



# Preventing Unwanted Litters Without Surgery





The ball pit is a big hit at Clowder





Co-Investigator, Dr. Julie Levy, rewards a cat with Cheese Whiz

Study participan Figment, uses volunteer Katie Frey to get a

#### **ACC&D EXPLORES**

the future of humane
cat population control by
designing and sponsoring
the study of a promising
contraceptive vaccine. In
addition to testing nonsurgical options, this
unique study has taught
us how scientific rigor and
remarkable cat welfare can
go hand in hand.





University of Illinois students volunteering at Clowder Concepts

INNOVATION PARTNERS





Clowder Concepts, LLC

John T. & Jane A. WIEDERHOLD Foundation



# Developing Important New Tools



#### **HOW DO WE IDENTIFY DOGS AND CATS**

treated non-surgically? We're partnering with leading organizations to design and humanely test a 21st century ear tag. Field trials are expected to begin late 2016 with one or more of these partners.

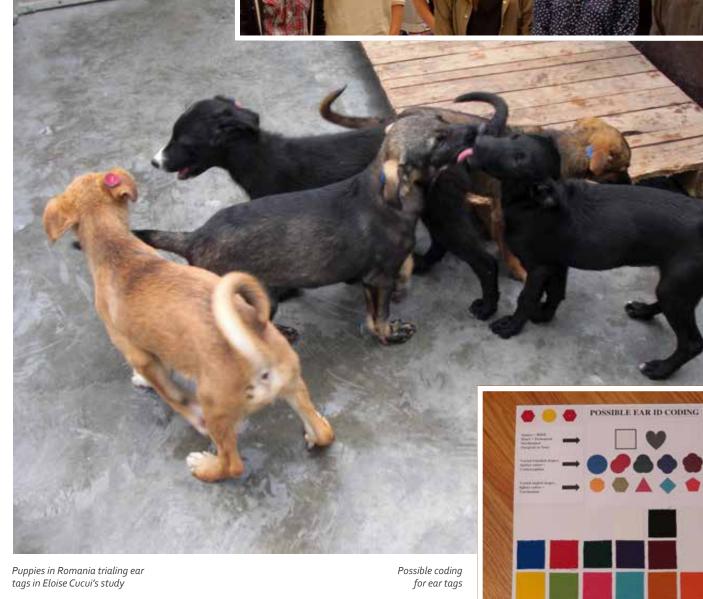
INNOVATION PARTNERS





Students and faculty from Cornell University working together across disciplines to create a 21st century ear tag (from left to right – Debashree Guruaribam, Yunfei Ma, Po-Jen Hsieh, Lorie Kim, Elizabeth Berliner, Eloise Cucui, Margaret Frey and Edwin Kan)





#### FIELD STUDY PARTNERS AND SITES







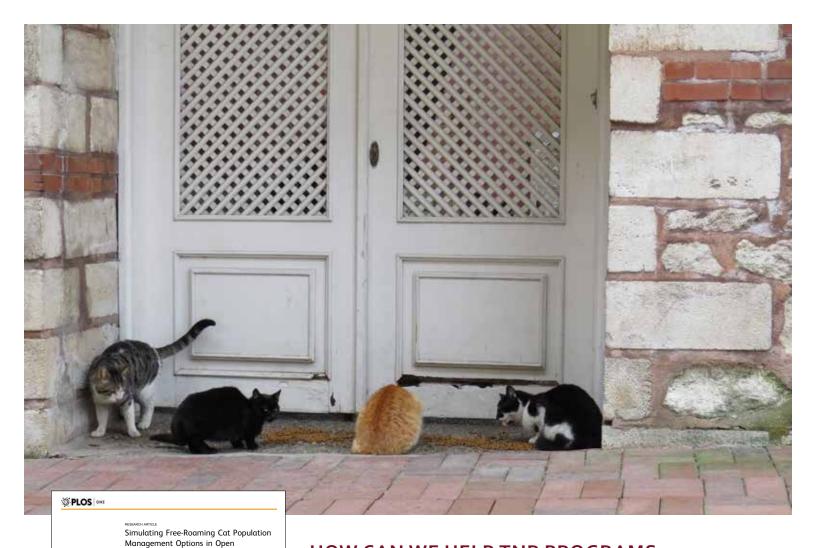
Kenya

American Samoa

Mexico



## Simulating Cat Colonies for Smarter TNR



**HOW CAN WE HELP TNR PROGRAMS** 

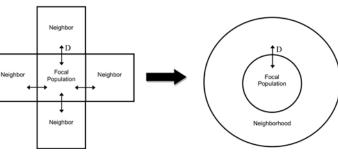
be successful? We convened experts across disciplines to answer this question, resulting in computer simulation to model the population dynamics of cat colonies. This work looks at the population impact of traditional TNR, temporary contraception and removal; cost implications for these interventions have recently been incorporated. The result: key guidance for funders interested in the

best use of their dollars for humane prevention of litters.





