



PennVet  
Working Dog Center



# Utilizing Evaluations and Testing as Predictors of Career Aptitude

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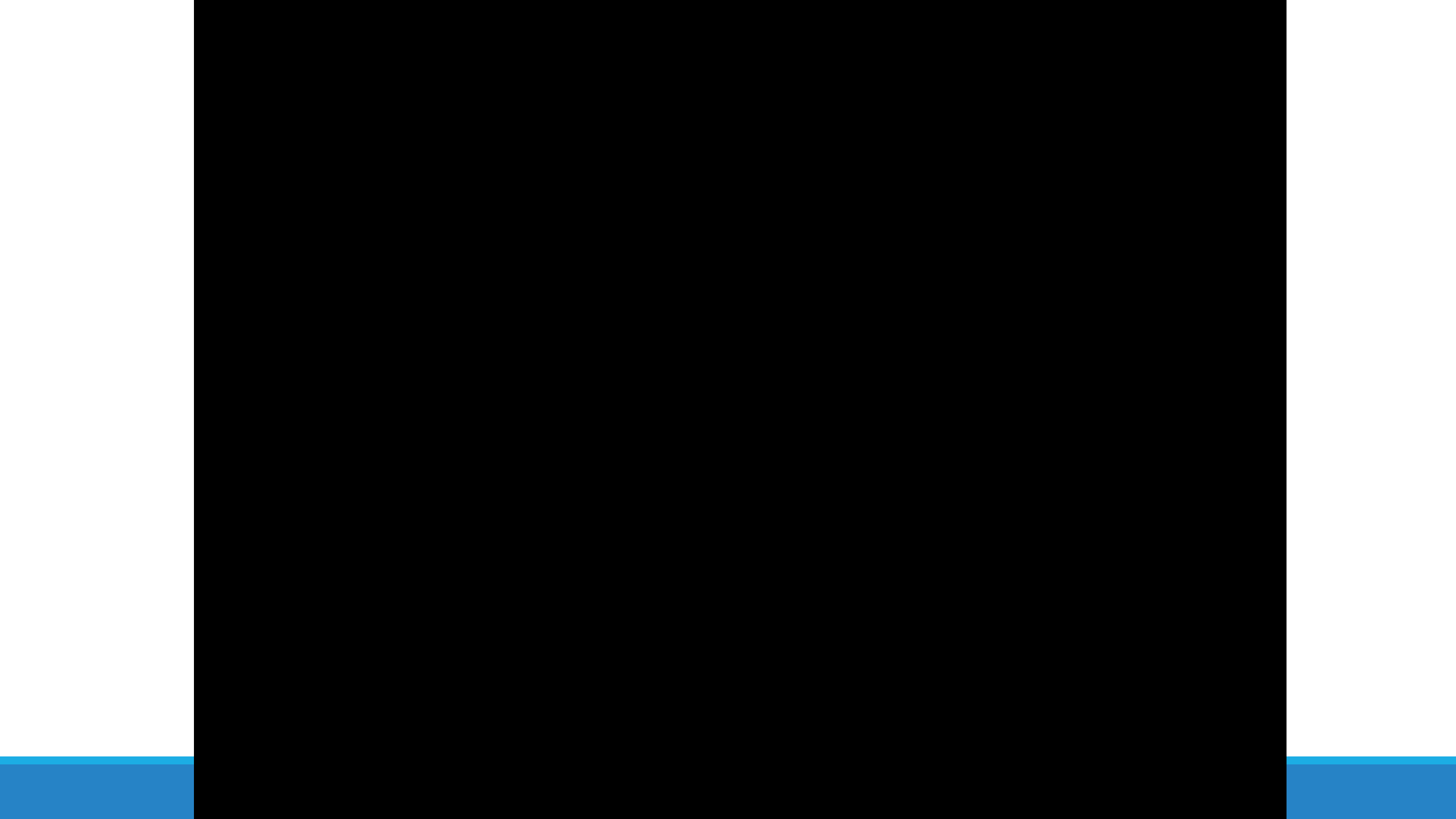
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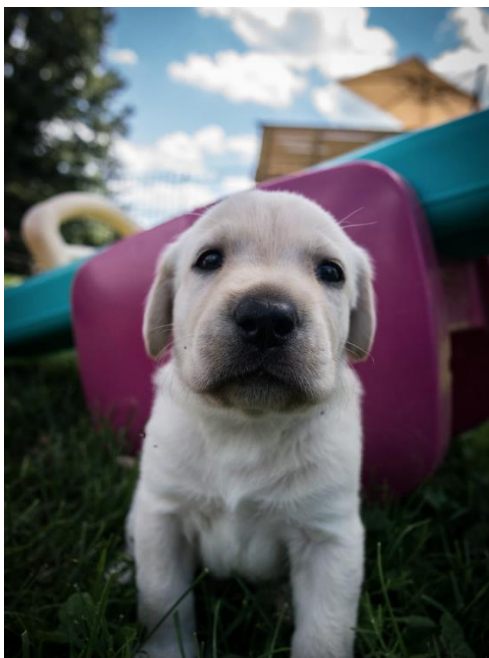
# Overview

