

# Canadian Association of Zoo and Wildlife Veterinarians (CAZWV) Wildlife Immobilization Full Course (3 days)

Jan 4-6, 2019

University of Calgary

Clinical Skills Building, 11877, 85 St NW, Calgary, AB T3R 1J3, Room TBD

The Canadian Association of Zoo and Wildlife Veterinarians (CAZWV) chemical immobilization course is considered the national standard for continuing education training for graduate students, researchers, biologists and wildlife conservation personnel involved with the chemical immobilization of wildlife. This lecture and lab-based course is designed to familiarize participants with the capture and handling of free-ranging wildlife with an emphasis on Canadian wildlife and policies.

General topics covered include:

**Anatomy and Physiology – Chemical versus Physical Restraint – Pharmacology – Drug Acquisition, Handling and Storage – Drug Calculations – Equipment – Human Safety – Capture Procedures – Identifying and Treating Complications – Humane Euthanasia – Necropsy – Animal Welfare**

The lab based portion will focus on **safe needle and syringe techniques, sample collection techniques, drug preparation, dart delivery systems, dart loading procedures, monitoring equipment and supportive care.**

Participants are encouraged to actively engage in the course to discuss their species of interest and techniques. Assessment will be based on a multiple-choice and drug calculations exam delivered at the end of the course. Certificates will be provided for successful course completion.

**COST: \$500 per person (includes GST). Fee covers the 3 day course (9am- approx.. 4pm), course manual (\$75 value) and course certificate.**

## **Registrations:**

Registration is limited to 20 participants. Payment of full course fee (\$500) is required to secure a spot. Cancellations 3 weeks before the course will receive a refund, otherwise no refunds will be provided for late cancellations. Cut and paste, or click the registration link here:

<https://goo.gl/forms/9lgs08Sjw4B9dJMD2>

Registration is confirmed after the full course fee is paid via e-transfer to Owen Slater at: [omslater@gmail.com](mailto:omslater@gmail.com). Payments via credit card are not accepted.

## Instructors:

### **Dr. Nigel Caulkett, DVM, MVetSc. Diplomate ACVA**

Dr. Caulkett completed his DVM at the Western College of Veterinary Medicine in 1989. Soon after graduation he worked on a project in the Northwest Territories, performing semen analysis on wood bison. Nigel spent a year in mixed practice in St Paul, Alberta and returned to WCVN in 1990 to start a residency in veterinary anesthesiology where his MVetSc research focused on xylazine epidural analgesia in cattle. After completion of his residency he remained at WCVN in a clinical position for 1 year. Nigel started on faculty at WCVN in 1994 and received board certification in the same year. Much of his research has focused on the development of safe capture and handling techniques in free ranging wildlife, and the development and evaluation of analgesic techniques in farm animals.

### **Dr. Owen Slater, BSc., DVM**

Dr. Slater obtained his degrees from the University of Guelph. After completing a year of mixed animal veterinary practice in Lethbridge, Owen received additional training in wildlife veterinary medicine during an internship at the Calgary Zoo. He then spent the next 4 years working as a zoo veterinarian in Chicago and Calgary. Currently he provides consultant wildlife veterinary expertise to various government agencies and NGOs, as well as teaching at the University of Calgary, Faculty of Veterinary Medicine. He is the current President of the CAZVW, chair of the Wildlife and Ecosystem Health Advisory Committee for the Alberta Veterinary Medical Association and an Associate with the Canadian Wildlife Health Cooperative. Owen has spent his career working with captive and free ranging wildlife both in North America and Africa and has over 18 years of chemical immobilization experience.