

Institute for Human-Animal Connection (IHAC)

- Integrating social work expertise into human-animal interactions
- Teaching, practice, ethics and research
 - Animal-Assisted Social Work Certificate
 - Online professional development certificates



UNIVERSITY DENVER

1

3

2

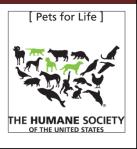
Two Focus Areas of IHAC Research • Therapeutic Human-Animal Interactions - Animals as clinical engagement Prison-based dog training Residential tree Animals in Com - Social/econo - Impacts of co

The One Health Framework The One Health Triad · One Health is an underlying framework for IHAC · Based on Traditional Ecological Knowledge · Position animal health and welfare as integral components of community health and policy making

4

The Humane Society of the United States' Pets for Life

 Pets for Life addresses the inequity in animal welfare resources in communities experiencing poverty by removing barriers to accessing services, supplies and information



DENVER

5

7

The Humane Society of the United States' Pets for Life

- Culturally competent personcentered outreach model
- Trust building and long-term relationships
- Since 2011
 - Programs in >40 communities
 - >185K pets and families served
 - ~0.5M medications, supplies and services



Institute for Human-Animal Connection

6

UNIVERSITY OF DEN VER

Pets for Life Operations Database Study

- Retrospective database analysis of >80,000 s/n surgeries in 38 Pets for Life sites (2012-2015)
- Race/ethnicity were not predictive of willingness to s/n



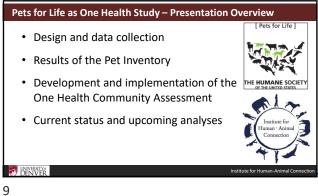
Pets for Life as an Opportunity to Study One Health

- Pets for Life and One Health
 - Highly focused resources on one domain
 - Breaks down barriers to access
 - Outreach model increases social cohesion
 - Anecdotal evidence
- · Pets for Life as One Health Study

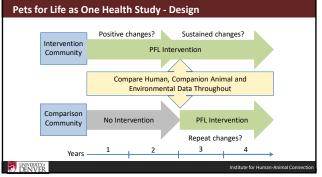


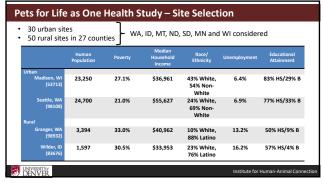
DENVER

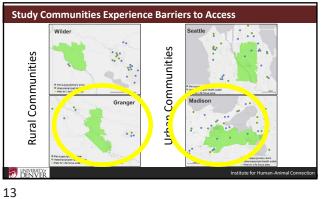
8

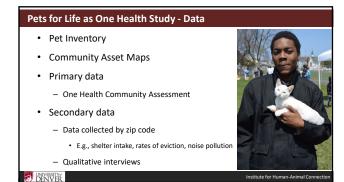


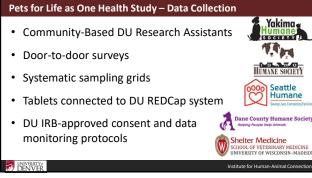




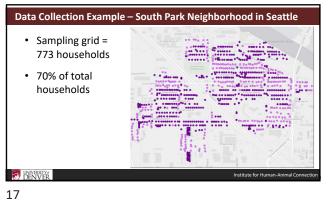


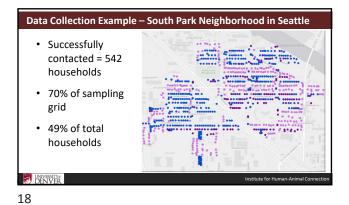












Data Collection Example – South Park Neighborhood in Seattle · Pet Inventory data = 504 households • 93% of successfully contacted • 46% of total households

Data Collection Example – South Park Neighborhood in Seattle • One Health Community Assessment data = 117 households 22% of successfully contacted 11% of total households

19 20



Pet Ownership at the Community Level

- Community-level data unavailable to assess factors that impact pet ownership
 - Urban and rural communities
 - Low poverty and high poverty communities
- · Several national and state-level surveys
 - E.g., AVMA, APPA, Simmons National Consumer Survey, U.S. Census Bureau's Housing Survey
- Need detailed data on pet ownership in study sites to measure Pets for Life "dose"