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- We use various tests and evaluations to assess a dog's personality and skill level
  - Border Patrol
  - TSA Test
  - Environmental Test
  - FSA
  - CBARQ
  - Behavioral Checklist Evaluation
- Still in the process of collecting data on dogs
- Hoping to see if certain personality traits or skills of a dog are predictive of the dog's career and success





# Quori: A Case Study

- Part of our “Q litter”
- Narcotics detection dog
- We will be watching Quori’s performance on our evaluations and assessments
- See how his personality and skills contribute to his success in his career

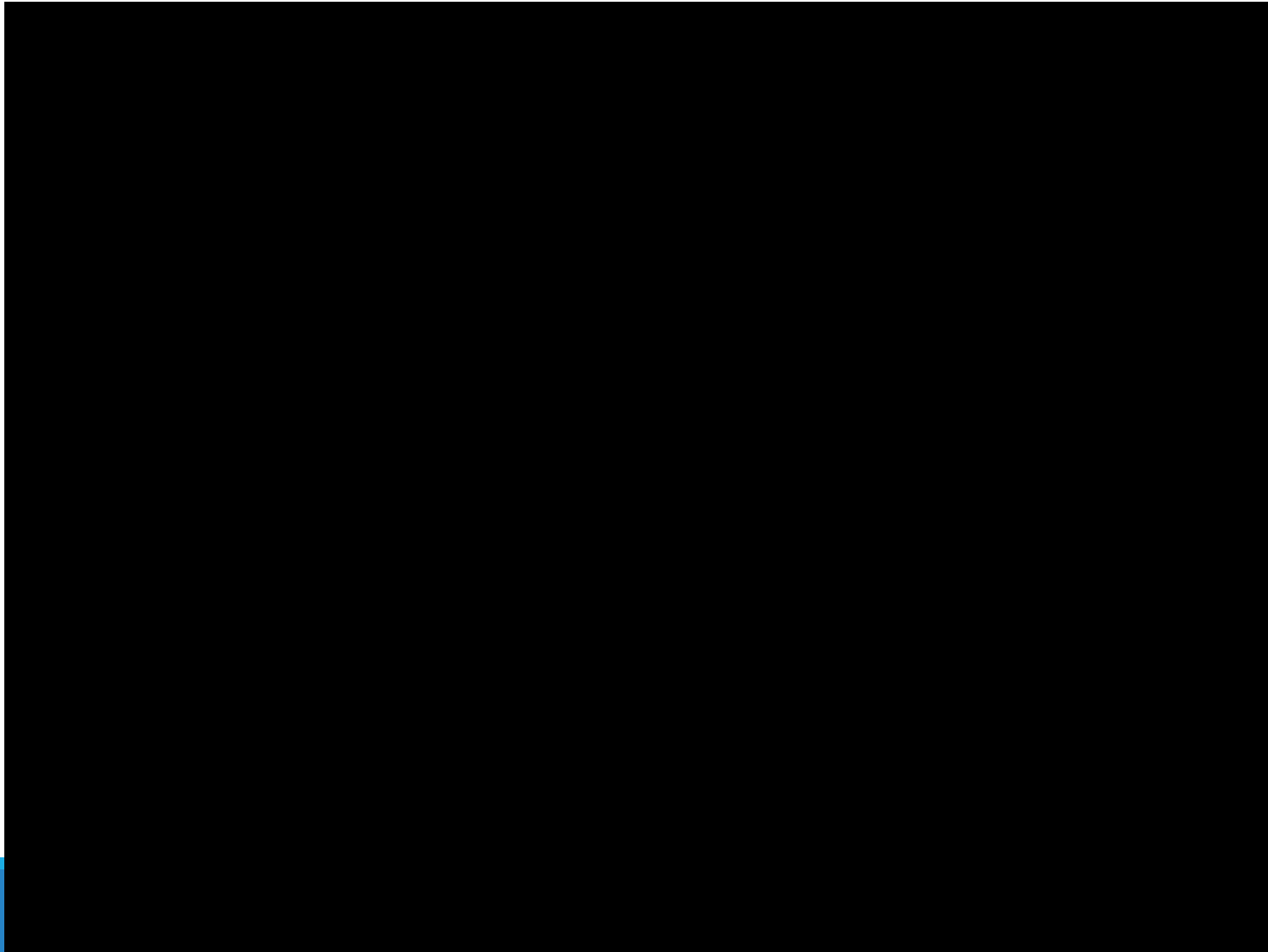


# Border Patrol

- Measures elements of drive and confidence
- Our litters: 4 weeks -13.5 weeks
- Donated puppies: 8 weeks- 13.5 weeks
- Expose puppies to new environments/surfaces and observe and score response
- Engage puppy with different toys, noises, and movements



