Fred Helfers started training and handling detection canines in 1982 while working in law enforcement. Fred has actively worked two drug detection canines during his 28 years in law enforcement and has expanded his knowledge of detection canines by training canines and handlers in the fields of insect detection, natural gas detection and accelerant detection. Fred Helfers is a Certified Nose Work Instructor and conducts K9 Nose Work classes in the Tucson - Green Valley area.

For over 20 years, Fred operated a professional detection dog training kennel for police officers, training drug detection canines and their handlers. Fred’s passion and recognized expertise in training detection canine teams has led him to conduct training seminars and classes throughout United States, Canada, Australia and Brazil.

Fred is the past president of the Washington State Police Canine Association and the founding President of the Pacific Northwest Police Detection Dog Association (pnwk9.org). Fred Helfers is also a member of the Scientific Working Group on Dog and Orthogonal Factors (SWGDOG.org). One of 55 national and international scientists, trainers and practitioners, developing public safety detection dog best practices.

**SATURDAY JULY 19th, 2014 - 8:00am – 4:00pm**

**Cost: $150.00 US - Price includes workbook and lunch**

(This is a seminar is lecture only. No dogs) CNWI ceu’s available & CPDT ceu’s applied for.

**The Detection Dog “Understanding Olfaction and Odors”**

- How the canine nose works. (Olfactory system)
- Breathing vs. Sniffing
- The Odor molecule
- Theory of scent discrimination
- Factors effecting Odor Temperature, Wind, Humidity, Environment
- Use of training aids – containment and handling
- Utilizing your knowledge of Odors and Olfaction in K9 Nosework®
- Training scenarios and Environmental issues

**SUNDAY JULY 20th, 2014 - 8:00am – 4:00pm**

**Cost: $120 for working spot  $80 for auditing spot. Lunch provided**

CNWI ceu’s available & CPDT ceu’s applied for.

**Identifying Handler Error & Skill Building Handler Drills**

- Morning: “Identifying Common Handler Error Faults” - Classroom
- Afternoon: “Skill Building – Handler Drills” - working spots of up to 10 teams. Dogs must be on odor.
SATURDAY JULY 19\textsuperscript{th} 2014 - 8:00am – 4:00pm The Detection Dog “Understanding Olfaction and Odors”  
Cost: $150.00 US - Price includes workbook and lunch. (This is a seminar is lecture only. No dogs) CNWI CEU’s available, CPDT CEU’s applied for.

SUNDAY JULY 20\textsuperscript{th}, 2014 8:00am – 4:00pm Identifying Handler Error & Skill Building Handler Drills  
Cost: $120 for working spot $80 for auditing spot. Lunch provided. CNWI CEU’s applied for. CNWI CEU’s available, CPDT CEU’s applied for.

Where: Westosha Central High School, 24617-75\textsuperscript{th} Street, Salem WI 53168. Hotel information provided on the Loving Paws website [www.lovingpawslc.com](http://www.lovingpawslc.com).

Name: ______________________________________
Address: ________________________________________________
City, State, Zip: ____________________________________________
Phone: ___________________ E-Mail: _________________________

Lunch will be provided; do you have any dietary restrictions?____________________________

**Fill in for Working Spot Only**

Dog’s Name: ________________________________ Age: __________
Breed: ________________________________
Is your dog comfortable with people? __________ other dogs? ______________________
What odors is your dog searching for?  Birch____ Anise____ Clove ____
If you are competing, what level are you competing at? NWI____ NW2____ NW3____

**Payment Type:**

Credit Card Payment: Register and pay on line at www.lovingpawslc.com/events

Attending:    Sat ____ Sun ____          Amount enclosed: ________________

Return this form along with your payment to: Loving Paws LLC, 4816-67\textsuperscript{th} Street, Kenosha WI 53142

**Loving Paws LLC Policies & Information:** By using the link provided, you will secure a spot for this event. If you choose to cancel your registration for the seminar, you must notify us in writing (e-mail, fax, letter). Cancellations received before midnight June 1\textsuperscript{st}, 2014 will receive a refund of 100% of the registration fee. Any cancellations after this date will be made only if another participant is available from our waiting list or arranged by you. This policy is without exception.