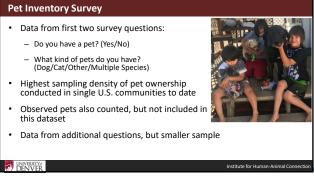


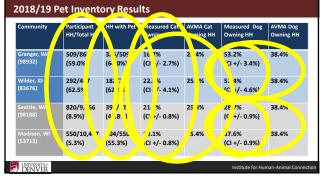
Institute for Human-Animal Connection

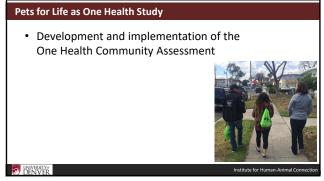
21

22

UNIVERSITY OF DEN VER







No instrument specific to measuring One Health

No instrument specific to measuring One Health

Most reported studies focused on isolated interconnections

Needed to create a One Health instrument

Individual domains and interconnections

Community focused

Quantitative

Longitudinal

25

Exploratory sequential design
 Decenters definitions of health and access to reflect community perceptions

Qualitative Data Collection

Qualitative Data Analysis

Quantitative Instrument Design

Quantitative Data Collection

(Creswell and Plano Clark 2007)

27

Exploratory Sequential Design - Interview Coding

- 20 interviews of residents in Denver Pets for Life site
 - ~30 minutes, English and Spanish
 - Broad questions about perspectives on community health and access to services
- Transcriptions coded for themes and language within five domains
 - Human Health, Animal Health, Environmental Health, Community-Wide Health and Perceived Links

DENVER

28

UNIVERSITY OF DEN VER

26

stitute for Human-Animal Connection

Exploratory Sequential Design – Instrument Design

- · 170 statements across the five domains
- Likert scale: strongly agree > strongly disagree
- · Pilot of 105 responses allowed initial validation
- One Health Community Assessment
- 115 scales in five domains
- English and Spanish versions



DENVER DENVER

29

One Health Community Assessment – Example Scales

- · Animal Health Domain
 - I can obtain pet care services in my preferred language
- · Human Health Domain
 - I have been satisfied with the health care services I have received.
- · Perceived Links Domain
 - I would only give up my pet if I had no other option to provide necessary medical or behavior care.



Institute for Human-Animal Connec

30

UNIVERSITY OF DEN VER

One Health Community Assessment – Year One Data

- 746 surveys completed
 - Madison = 211 (2.0% of households)
 - Seattle = 214 (2.3% of households)
 - Granger = 191 (22.2% of households)
 - Wilder = 123 (26.3% of households)
- Madison and Granger surveys conducted prior to Pets for Life contact



Institute for Human-Animal Connection

One Health Community Assessment – Year One Participation

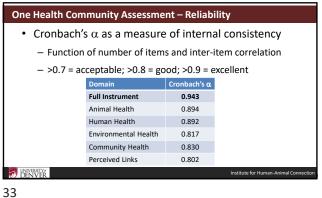
Of attempted household contacts:

- No answer/ruled out rate = 59%
- Decline/ineligible rate = 18%
- Acceptance rate = 23%
 - 1st Contact: 54%
 - 2nd Contact: 28%
 - 3rd Contact: 18%



nstitute for Human-Animal Connection

32



One Health Community Assessment

- Unique quantitative measure of One Health through community perspectives
- Assesses community members' experiences around access to care
- Capable of measuring change over time
- · Ongoing validation to establish generalizability

DENVER

34



Pets for Life as One Health Study · Current status

Pets for Life as One Health Study – Year Two Data Collection

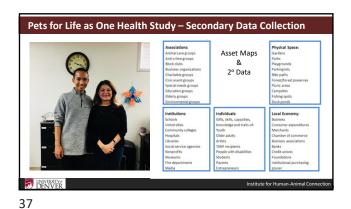
- 597 year two surveys completed (October 2019)
 - 372 year 1 and year 2
 - 109 year 1 participants who still need to be contacted
 - 225 year two only

36

- 534 English; 63 Spanish



35



Pets for Life as One Health Study - Upcoming

- Detailed analysis of the pet inventory data in the 746 survey responses
 - Source of acquisition, indoor versus outdoor, etc.
- Initial statistical analysis of Y1 to Y2 change
- Further assessment of Spanish version of the One Health Community Assessment
- Comparison of the Pets for Life community outreach model to best practices in the social work literature

UNIVERSITY OF DEN VER

We Are Very Grateful To Our Supporters Maddie's ANIMAL FUND

39

The Pets for Life as One Health Study Team University of Denver Sloane Hawes Pets for Life Amanda Arrington Maria Saucedo Jason Schipkowski Ashley Anderson-Mutch Erin Flynn Jaci Gandenberger Jessica Sparks Phil Tedeschi Rachel Thompson >20 student RAs Gabrielle Chapman Timothy Jackson (Seattle) University Wisconsin Angela Darbyson (Madison) Jyoni Shuler (Wilder) Stephanie Koester Gina Thompson Jennifer Mendez (Granger) kevin.morris@du.edu

40

38