# Quori Border Patrol





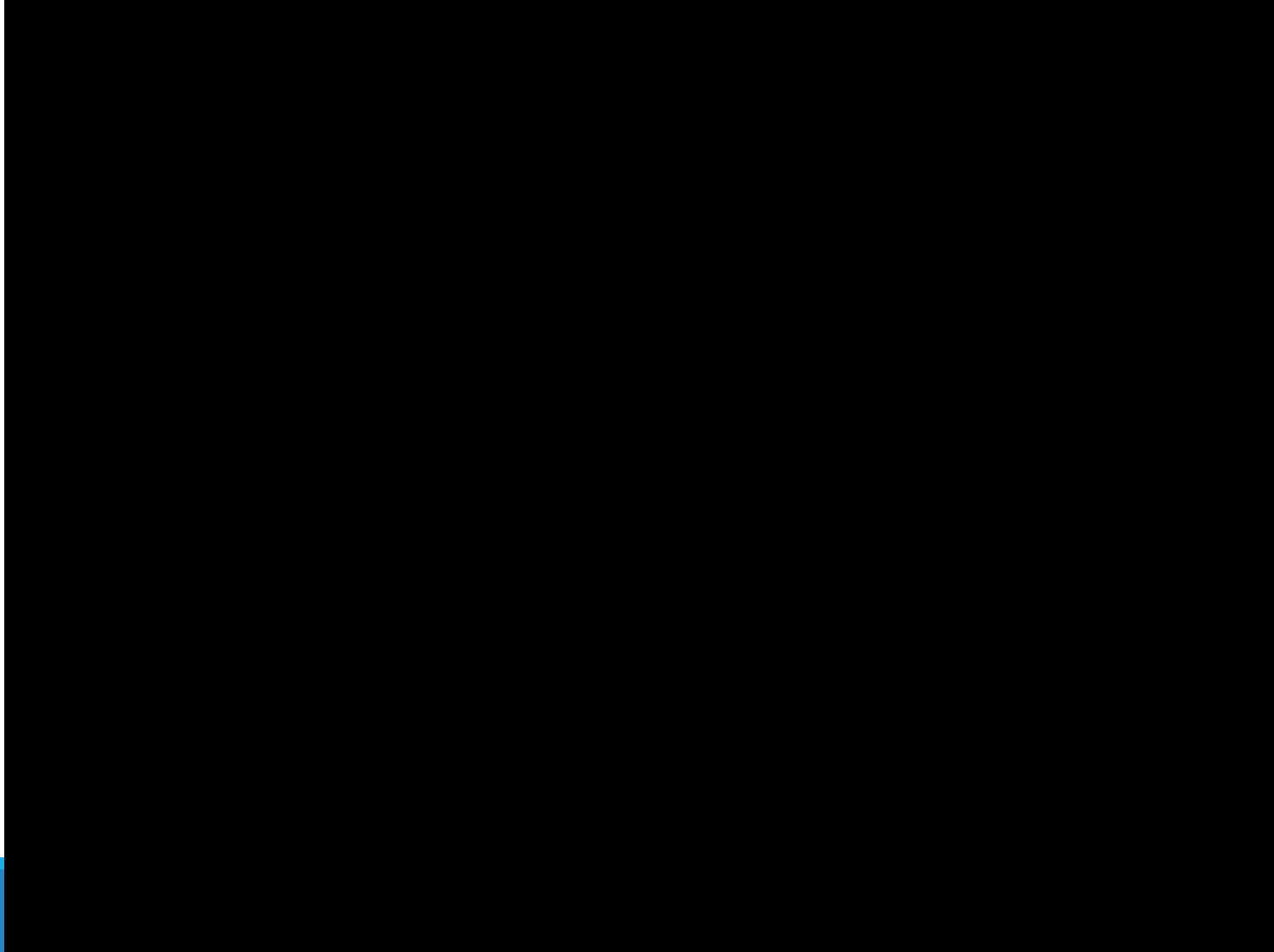
# TSA: Search (Hunt) and Retrieve Test

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- Measures: physical possession, search/hunt ability, retrieval ability, focus, intensity
- Search (hunt) and retrieve toy, delay in release
- Search with distractions
- 3, 6, 9, & 12 months



# TSA Video



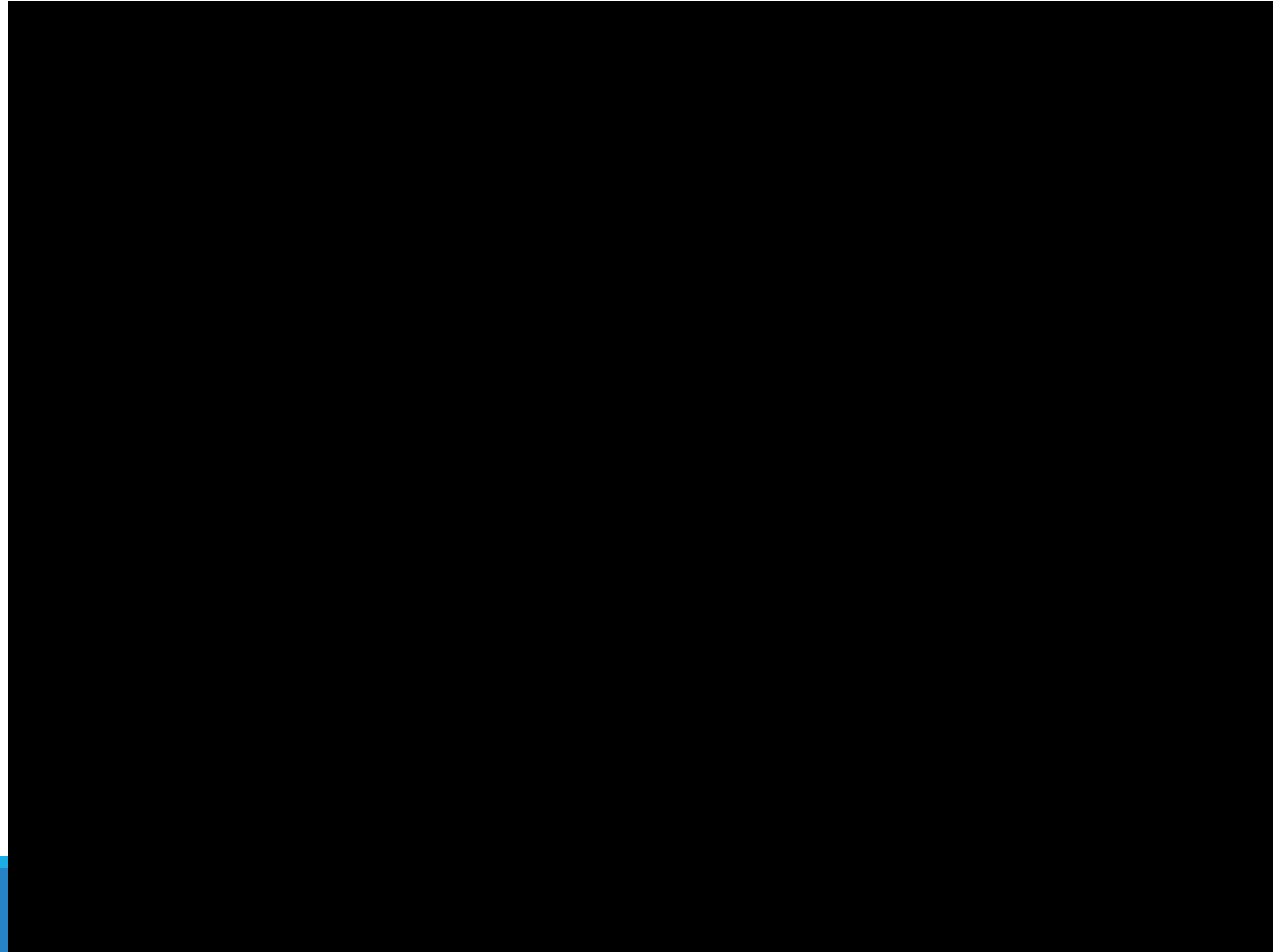




# Environmental Testing

- Nerve strength exercises, sociability in a crowded area, and conflict testing
- 4, 7, 11, 14 months
- Off lead in a crowd of people in a closed space
- Reaction in unfamiliar, public location
- Exposed to different surfaces
- Exposed to enclosed spaces, loud noises
- Test toy drive in presence of food, water, and when handler not present

