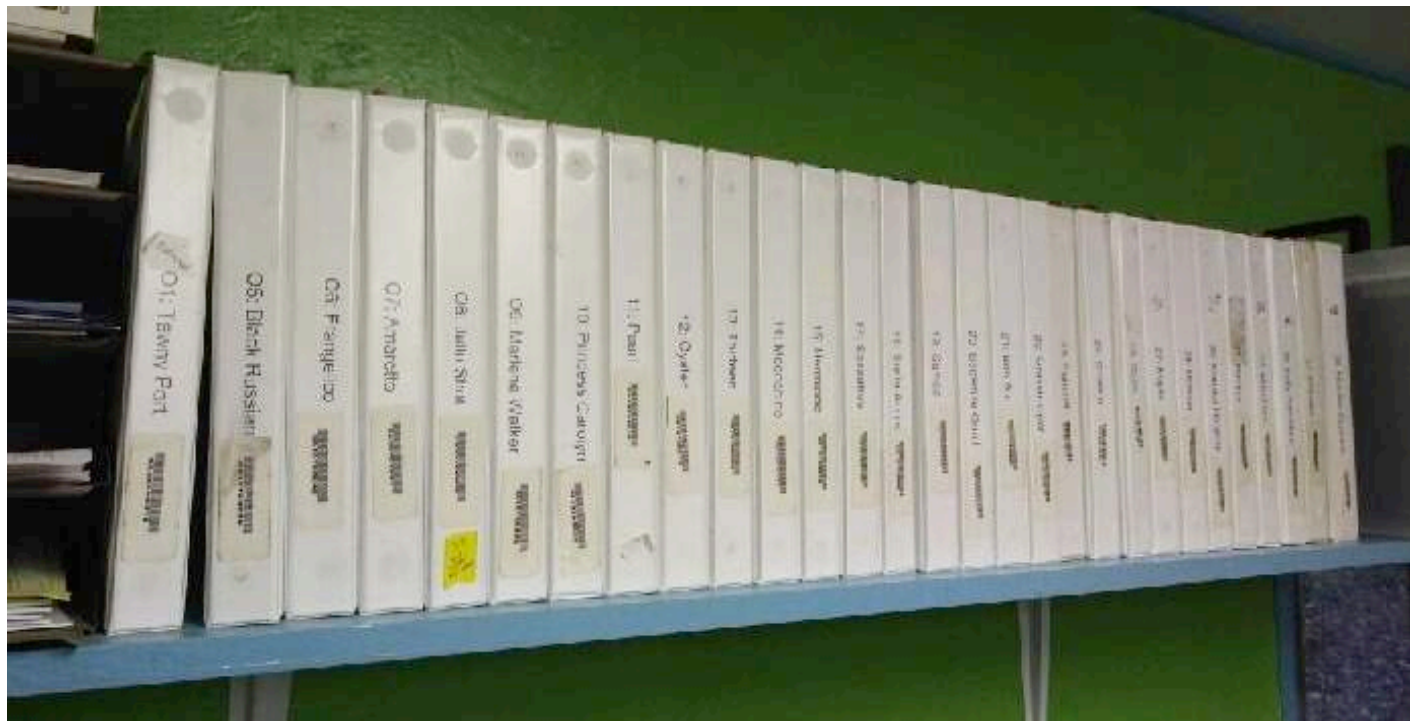
Lesson 3: Create an extremely detailed protocol.



FELINE GNRH-BASED CONTRACEPTIVE VACCINE FIELD STUDY TO ADVANCE DEVELOPMENT OF A THREE YEAR IMMUNOCONTRACEPTIVE FOR IMPROVED POPULATION MANAGEMENT OF FREE-ROAMING CATS.

