Explore the different aspects of working dog health
Maximize their effectiveness in the field and longevity of their careers
Welcome to the 5th 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. This year, the conference focuses on the ways we can discover new answers to old problems by turning outside of our own discipline. Working Dog 360 invites us to look in all directions to learn how we can advance the different aspects of working dog health and performance by working together.

In response to feedback from our previous conference, we have streamlined the program so you do not have to choose between two compelling presentations which will further enhance the multidisciplinary learning. Our sessions are designed with ample time for exchange and discussion. Your experiences are part of the overall learning opportunity for all attendees, so be ready to share! Plan to learn from, and engage with, internationally recognized experts that bring an unparalleled breadth and depth of experience and knowledge. We kick off the conference with our renowned keynote speaker, Ken Ramirez, who shifts the focus from how to train dogs to how dog training can enhance your communication skills with people. You will have the opportunity to learn about advances in working dog health and training. Knowing that most working dogs serve as a critical half of a team, we will also explore the human component of the team. The Innovation Session and Highlights from the Field will bring you up to date on the latest areas of research and will include an opportunity for discussion that will help shape the direction of future studies.

We look forward to also bringing you several additional opportunities to network and exchange ideas. We recognize that 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 explore new products and practices for our working canines. One of our big social events this year will be the BBQ and demos with a fitness and rehabilitation focus at the Penn Vet Working Dog Center. We are pleased to be able to have you come to our site, see our facilities, and experience the fitness and rehabilitation techniques that can help your dog prevent or recover from injury.

As in past conferences, we will be working with Tawzer Dog to video record and make these presentations available for future viewing. As a result there is no personal recording of presentations permitted and when making comments please be sure to use the microphones provided.

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!
**AGENDA: Friday, April 8, 2016**

**Welcome**

12:00 – 8:00 pm  REGISTRATION OPEN – Ballroom Foyer

4:00 – 8:30 pm  EXHIBITOR HALL – Ballroom I & II

5:00 – 6:00 pm  WELCOME RECEPTION (CASH BAR) – Ballroom Foyer

6:00 – 7:30 pm  DINNER – Ballroom III & IV

6:30 – 6:40 pm  Cindy Otto, DVM, PhD, DACVECC, DACVS, CCRT – Penn Vet Working Dog Center

6:40 – 7:30 pm  Ken Ramirez: How animal training taught me better people skills

7:30 – 7:40 pm  ANNOUNCEMENTS

7:40 – 8:30 pm  NETWORKING RECEPTION (CASH BAR) – Ballroom Foyer

8:30 pm  CLOSE

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**AGENDA: Saturday, April 9**

7:00 am – 8:00 pm  REGISTRATION OPEN – Ballroom Foyer

7:00 am – 8:00 pm  EXHIBITOR HALL OPEN – Ballroom I & II

7:00 – 8:00 am  BREAKFAST – Ballroom I & II

8:00 – 8:10 am  Canine Rehabilitation Institute (sponsor): Advancements in working dog health and medicine – Ballroom III & IV

8:10 – 9:00 am  MAJ Nicolas Cabano, DVM, MS, DACVS: Common military working dog surgical procedures and rehabilitation modalities – Ballroom III & IV

9:00 – 9:10 am  BREAK

9:10 – 10:00 am  Joe Wakshlag, DVM, PhD, ACVIM: Nutrition for the working dog: Different jobs, different diets – Ballroom III & IV

10:00 – 10:30 am  BREAK

10:30 – 11:20 am  Manti Guha, PhD, Michael Mison, DVM, BS, DACVS, & Charles Vite, DVM, PhD, ACVIM: Age is not a disease, or is it? The effect of aging on human and canine performance – Ballroom III & IV

11:20 am – 1:40 pm  LUNCH & EXHIBITOR HALL OPEN – Ballroom I & II

1:40 – 1:50 pm  Jill Cline, PhD – Royal Canin (sponsor): Training the working dog using current scientifically-based methods – Ballroom III & IV

1:50 – 2:40 pm  Alexandra Horowitz, PhD: Dog play, dog mind – Ballroom III & IV

2:40 – 2:50 pm  BREAK

2:50 – 3:40 pm  Ken Ramirez: What exotic animals taught me about training working dogs – Ballroom III & IV

3:40 – 4:10 pm  BREAK

4:10 – 5:00 pm  Claire Guest, Bsc. (Hons) Msc. HonDSc. DHP BCAh: Medical detection dogs: Improvement in canine olfactory performance through enhanced decision-making and communication – Ballroom III & IV