# Quori Environmental Testing Video



# Fundamental Skills Assessment (FSA)

- Developed from FEMA (Federal Emergency Management Agency) Disaster Search Dog Evaluation
- Used to monitor training progress
- Starts at 6 months, updated every month
- Assesses aggression, obedience, direction and control, agility, search ability, final response, and scent work



# FEMA





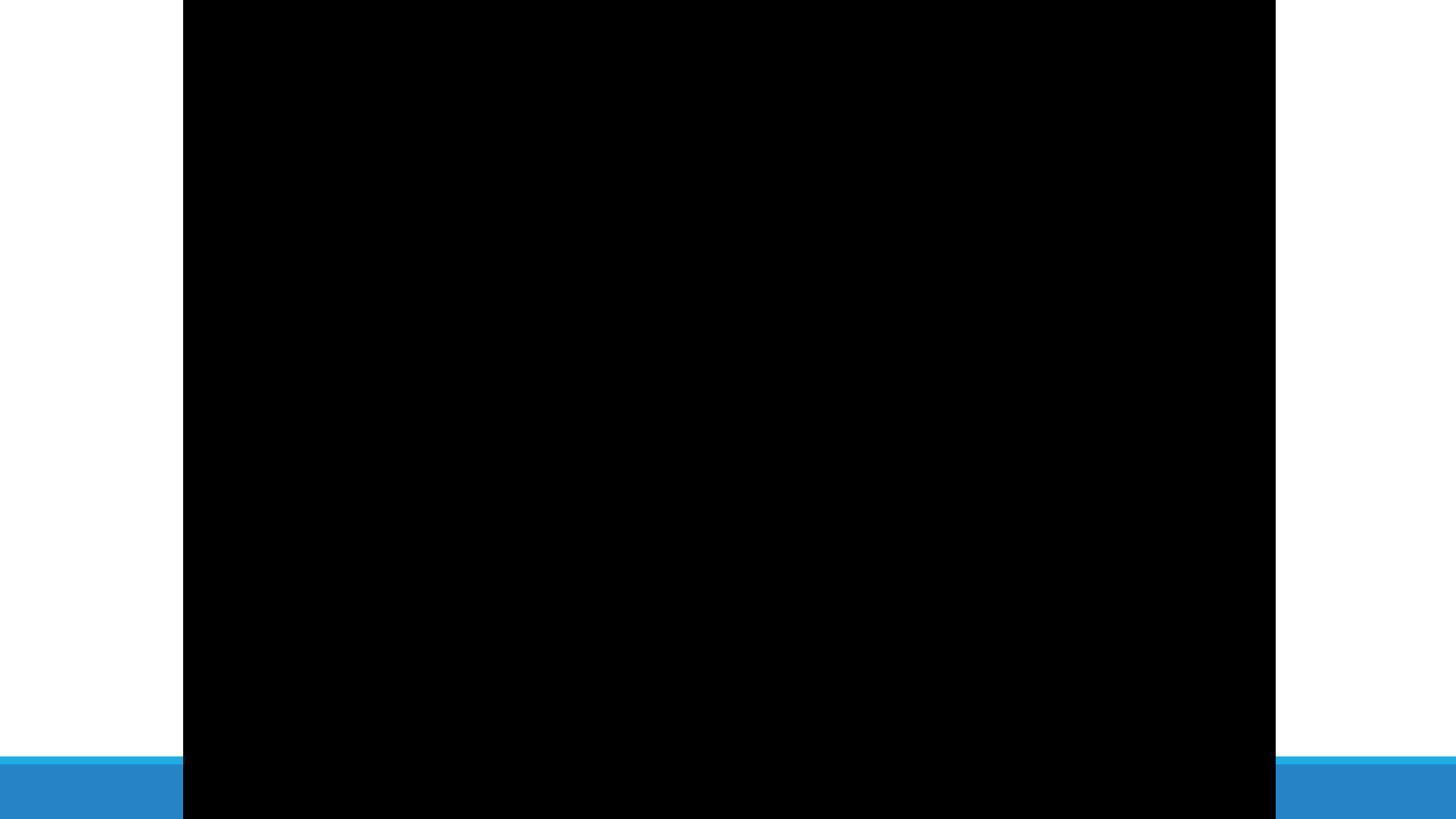
## Skills Level Assessment Sheet

**Assessment Date:** 8-16-16

**K9 name:** Quori

**Handler** Donna Magness

	Green Dog		Tier 1		Tier 2	
Skills & Comments	Beginner	Y/N	Pre-FSA	Y/N	To Standard	Y/N
<b>Obedience</b>						
Loose Lead Heel; Figure 8 around 2 K9 post	- Heels on lead with K9 posts 10 ft. apart -K9 are familiar -Inside, and outside familiar environment		Heels on lead with K9 posts 8 ft. apart -K9 are familiar and unfamiliar K9 - outside environment at WDC		- Heels on lead with K9 posts 5 ft. apart -K9 are Unfamiliar K9 - Any environment	Y
Tie out human aggression	No reaction		No reaction		No reaction	Y
Off lead heeling through a crowd of milling people	Heels on lead outside, in familiar environment		Heels on lead through crowd of milling people inside/outside in familiar and unfamiliar environments	Y	Heels off lead through a crowd of milling people in any environment	Y
					With food or toy	
Recall w/ Emergency stop	-Recalls to handler in training room -Performs random down 15-20 feet from handler * skills are not yet combined		-Recalls to handler with distractions in training room or training field and -performs down or sit on recall within 5-8 strides of command  *skills combined	Y  Y	-Recalls to handler and performs emergency stop on recall to standard in a variety of environment s	
			Very slow to down			





Canine Behavioral  
Assessment & Research  
Questionnaire



Developed by researchers at the Center for the Interaction of Animals and Society at the University of Pennsylvania

**Helps to identify genetic indicators of successful detection dogs**

**Asks questions about training and obedience, aggression, fear and anxiety, separation behavior, excitability, attachment, attention seeking**

**Provides standardized evaluations of dog behavior and temperament**

**Extensively tested for reliability and validity on a large sample of various dog breeds**



# Quori's CBARQ

Every 6 month, his fosters answered 103 questions

How did Quori respond to common events, situations, and stimuli in his environment?

- Playful, puppyish, boisterous
- Active, energetic, always on the go
- Displays a strong attachment for one particular member of the household