STUDY NUMBER: 001-FGBCV

SPONSOR: ALLIANCE FOR CONTRACEPTIVES IN CATS AND DOGS



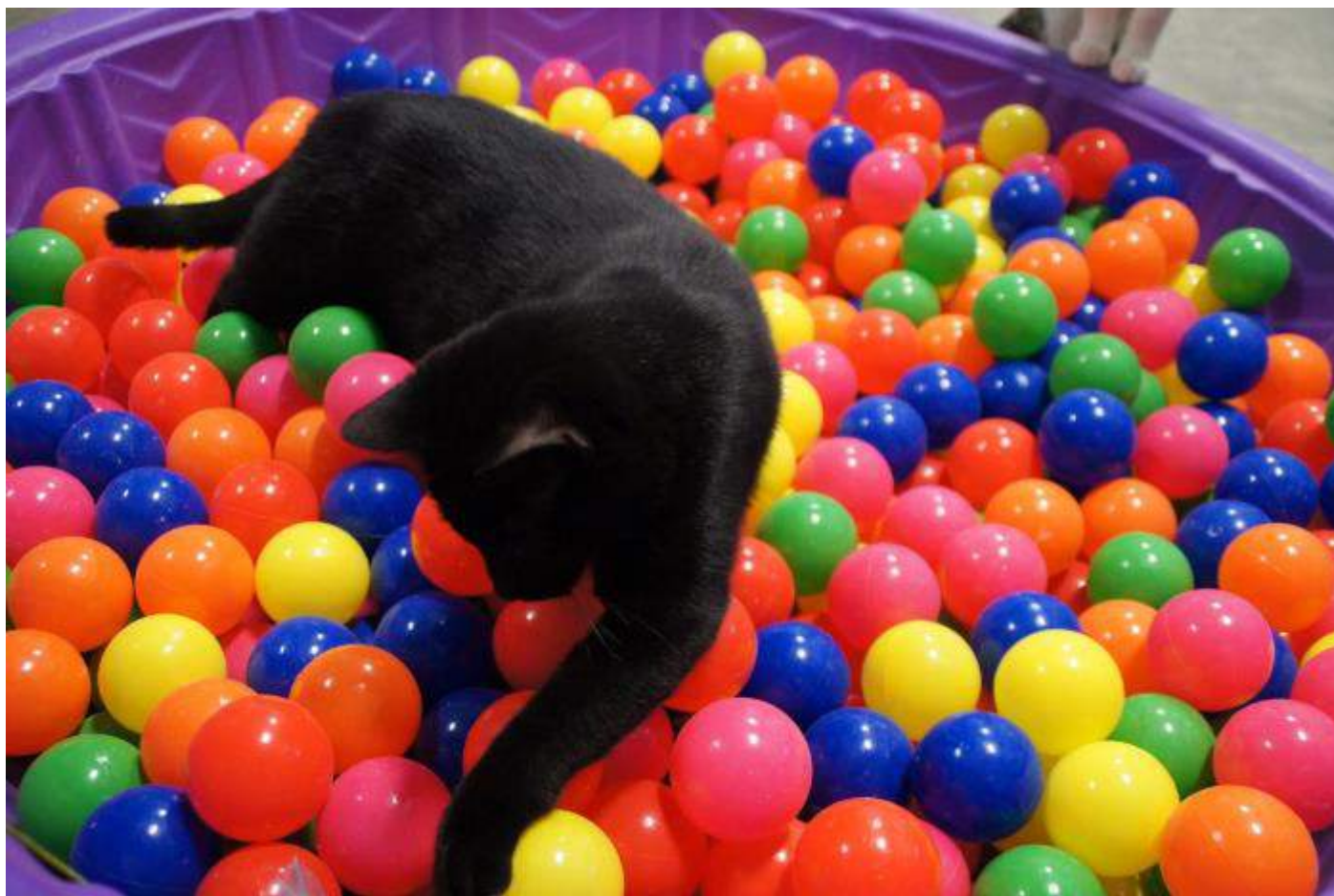
Drug Accountability Form – IVP/CP Received

| | |
|--|--|
| Batch/lot # | |
| Batch/lot # the same for all syringes/vials? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Formula expiration date (DD/MON/YY) | |
| # Syringes/vials received | |
| Syringes/vials individually numbered? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| Date received (DD/MON/YY) | |

| | | | |
|---|----------------|------------------------|--------------------------------|
| Confidential | Sponsor: ACC&D | Protocol No.: 001-FGBV | Investigator: Amy Fischer, PhD |
| Chain of Custody Form | | | |
| | Contact name | Phone# | E-mail |
| Sender | | | |
| Recipient | | | |
| Samples received: <input type="checkbox"/> Frozen <input type="checkbox"/> Chilled <input type="checkbox"/> Other (describe): | | | |
| Samples will be stored in: | | | |
| Recipient - please sign for receipt of the samples and return to afischer@illinois.edu . | | | |



Lesson 4: Optimize enrichment and training.























