OIE Collaborating Centre for Training in Integrated Livestock and Wildlife Health and Management, Onderstepoort

Development of the Centre

- Proposal - OIE Collaboration Centre: 29 January 2009
- African Commission: 24 February 2009
- International Commission of the OIE: 26 May 2009
- Workshop: Clarify issues of development and implementation of OIE Collaborating Centre: 11 November 2009

Consortium Partner Institutions

The activities of the proposed collaborating Centre will be supported by the following institutions:

- Lead Institution: Department of Veterinary Tropical Diseases, Faculty of Veterinary Science, UP, SA (Contact person: Prof JAW Coetzer)
- University of Pretoria (Centre for Veterinary Wildlife Studies, Department of Animal and Wildlife Sciences, Department of Agricultural Economics, Extension and Rural Development)
- Onderstepoort Veterinary Institute (OVI), SA
- Institute of Tropical Medicine (ITM), Antwerp
- National Institute for Communicable Diseases, SA
- National Department of Agriculture, SA
- Others in SADC?

Focus of the Centre

- Focus initially on a number of SADC countries
- Veterinarians, para-veterinarians, and related scientific disciplines / professions
- The training that will be provided by the proposed collaborating Centre will follow an integrated approach linking animal and human health, animal production, marketing and trade of animals and their products, land-use options, rural development, conservation and environmental health, relevant particularly to SADC.

Focus of training of the Centre

The main areas of training will include the following:

- Specific information on individual TADs
- Field and laboratory diagnostics and sampling techniques
- Epidemiology and risk assessment
- Surveillance: including the use of GIS
- Communication: including use of mobile devices / cell phones
- Animal health management including community-based animal health and emergency preparedness
- Environmental health including the effects of climate change on animal and human health and animal production
- Ecology and biodiversity
- Animal (domestic and wild animals) production systems and management
- Marketing and trade of animals and their products
- Pubs
- Rural development
- Animal welfare
The following training opportunities are already provided:

- Postgraduate courses (research MSc, web-based MSc and PhD)
- CPD modules (PRINT programme and others)
  - Transboundary or high impact diseases (Advanced and Technical level)
  - Laboratory Diagnostic Series
  - Animal Production Systems and Management (Cattle, Small stock, Pigs and Poultry)
  - Livestock and Marketing and Trade (Standards, Production and processing; Economics of Livestock Trade and Marketing)
  - Others (Community-based Animal Health, GIS, Research Methodology)
- Bench training

Veterinary Information Hub

Continuing Professional Development

Livestock Health, Management and Production

Wildlife Health, Management and Production

Laboratory Diagnostics

High Impact Diseases
- Disease vectors (zoosystematics) e.g. Culicoides, ticks, Tsetse

Selected Helminths
- Livestock Marketing and Trade

Animal Health Management
- Community Health and Animal Welfare

Animal Production and Management Systems
- Zoonoses

Introduction
- Interface

Transboundary animal diseases (TADs)
- Emerging and re-emerging diseases

Conservation medicine (One Health)
- Regulatory environment

Game capture and immobilisation
- Disease management policy: agriculture and conservation

Disease management

Specimen collection
- Laboratory Practice

Bacteriology
- Serology

Molecular Biology
- Parasitology

Virology
Development of the Hub

OIE Collaborating Centre for Training in Integrated Livestock and Wildlife Health and Management

Date: 2007 - 2009
Focus: Animal Health and Animal Production

SADC – Regional programme

Re-packaging

MSc and CPD

• Modular Web-based MSc (Veterinary Tropical Diseases)
• CPD modules in Tropical Animal Health
• New modules developed

SADC & other institutions (Development & Implementation)

Questions
• Branding?
• Imbedded in UP?

Products

• Under- and postgraduate and CPD training materials (national, international: SADC?)
• Custom-made learning / training packages or portfolios
  – Individuals
  – Institutions: e.g. Utrecht, Cambridge: licensing?
• Database of clients

Clients: national and international

• Under- and postgraduate students and CPD learners
• Vets, para-vets, other scientists and professions
• Public
• Institutions (academic, research, diagnostic and others)

Recognition

• OIE, FAO
• SADC
• AU-SBR
• IAEA

Accreditation

• South African Veterinary Council
• SADC, AU?
• EU, UK, USA
Needs Analysis: Continuing Professional Development (CPD)

Dr Chris Daborn: Needs analysis of the availability of CPD in Africa and the factors constraining access – July 2009
OE and World Bank

Findings / recommendations

Great and urgent need for CPD for vets
Key role-players need to be identified

Few on-line/web-based service providers
• Department of Veterinary Tropical Diseases, University of Pretoria - Africa
• Edinburgh University – UK
• Royal Veterinary College – UK

Constraints
• Slow speed and high cost of existing internet connections
• Seacom fibre-optic cable will enhance access to information – already available in East Africa, later in West Africa

Communication tools
Cost effective alternatives – not ebooks, mobile phones, 3G

Translation of courseware
French, Portuguese, Arabic and Swahili

Para-vets and Community-based Animal Health Workers
Limited courseware available for CPD

Focus
SADC Region, Ghana, Sudan and Kenya

Needs Analysis: Continuing Professional Development (CPD)

Dr Maurice Ocquaye: Needs analysis on setting up of a Distance Learning Programme in Africa – July 2009
FAO and ECTAD (Emergency Centre for Transboundary Diseases)