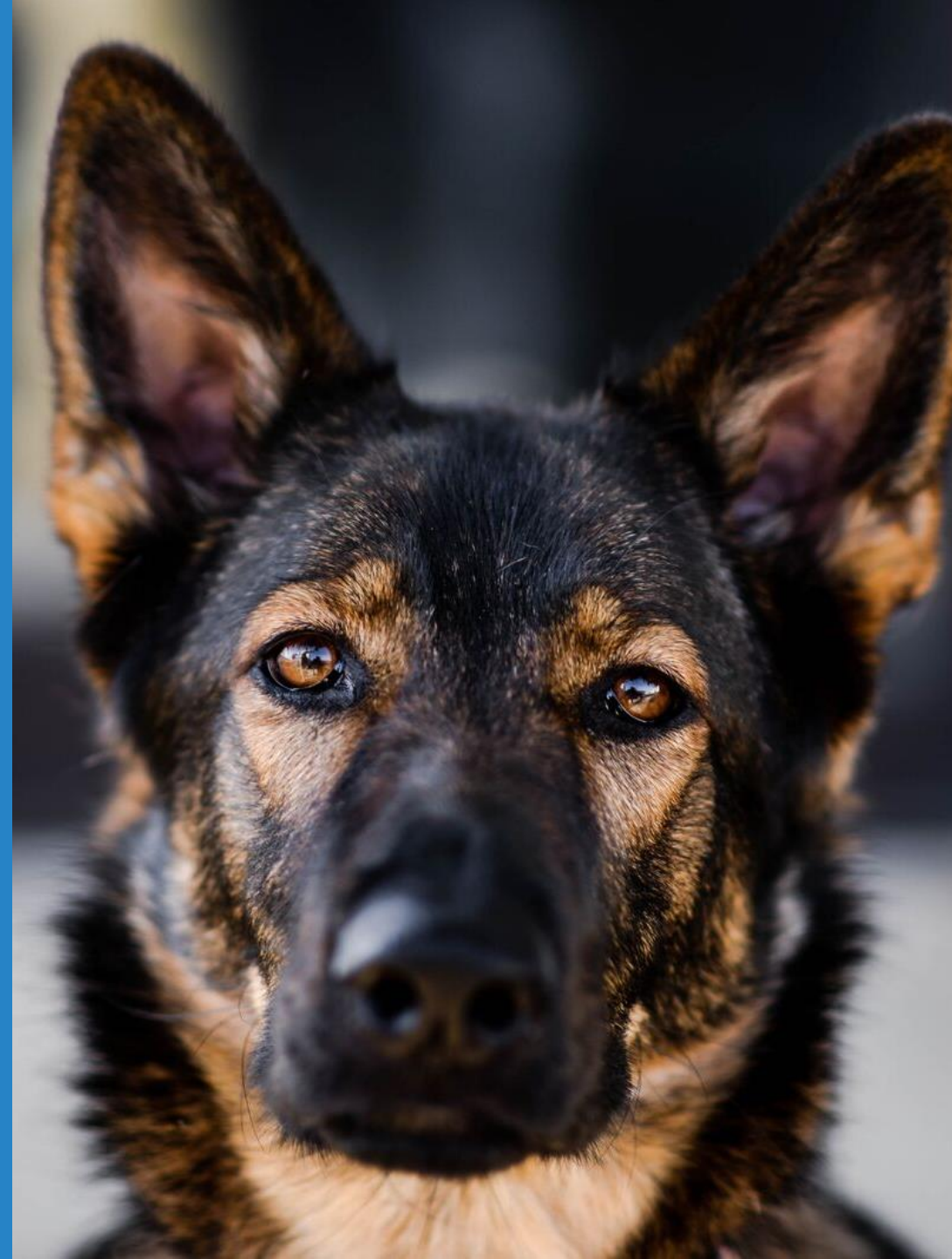
- Will attempt to retrieve sticks, balls, or objects
- Shows signs of anxiety or fear in response to sudden or loud noises
- Stares intently at nothing visible