Petmate **PET TAXI**



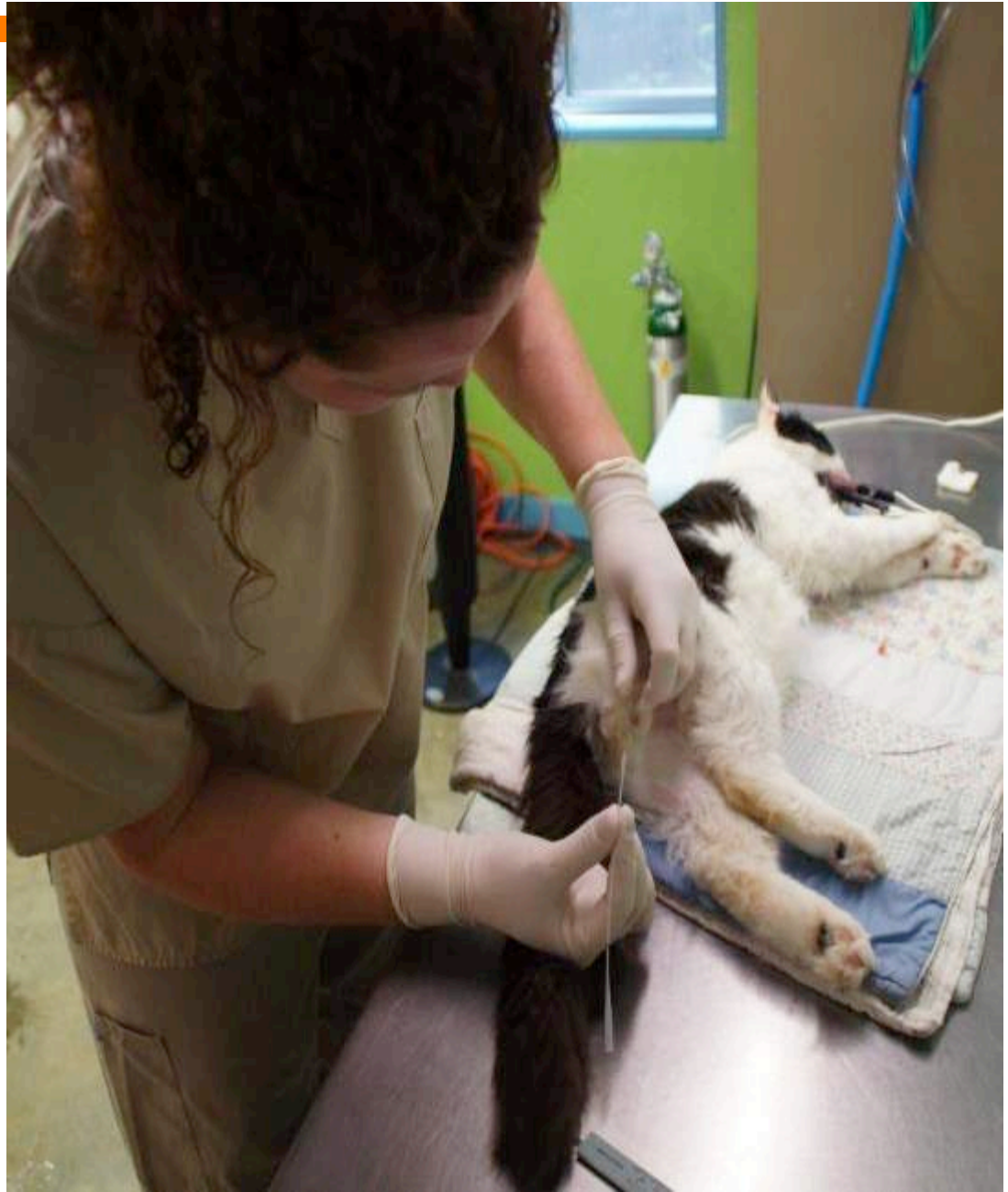
Behavior observations



Behavior observations







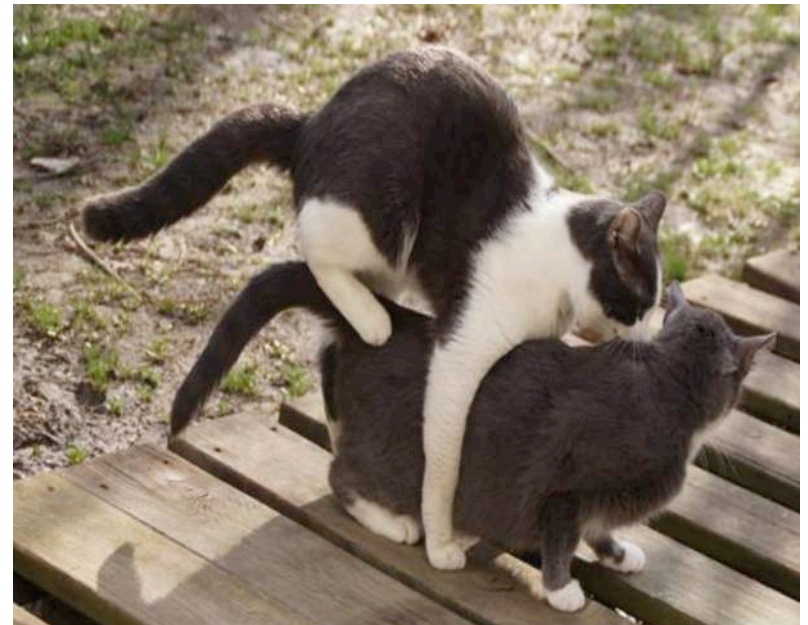
Behavior observations

➤ Variations in male interest and performance



Behavior observations