5:00 – 5:10 pm  BREAK

5:10 – 5:20 pm  Samantha Wright – AKC Canine Health Foundation (sponsor): Highlights from the Field – Ballroom III & IV

5:20 – 6:10 pm  HIGHLIGHTS FROM THE FIELD – Ballroom III & IV

5:20 – 5:35 pm  Paul C. Bunker, PMP: Integrating technology into the canine platform

5:35 – 5:50 pm  Erin Venable, PhD: Effects of helicopter travel stress on the performance and microbiome of the working canine

5:50 – 6:05 pm  Lee Palmer, DVM, MS, DACVECC, NREMT-T, WEMT, CCRP: Challenges facing prehospital care for operational K9s injured in the line of duty

6:05 – 6:15 pm  ANNOUNCEMENTS – Ballroom III & IV

6:15 – 6:25 pm  Jill Cline, PhD – Royal Canin (sponsor): EXHIBITOR PARTY – Ballroom III & IV

6:25 – 8:30 pm  EXHIBITOR PARTY – Ballroom I & II

8:30 pm  CLOSE
AGENDA: Sunday, April 10

7:00 am – 2:00 pm  REGISTRATION OPEN – Ballroom Foyer
7:00 am – 2:00 pm  EXHIBITOR HALL OPEN – Ballroom I & II
7:00 – 8:00 am  BREAKFAST – Ballroom I & II
8:00 – 8:10 am  Eric Darling – Superfit Canine (sponsor): Implications of handler training on the successful working dog team – Ballroom III & IV
8:10 – 9:00 am  Adam Moses – ROVER: Software for training and analysis of chemical sensing dogs – Ballroom III & IV
9:00 – 9:10 am  BREAK
9:10 – 10:00 am  Kim Dean, PhD: Bigger brains, bigger problems: Using positive behavior approaches to improve training performance the human end of the leash – Ballroom III & IV
10:00 – 10:30 am  BREAK
10:30 – 11:20 am  Meg Daley Olmert: The neurobiology of the warrior canine connection – Ballroom III & IV
11:20 – 11:30 am  Samantha Wright – AKC Canine Health Foundation (sponsor): Highlights from the Field – Ballroom III & IV
11:30 am – 12:20 pm  HIGHLIGHTS FROM THE FIELD – Ballroom III & IV
11:30 – 11:45 am  Lorenzo Ramirez, PhD: Examining environmental, physiological, behavioral and dog-handler interaction factors that impact the success of a dog during a scent detection task
11:45 am – 12:00 pm  Andie Thompkins, MS: Canine functional imaging and the dog-human bond
12:00 – 12:15 pm  Marcella Ridgeway, VMD, MS, DACVIM (SAIM): Building veterinarians who understand working dogs
12:15 – 12:25 pm  ANNOUNCEMENTS – Ballroom III & IV
12:40 – 2:00 pm  LUNCH & EXHIBITOR HALL OPEN – Ballroom I & II
2:00 pm  EXHIBITOR HALL CLOSED
2:30 pm  SHUTTLE DEPARTS FOR PENN VET WORKING DOG CENTER (PREPAID) – Hotel Lobby (See pg. 3 for directions)
3:00 – 8:00 pm  PENN VET WORKING DOG CENTER OPEN HOUSE: BBQ (CASH BAR) & DEMONSTRATIONS – Penn Vet Working Dog Center (See pg. 12 for driving directions)
3:00 – 7:00 pm  DEMONSTRATIONS – Respond Systems, FitPAWS, DogTread, Canine Gear Gym, The Klimb, Penn Vet Working Dog Center
5:00 – 7:00 pm  BBQ DINNER & CASH BAR
7:30 pm  SHUTTLE LEAVES
8:00 pm  CLOSE