# Behavioral Checklist Evaluation

Survey filled out trainer every four months

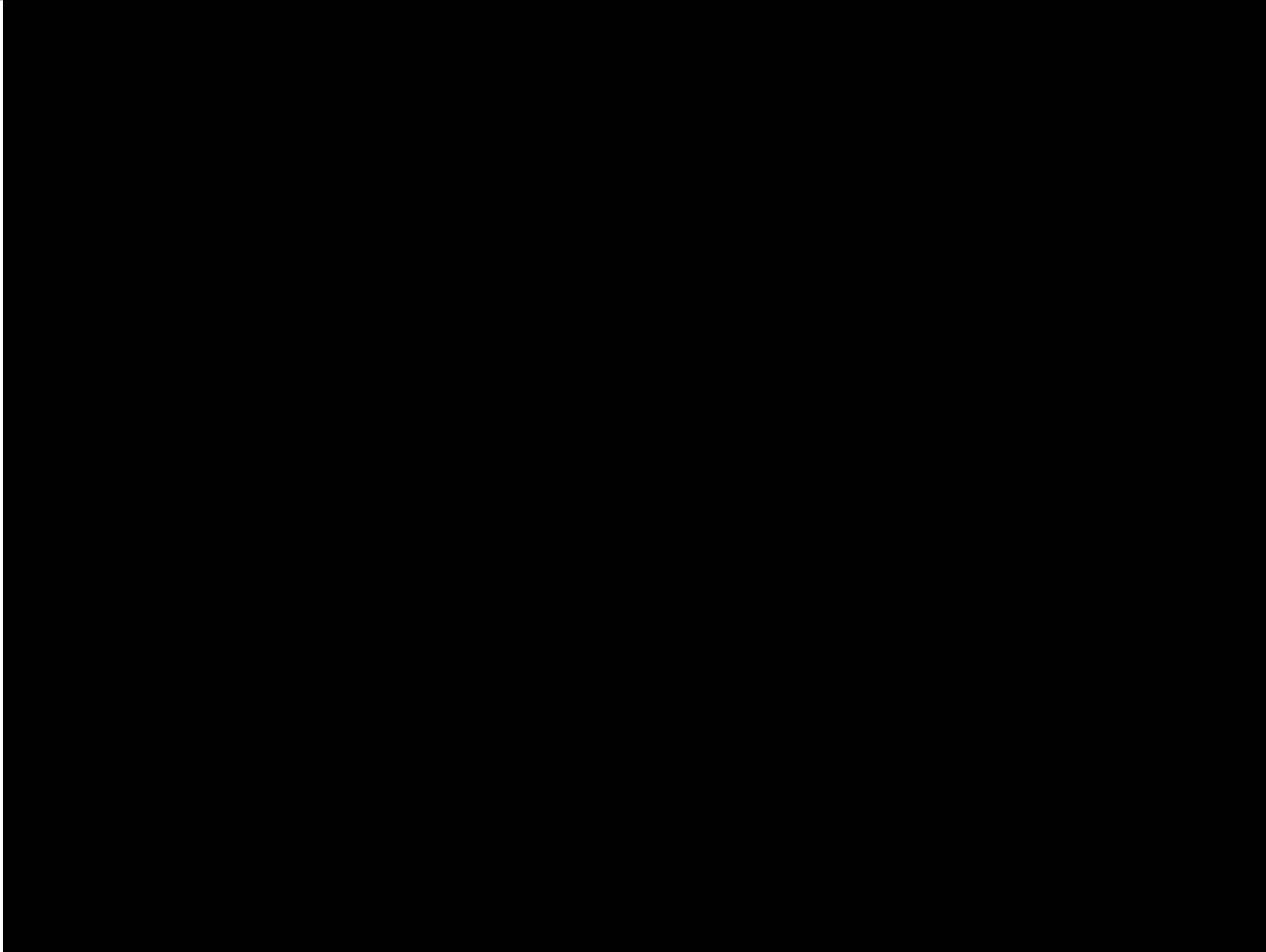
## ○ Measures

- fear and anxiety
- noise sensitivity
- attachment
- body sensitivity
- behavior in stressful situations
- excitability
- fidgetiness
- barking
- energy levels
- focus
- aggression



# Quori Drug Video

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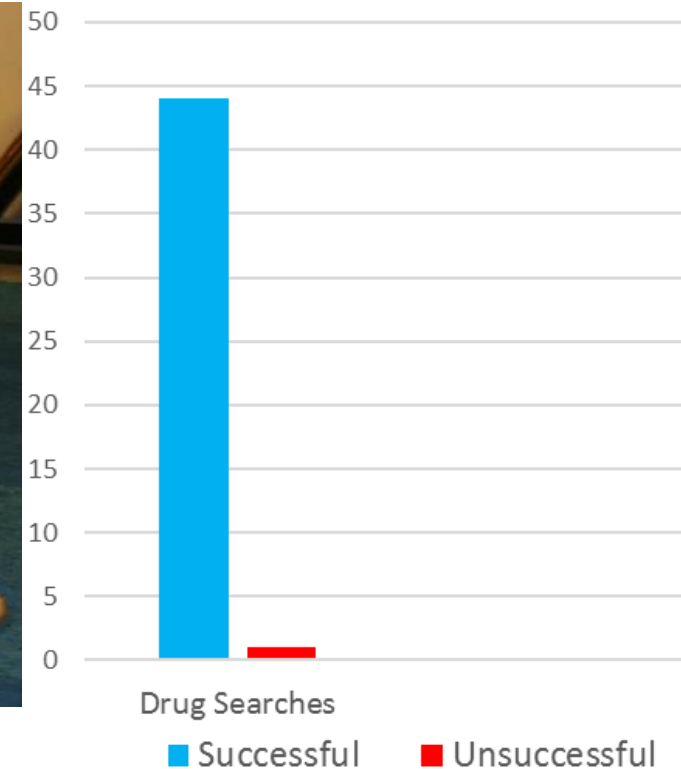
# Quori Post Graduation Data

In less than four months, Quori and his handler

- Conducted 45 drug searches
- Made 73 arrests
- Seized over \$24,900 worth of drugs



Drug Search Success Rate



\*for the unsuccessful drug search, there was reason to believe drugs were recently transported in the vehicle



# What we hope to find

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- Through testing, do the scores accurately predict a dog's ability to work in a specific area?
- How would our working dogs compare to the average pet dogs' scores?
- Find or develop tests for a wider variety of canine careers

# Save the Date

April 20-23, 2018

Philadelphia, PA



**PENN VET**  
WORKING DOG CONFERENCE

**2018**

CREATING THE WORKING DOG:  
Puppy to Professional