- Variations in male interest and performance
- Strong mate preferences





Behavior observations

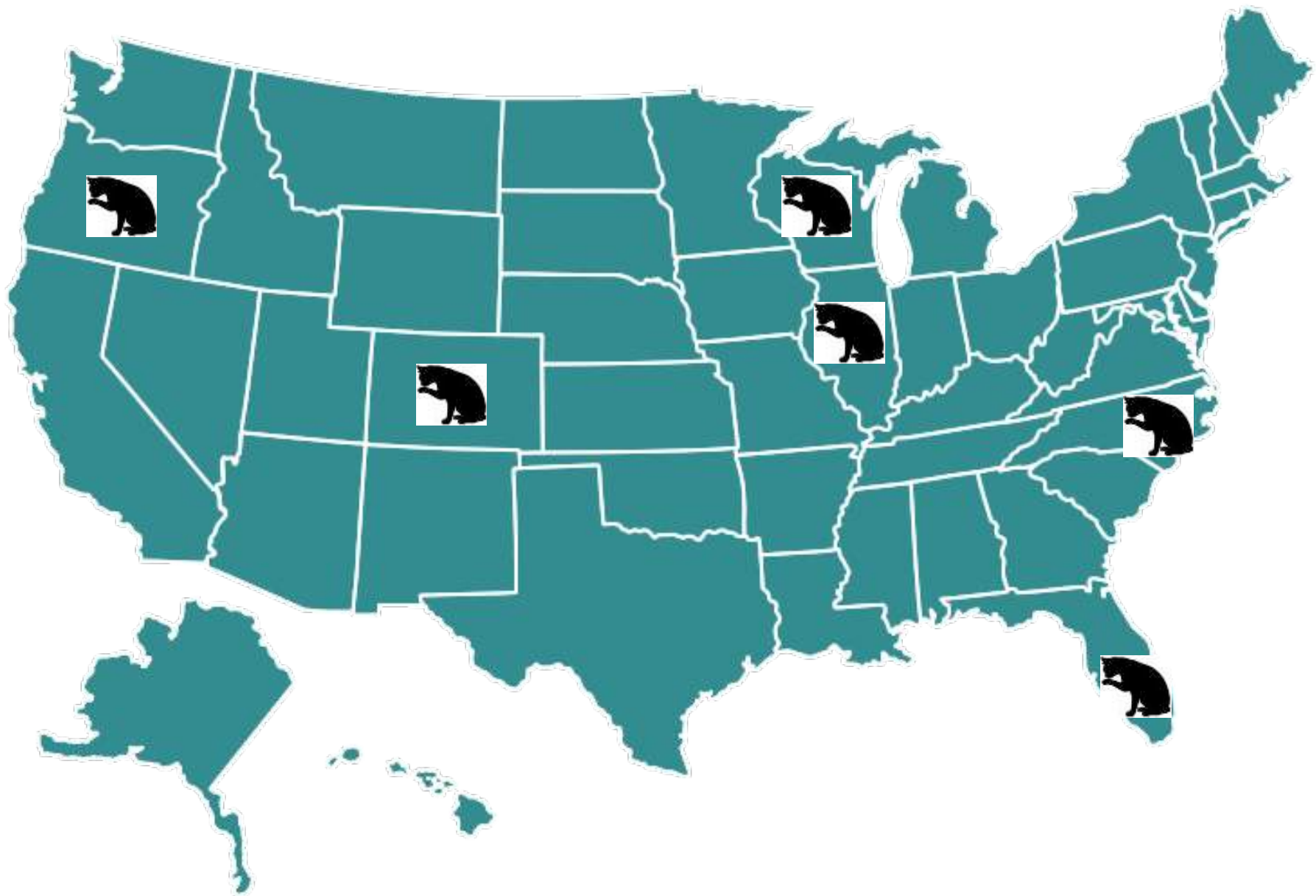
- Variations in male interest and performance
- Strong mate preferences
- Post-spay aggression



