explore the different aspects of working dog health
maximize their effectiveness in the field and longevity of their careers

WORKING DOG CONFERENCE

June 5-8, 2014

CONFERENCE PROGRAM

Working Dog Health:
An Integrative Approach to Building a Stronger Team
Welcome to the 4th Penn Vet Working Dog Conference. We are excited to return to Philadelphia and offer another unique educational opportunity at the intersection of the art and science of the working dog. We will focus on the health of both canine and handler, with an emphasis on occupational hazards our canine teams experience in their daily lives. World experts will share evidence and experience in canine sports medicine, behavior and training, emergency medicine and nutrition.

We look forward to several opportunities to network and exchange ideas. We recognize the value of attending conferences extends beyond the expert speakers, and hope that you will take advantage of all of the meal opportunities and events to learn new ideas and discover the latest products for our working canines. Our big social event this year will be Saturday’s open house, BBQ, and demo at the Penn Vet Working Dog Center. We welcome you to visit our site, tour our facilities, and watch dogs work in various disciplines including criminal apprehension, agility, and rubble search.

This year we are excited to introduce a new certification program for veterinarians dedicated to the care of working dogs. The Working Dog Practitioner certification will provide veterinarians the opportunity to expand their knowledge of the unique requirements and occupational hazards of working dogs, while providing handlers with the confidence of finding a practitioner who understands their working partner.

We would like to extend a special thank you to our conference sponsors who allow us to bring you this level of education and still keep it affordable.

Thank you for joining us and enjoy the conference!

Cynthia M. Otto, DVM, PhD, DACVECC

ORGANIZING COMMITTEE
Liz Hare, PhD
Bess J. Pierce, DVM, DABVP, DACVIM
Scott Thomas

EDUCATIONAL TRACK SPONSORS
Emergency & Preventive Medicine Track
Sports Medicine Track
Nutrition Track
Behavior Track

SPECIAL EVENT SPONSORS
Keynote Speaker
Highlights from the Field
Poster Session

BREAKOUT SESSION SPONSORS
Novartis Animal Health
Royal Canin
### AGENDA: Thursday, June 5

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>10:00am – 8:00pm</td>
<td>REGISTRATION OPEN – Ballroom Foyer</td>
<td>Ballroom Foyer</td>
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<tr>
<td>4:00 – 8:00pm</td>
<td>EXHIBITOR HALL – Ballroom I &amp; II</td>
<td>Ballroom I &amp; II</td>
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<tr>
<td>5:00 – 6:00pm</td>
<td>WELCOME RECEPTION (CASH BAR) – Ballroom Foyer</td>
<td>Ballroom Foyer</td>
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<td>6:00 – 7:30pm</td>
<td>DINNER – Ballroom III &amp; IV</td>
<td>Ballroom III &amp; IV</td>
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<tr>
<td>6:30 – 6:40pm</td>
<td>Janet Van Dyke, DVM, DACVSMR, CCRT, CEO – Canine Rehabilitation Institute</td>
<td>Ballroom Foyer</td>
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<tr>
<td>6:40 – 7:30pm</td>
<td>Cindy M. Otto, DVM, PhD, DACVECC: Occupational hazards of working dogs</td>
<td>Ballroom III &amp; IV</td>
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<td>Sponsor: Canine Rehabilitation Institute</td>
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<tr>
<td>7:30 – 8:30pm</td>
<td>NETWORKING RECEPTION (CASH BAR)</td>
<td>Ballroom Foyer</td>
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**Welcome**