AGENDA: Monday, April 11

7:00 am – 12:00 pm  REGISTRATION OPEN – Ballroom Foyer
7:00 – 8:00 am  BREAKFAST – Ballroom I & II
8:00 – 8:10 am  Driving progress in the working dog field through research and innovation – Ballroom III & IV
8:10 – 9:00 am  Stephen Lee, PhD: Military working dog science and technology for the future: Needs and opportunities – Ballroom III & IV
9:00 – 9:10 am  BREAK
9:10 – 10:00 am  Cindy Otto, DVM, PhD, DACVECC, DACVSMR, CCRT – NIST: Standards and guidelines for detection dogs: What does it mean for you? Sponsored by AKC Canine Health Foundation – Ballroom III & IV
10:00 – 10:30 am  BREAK
10:30 – 11:20 am  John Ensminger, JD, LLM: Frictions between science and law on service and police dogs – Ballroom III & IV
11:20 – 11:30 am  Samantha Wright – AKC Canine Health Foundation (sponsor): Highlights from the Field – Ballroom III & IV
11:30 am – 12:20 pm  HIGHLIGHTS FROM THE FIELD – Ballroom III & IV
11:30 – 11:45 am  Lorenzo Ramirez, PhD: Examining environmental, physiological, behavioral and dog-handler interaction factors that impact the success of a dog during a scent detection task
11:45 am – 12:00 pm  Andie Thompkins, MS: Canine functional imaging and the dog-human bond
12:00 – 12:15 pm  Marcella Ridgeway, VMD, MS, DACVIM (SAIM): Building veterinarians who understand working dogs
12:15 – 12:25 pm  ANNOUNCEMENTS – Ballroom III & IV
12:40 – 2:00 pm  LUNCH & EXHIBITOR HALL OPEN – Ballroom I & II
2:00 pm  EXHIBITOR HALL CLOSED
2:30 pm  SHUTTLE DEPARTS FOR PENN VET WORKING DOG CENTER (PREPAID) – Hotel Lobby (See pg. 3 for directions)
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7:30 pm  SHUTTLE LEAVES
8:00 pm  CLOSE
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GENERAL INFO

B-I-N-G-O
Friday – April 8
Have fun getting to know our vendors and learn about their products and services while earning a chance to win the nightly prize drawing. As you visit each booth, the vendor will stamp your card. Once you get blackout, place your card in the bowl at the raffle table. Winner will be announced at Saturday’s morning announcements (need not be present to win).

JEOPARDY
Saturday – April 9
Get to learn more about each of our exhibitor with a round of America’s favorite game show “Jeopardy.” Each attendee will receive a list of answers, it’s up to you to visit with each of our vendors to discover the right question. Once you have all the questions, place your card in the bowl at the raffle table. Winner will be announced at Sunday’s morning announcements (need not be present to win).

RAFFLE
Drawing: Monday – April 11, 11:20 am (need not be present to win)
Win great prizes and support the Penn Vet Working Dog Center’s mission. Purchase tickets at the Superfit Canine booth. 5 tickets for $5 • 20 tickets for $10 • $20 for a stretch (span from one arm to the other).

BBQ & DEMONSTRATIONS
Sunday – April 10
Penn Vet Working Dog Center (South Bank Campus)
3401 Grays Ferry Avenue, Philadelphia PA, 19146
Join us on Sunday for some good ol’ fashion BBQ while enjoying demonstrations from Respond Systems, FitPAWS, DogTread, Canine Gear Gym, The Klimb, and the Penn Vet Working Dog Center. Enjoy the relaxing environment, catch up with old friends and create new ones. This is a great opportunity to visit with your fellow working dog enthusiast!

Canine Fitness Foundations Workshop
FitPAWS, DogTread, Gait-4Dog, Klimb – Darrell Wilkerson
Learn more about creating a foundational fitness program for your working dogs using canine-specific equipment to help reduce injury and improve longevity in the field. Understand the importance of proper form, the right tools, and valuable techniques through demonstration and hands-on work.

Injury Prevention and Healing
Respond Systems – Lisa Miksis and Brian Richardson
Working dogs put a lot of wear and tear on their bodies. Laser and PEMF (pulsed electromagnetic field) therapy play a crucial role in helping to keep them in peak condition and recover faster from fatigue or injury. Stop by to learn more about both of these therapies and how they can reduce pain, decrease inflammation and accelerate healing.

Working Dogs in Action
Penn Vet Working Dog Center – Training Team
Join the elite Penn Vet Working Dog Center training team as they demonstrate various skills that the dogs in our program learn as they prepare to be the next generation of working dogs (conditions permitted).

DRIVING DIRECTIONS TO PENN VET WORKING DOG CENTER

From: Clarion Hotel & Conference Center
76 Industrial Highway, Essington, PA 19029
To: Penn Vet Working Dog Center
3401 Grays Ferry Avenue, 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 0.21 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 Expwy W. (go 0.69 miles)
8. Take EXIT 346B toward University Avenue. (go 0.29 miles)
9. Merge onto S 33rd St. (go 0.19 miles)
10. Turn left onto Grays Ferry Ave.
    • Grays Ferry Ave. is 0.1 miles past Wharton St.
    • BP Service Stations is on the corner
11. Turn right at 35th St. into the Pennovation Works complex.
    • Park in the large lots to your right or left
    • Look for volunteers to help guide you down to the Center. Please pardon the inconvenience of construction!

Phone Numbers
Clarion: (610) 521-9600 / WDC: (215) 898-2200
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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.