Objectives

Distance learning programme platforms
• Training in Transboundary Animal Diseases (TADs)
• Veterinary professionals and stakeholders

International pool of experts
• To develop e-learning programme and provide curricular leadership

Support to a network of SADC stakeholders
• In partnership with FAO and SADC partners

Continuing Professional Development

• Life-long learning is a cardinal feature of professional degree programmes leading to registration with a professional council
• Life-long learning is embedded in CPD as an essential component of maintaining and enhancing professional skills and knowledge
• CPD was and is part of Rule 4 of the Rules of the Act related to the practicing of Veterinary Professionals in which it is stated that a veterinarian should always render a service based on the latest scientific knowledge

CPD: South African Veterinary Council

• Requirements
  – Veterinary Professionals registered with Council on 1 April 2006
  – The 1st cycle is from 1 Apr 2006 – 1 Apr 2009
  – The three-year cycle for veterinary professionals that register after 1 April 2006 starts on 1 April 2007
  – 20 of 60 points need to have been obtained from participating/attending structured activities within the 3 year cycle

CPD: Point allocation

<table>
<thead>
<tr>
<th>Type of structured activity</th>
<th>Points</th>
<th>Minimum per 3 year cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conference, seminar, symposium</td>
<td>1 point</td>
<td>1 point per hour</td>
</tr>
<tr>
<td>Workshop, conference, seminar</td>
<td>1 point</td>
<td>1 point per hour</td>
</tr>
<tr>
<td>Refereed scientific paper</td>
<td>5 points</td>
<td>None</td>
</tr>
<tr>
<td>Non-refereed scientific paper</td>
<td>3 points</td>
<td>None</td>
</tr>
<tr>
<td>Lay public presentation</td>
<td>2 points</td>
<td>None</td>
</tr>
<tr>
<td>Correspondence courses, audio/video/CD/web</td>
<td></td>
<td>Specific to course</td>
</tr>
<tr>
<td>Written assessment test</td>
<td>1 point</td>
<td>None</td>
</tr>
<tr>
<td>Lecture preparation/presentation undergraduate</td>
<td>1 point</td>
<td>1 point for 1st hour per course</td>
</tr>
<tr>
<td>Lecture preparation/presentation postgraduate</td>
<td>2 points</td>
<td>2 points for 1st hour per course</td>
</tr>
<tr>
<td>Masters promoter</td>
<td>5 points</td>
<td>None</td>
</tr>
<tr>
<td>PhD promoter</td>
<td>10 points</td>
<td>None</td>
</tr>
<tr>
<td>Examinations</td>
<td>2 points per day/partial thereof</td>
<td>10 points</td>
</tr>
<tr>
<td>Review of scientific articles/books</td>
<td>2 points</td>
<td>2 points per item</td>
</tr>
<tr>
<td>Policy/curriculum defence</td>
<td>2 points</td>
<td>2 points per day/partial thereof</td>
</tr>
<tr>
<td>Inquiry bodies/expert witness</td>
<td>2 points</td>
<td>2 points per day/partial thereof</td>
</tr>
</tbody>
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CPD: South African Veterinary Council

• CPD Accreditation Committee
  – Refine Council’s policy
  – Refine guidelines and regulations
  – Accreditation applications
  – Monitoring CPD points

• Accredited service provider
  – Organisation
  – Company
  – Individual

Obtain approval from Council for an activity to be presented for CPD purposes
CPD: Point allocation

- Unstructured activities (40 points in 3 year cycle)

<table>
<thead>
<tr>
<th>Type of unstructured activity</th>
<th>Points</th>
<th>Maximum per 3 year cycle</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-practice training and instruction</td>
<td>1 point per week</td>
<td>20 points</td>
</tr>
<tr>
<td>Supervision of undergraduate veterinary/para-veterinary student</td>
<td>1 point per day</td>
<td>15 points</td>
</tr>
<tr>
<td>Collegial discussion</td>
<td>1 point per two hours</td>
<td>15 points</td>
</tr>
<tr>
<td>Reading</td>
<td>1 point per two hours</td>
<td>15 points</td>
</tr>
<tr>
<td>Non-assessed correspondence course, audio/video tape, CD/Web/IT packages</td>
<td>1 point per two hours</td>
<td>15 points</td>
</tr>
<tr>
<td>Non-veterinary related courses</td>
<td>1 point per first two hours/part thereof, thereafter 1 point per hour</td>
<td>10 points</td>
</tr>
</tbody>
</table>

Recording of CPD activities

- Logbook is kept of CPD activities and vets must keep record and retain documented proof of their involvement in these activities.
- Record must be kept of the nature, scope and duration of unstructured activities.
- Summary of activities must be submitted to SAVC annually when membership fee is due.
- Logbook must be kept and be available for inspection by SAVC for a period of 5 years.

Non-compliance

SAVC views non-compliance in a very negative light and the vet will have to appear at an inquiry. Council may impose any one or more of the following:
- Deferral for period
- Follow a remedial programme of continued education
- Write an examination
- Remove veterinary professional’s name from register

Vision: medium- to long-term

- The DVTD Team

OIE Collaborating Centre for Training in Integrated Livestock and Wildlife Health and Management (South Africa)

Senegal
Tanzania
Mocambique
Egypt