*Border Patrol K9 Cita participates in Hydration Study – Sarita, Texas checkpoint*
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<tr>
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<td>EXHIBITOR HALL OPEN – Ballroom I &amp; II</td>
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<td>7:00am</td>
<td>BREAK – Ballroom I &amp; II</td>
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<td>8:00am</td>
<td>Kathleen M. Kelsey – Capable Canine – Ballroom III &amp; IV</td>
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<td>8:10am</td>
<td>Namni Goel, PhD, Ali Rodgers, James Serpell, BSc, PhD – Moderated by Scott Thomas: Stressed out! The impact of stress on you and your canine partner’s performance – Ballroom III &amp; IV</td>
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<tr>
<td>9:00am</td>
<td>TRACK 1</td>
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<tr>
<td>9:10am</td>
<td>Carlo Siracusa, DVM, MS, PhD: Say the right thing to your dog: Understanding dog communication to improve performance and welfare</td>
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<td>10:00am</td>
<td>TRACK 1</td>
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<tr>
<td>10:30am</td>
<td>Robert Dougherty, K9 Officer: Properly managing stress and conflict in the early stages of police patrol dog training</td>
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<td>11:20am</td>
<td>TRACK 2</td>
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<tr>
<td>11:30am</td>
<td>Annemarie DeAngelo, MAS and Pat Kaynaroglu: Penn Vet Working Dog Center’s Puppy Foundation Program: Their first day to their first job</td>
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<tr>
<td>12:20pm</td>
<td>LUNCH &amp; EXHIBITOR HALL OPEN – Ballroom I &amp; II</td>
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<td>1:50pm</td>
<td>Nutrition General Session Speaker (TBD) – Ballroom III &amp; IV</td>
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<td>2:40pm</td>
<td>BREAK</td>
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<td>2:50pm</td>
<td>TRACK 1</td>
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<tr>
<td>3:40pm</td>
<td>Jill Cline, PhD: When’s dinner? Or should it be breakfast? How feeding practices drive performance. Sponsor: Royal Canin</td>
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<td>3:40pm</td>
<td>TRACK 2</td>
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<tr>
<td>4:10pm</td>
<td>Annemarie DeAngelo, MAS and Pat Kaynaroglu: Penn Vet Working Dog Center’s Puppy Foundation Program: Their first day to their first job</td>
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<td>4:10pm</td>
<td>TRACK 1</td>
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<tr>
<td>5:00pm</td>
<td>Jill Cline, PhD: How veterinary staff can help maximize nutritional support of working dogs through diet and feeding recommendations Sponsor: Royal Canin</td>
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<td>5:10pm</td>
<td>TRACK 2</td>
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<tr>
<td>6:00pm</td>
<td>Jill Cline, PhD: How veterinary staff can help maximize nutritional support of working dogs through diet and feeding recommendations Sponsor: Royal Canin</td>
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<td>6:10pm</td>
<td>HIGHLIGHTS FROM THE FIELD</td>
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<td>6:10pm</td>
<td>Samantha Wright – AKC Canine Health Foundation</td>
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<td>6:15pm</td>
<td>Kirby Wycoff, Psy.D, NCSP: Compassion fatigue and vicarious trauma: Exploring issues of health and wellness for canine handlers</td>
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<td>6:30pm</td>
<td>Meg Olmert: The biology of the warrior canine connection: Healing trauma one great dog at a time</td>
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<td>6:45pm</td>
<td>Jeryl Jones, DVM, PhD: Lumbosacral disease in working dogs: Diagnostic imaging updates</td>
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<td>7:10pm</td>
<td>ANNOUNCEMENTS – Ballroom III &amp; IV</td>
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<td>7:15pm</td>
<td>HEAVY HORS D’OEUVRES RECEPTION (Cash Bar) &amp; Exhibitor Hall Open – Ballroom I &amp; II</td>
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AGENDA: Saturday, June 7