Adoptions

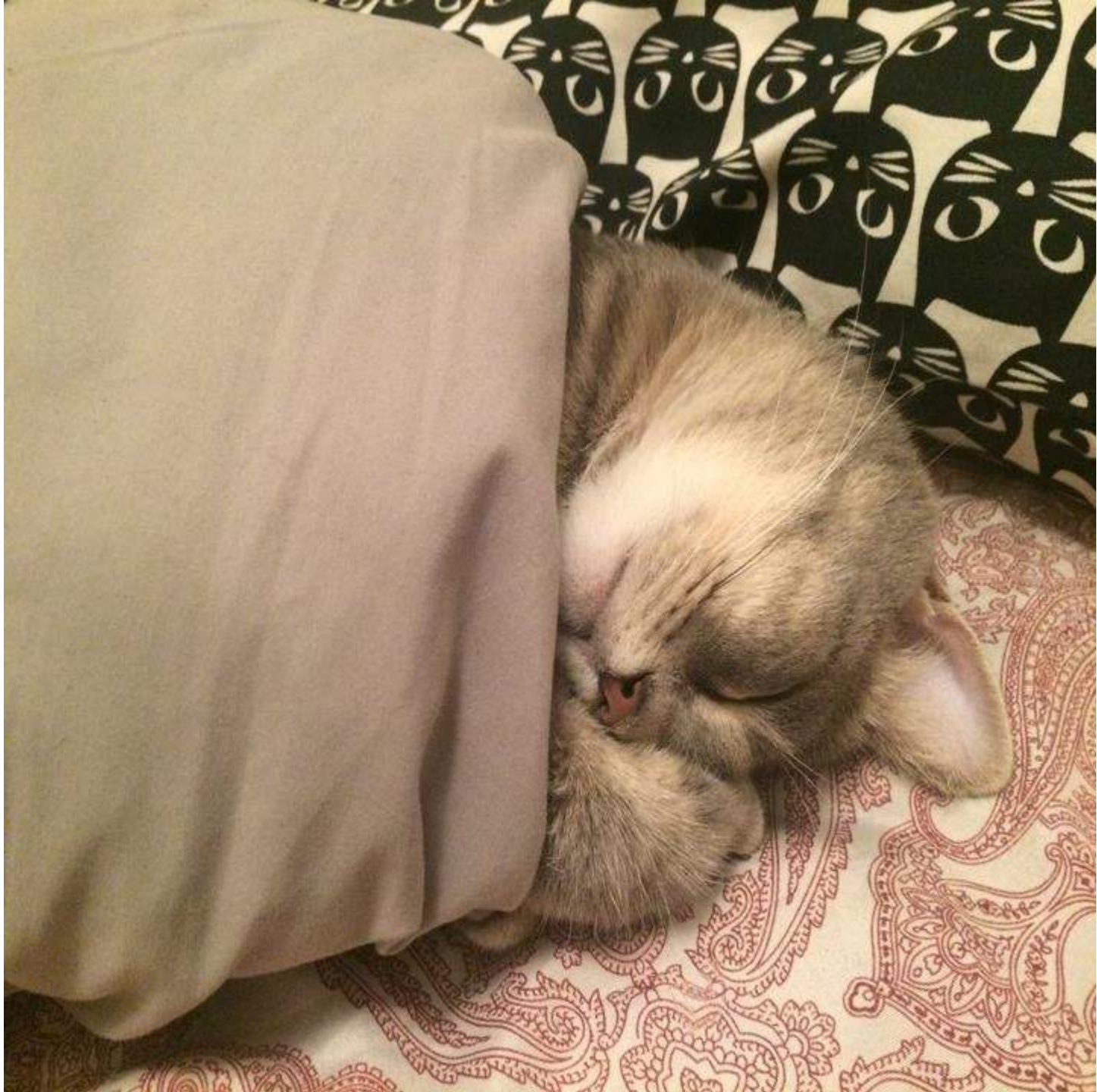
- Project personnel/friends/family
- ACC&D webpage
- Best Friends email
- Facebook























Considerations / challenges

- Sourcing
- Pregnant spays
- Adoptions
- Hybrid model balance





HYBRID MODEL INTERMEDIATE BETWEEN A LABORATORY AND FIELD STUDY

A humane paradigm shift in feline research

Thank
you!