Biologist Dr. John Boone speaks often about ACC&D's population modeling work



Spatial representation (left) of a focal free-roaming cat population in an area surrounded by similar habitat inhabited by other cats, and a generalized representation (right) of that same metapopulation configuration used within the VORTEX simulation software environment. Dispersal rate designated by parameter D.

#### The ACC&D Free-Roaming Cat Model Development Team:

- Aaron Anderson, PhD, National Wildlife Research Center, USDA APHIS
- · John Boone, PhD, Great Basin Bird Observatory
- Joyce Briggs, MS, Alliance for Contraception in Cats & Dogs
- Dennis Lawler, DVM, FNAP, Illinois State Museum, Pacific Marine Mammal Center Laguna Beach
- Julie Levy, DVM, PhD, DACVIM, University of Florida College of Veterinary Medicine
- Philip Miller, PhD, IUCN/SSC Conservation Breeding Specialist Group
- Felicia Nutter, DVM, PhD, DACZM, Tufts University
- · Margaret Slater, DVM, PhD, ASPCA
- Chris Slootmaker, PhD candidate, National Wildlife Research Center, USDA APHIS
- · Steve Zawistowski, PhD, CAAB, ASPCA

#### INNOVATION PARTNERS

Dr. Phil Miller, expert in computer simulation

modeling and wildlife, brings his expertise to

the study of free roaming cats

CONSERVATION

BREEDING









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### Ethics in the Field

### A True "Alliance"



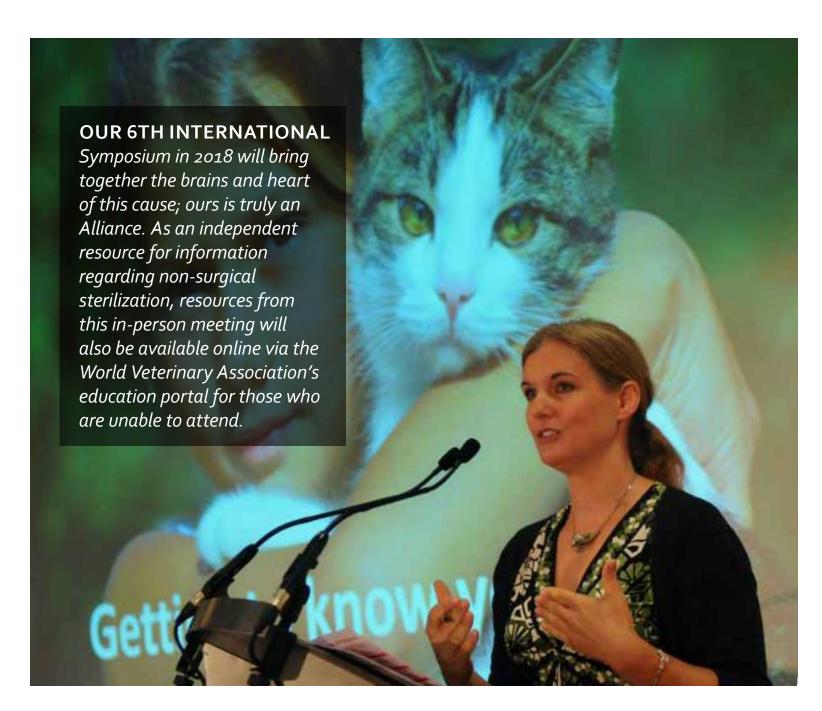
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6<sup>th</sup> International Symposium 2018

On Non-Surgical Contraceptive Methods of Pet Population Control



### Council of Stakeholders

**OUR WORK IS MADE POSSIBLE** by the visionaries in these organizations. A three year commitment by your organization to general operating support allows our small, energetic team to continue to inspire collaborations and to innovate for animals.

2016 VISIONARY CIRCLE





We'd love to tell you more about our work and how you can get involved!











2016 SUSTAINING PARTNERS





Optional involvement in our annual briefing is your access to a strategic summit on progress in the field. This year's briefing will take place in Crystal Beach, FL on December 5th, 2016.







Left to right – ACC&D Project Manager Valerie Benka, Linda, Gregory, Joyce, Amy, Kevin, Betsy M, Bob, Elly, John. Not pictured: Holly Hazard, Betsy S, Jed, ACC&D Coordinator Susan Getty

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