SPORTS MEDICINE TRACK
Sponsored by Respond Systems, Inc

7:00am – 2:00pm  REGISTRATION OPEN – Ballroom Foyer
7:00am – 2:00pm  EXHIBITOR HALL OPEN – Ballroom I & II
7:00 – 8:00am  BREAKFAST – Ballroom I & II
8:00 – 8:10am  Sarah Fowler – Respond Systems, Inc – Ballroom III & IV
8:10 – 9:00am  M. Chris Zink, DVM, PhD, DACVP, DACVSMR: Integrating Rehabilitation into the Life of the Working Dog – Ballroom III & IV
9:00 – 9:10am  BREAK
9:10 – 10:00am  TRACK 1
Janet Van Dyke, DVM, DACVSMR, CCRT, CEO: What is canine rehabilitation and what can it do for my practice?
TRACK 2
M. Chris Zink, DVM, PhD, DACVP, DACVSMR: Getting the working dog back to work
Sponsor: Novartis Animal Health
10:00 – 10:30am  BREAK
10:30 – 11:20am  TRACK 1
Janet Van Dyke, DVM, DACVSMR, CCRT, CEO: What is canine rehabilitation and what can it do for my working dog?
TRACK 2
Sasha Foster, MSPT, CCRT: Injury prevention core stabilizing exercises for the human-canine team.
Sponsor: Canine Rehabilitation Institute
11:20 – 11:30am  BREAK
11:30am – 12:20pm  TRACK 1
Janice Huntingford, DVM: Integration of acupressure and manual rehabilitation techniques to prevent and treat injuries in working dogs (wet lab)
TRACK 2
Sasha Foster, MSPT, CCRT: Injury prevention core stabilizing exercises for the human-canine team
Sponsor: Canine Rehabilitation Institute
12:20 – 12:30pm  BREAK
12:30 – 12:40pm  ANNOUNCEMENTS – Ballroom III & IV
12:30 – 2:00pm  LUNCH & EXHIBITOR HALL OPEN – Ballroom I & II
2:45pm  SHUTTLE DEPARTS FOR PENN VET WORKING DOG CENTER – Hotel Lobby (See page 12 for directions)
3:00 – 8:00pm  PENN VET WORKING DOG CENTER OPEN HOUSE: BBQ (CASH BAR), TOURS, DEMONSTRATIONS, POSTER SESSION – Penn Vet Working Dog Center
3:00 – 4:00pm  POSTER SESSION Sponsor: HQ, Inc
5:00 – 7:00pm  BBQ DINNER & CASH BAR
7:30pm  SHUTTLE LEAVES
8:00pm  CLOSE

AGENDA: Sunday, June 8

EMERGENCY & PREVENTIVE MEDICINE TRACK
Sponsored by AKC Canine Health Foundation

7:00am – 1:00pm  REGISTRATION OPEN – Ballroom Foyer
7:00 – 8:00am  BREAKFAST – Ballroom I & II
8:00am  RAFFLE DRAWING
8:00 – 8:10am  Samantha Wright, Program Manager – AKC Canine Health Foundation
8:10 – 9:00am  Bess L. Pierce, DVM, DABVP, DACVIM: SOTA (State of the Art): Inventing the Future of Working Dog Medicine – Ballroom III & IV
9:00 – 9:10am  BREAK
9:10 – 10:00am  TRACK 1
Daniel Fletcher, PhD, DVM, DACVECC, Vinay Nadkarni, MD: CPR in dogs and People: A “Tail” of Two Species (wet lab)
TRACK 2
Janice Baker, DVM: Rethinking heat injury in working dogs: A new look at the evidence
10:00 – 10:30am  BREAK
10:30 – 11:20am  TRACK 1
Daniel Fletcher, PhD, DVM, DACVECC, Vinay Nadkarni, MD: K9 CPR: What you can do (wet lab)
TRACK 2
Jennifer J. Beck, DVM, MS, DACVS: Gastric Dilatation–Volvulus in working dogs: Approaches to prevention and treatment
11:20 – 11:30am  BREAK
11:30am – 12:20pm  TRACK 1
TRACK 2
Erica Reineke, VMD, DACVECC: Veterinary trauma care: Where are we going?
12:20 – 12:30pm  BREAK
12:30 – 12:50pm  CLOSING REMARKS
12:50pm  BOX LUNCHES PROVIDED
1:00pm  CONFERENCE CONCLUDES
2:00 – 8:00pm  SCENARIO BASED TRAINING – Penn Vet Working Dog Center
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GENERAL INFO

B-I-N-G-O
Win free raffle tickets! Have fun getting to know our vendors and learn about their products and services while earning free raffle tickets. As you visit each booth, the vendor will stamp your card. Turn in your card to receive free tickets at the raffle booth any time before the raffle drawing.

Blackout = 7 tickets
Standards (diagonal or straight line) = 5 tickets
Four Corners = 3 tickets

RAFFLE

Drawing: Sunday – June 8, 2014 8:00am (Need not be present to win)
Win great prizes and support the Penn Vet Working Dog Center’s mission.
5 tickets for $5 • 20 tickets for $10 • $20 for a stretch (span from one arm to the other)

BBQ, TOURS & DEMONSTRATIONS

Saturday – June 7, 2014
Penn Vet Working Dog Center (South Bank Campus)
3401 Grays Ferry Avenue, Philadelphia PA, 19146
Gate to South Bank campus located at the intersection of Grays Ferry Avenue & 35th Street-1 block west of 34th Street.

Join us on Saturday for some good ol’ fashion BBQ and ice cream while enjoying tours of the Penn Vet Working Dog Center and demonstrations of the PVWDC puppies hard at work. You will also have the opportunity to see Pennsylvania’s finest working and performance dogs show off their tricks and talents. Enjoy the relaxing environment and catch up with old friends and create new ones. This is a great opportunity to visit with your fellow working dog enthusiast!

CONTINUING EDUCATION CREDIT

The 2014 Penn Vet Working Dog Conference and Scenario Based Training Op are approved for CE by the University of Pennsylvania School of Veterinary Medicine and RACE. Certificates will be emailed following the conference.

VETERINARY SERVICES

24 hour service is available at: MJ Ryan Veterinary Hospital
3900 Spruce Street, Philadelphia, PA 19104 • 215-746.8911

DRIVING DIRECTIONS TO PENN VET WORKING DOG CENTER

From: Clarion Hotel & Conference Center
76 Industrial Hwy, Essington, PA 19029
To: Penn Vet Working Dog Center
3401 Grays Ferry Ave. Philadelphia, PA 19146

1. Start out going east on Industrial Hwy/PA-291 toward W Powhatten Ave. (go 0.46 miles)
2. Turn left onto Wanamaker Ave.
   • Millers Luncheonette is on the corner
   • If you reach Saude Ave. you’ve gone about 0.2 miles too far (go 0.12 miles)
3. Merge onto I-95 N toward Philadelphia. (go 3.15 miles)
4. Take the PA-291 W exit, EXIT 13, toward I-76 W/Valley Forge/Island Avenue. (go 2.3 miles)
5. Merge onto Penrose Ave./PA-291 E via the ramp on the left toward I-76 W/Valley Forge. (go 2.3 miles)
6. Turn left onto S 26th St/PA-291. (go 1.36 miles)
7. Take I-76 W/Schuylkill Expy W. (go 0.69 miles)
8. Take EXIT 346B toward University Avenue. (go 0.29 miles)
9. Merge onto S 34th St. (go 0.19 miles)
10. Turn left onto Grays Ferry Ave.
11. Turn right at 35th St. into the South Bank complex
   • There is a guard station
   • Park in the large lots to your right or left
Can you provide the top-notch conditioning and rehabilitation that your clients expect and your working dogs need?

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NOVARTIS ANIMAL HEALTH

Proud sponsor of the 2014 Penn Vet Working Dog Conference

PREVENT TREAT & CURE Canine Disease

Through your support the AKC Canine Health Foundation (CHF) is dedicated to funding sound scientific research to prevent, treat and cure canine disease. Our work has resulted in discoveries of the causes of disease, more accurate ways to diagnose disease, innovative new treatments, and ultimately cures.

Visit www.akcchf.org for the latest canine health information:
• Educational Podcasts and Webinars
• Disease Descriptions
• On-going Research
• Ways to Help

WHAT WE DO: the AKC Canine Health Foundation (CHF) is dedicated to funding sound scientific research to prevent, treat and cure canine disease. Our work has resulted in discoveries of the causes of disease, more accurate ways to diagnose disease, innovative new treatments, and ultimately cures.

To learn more about CHF and to support our work please visit www.akcchf.org
The Penn Vet Working Dog Center is the nation’s premier research and educational facility dedicated to harnessing the unique strengths of our canine partners and producing an elite group of scent-detection dogs for public safety and public health.