



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

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

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VETERINARY BACKGROUND SADC TECHNOLOGY



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

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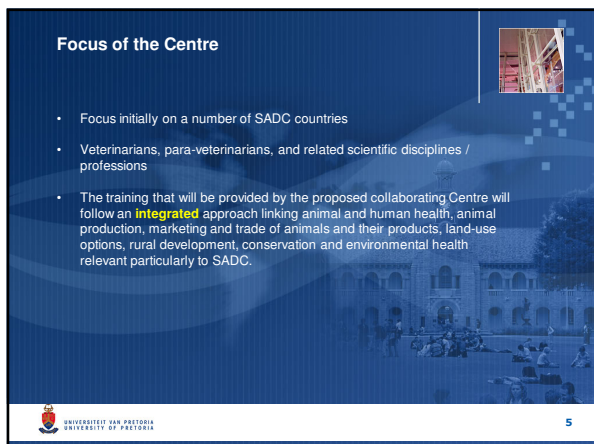
Consortium Partner Institutions

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?

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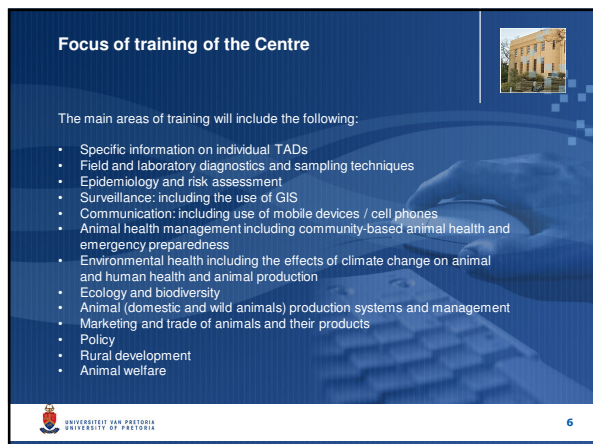


Focus of the Centre

- 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.

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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
- Policy
- Rural development
- Animal welfare

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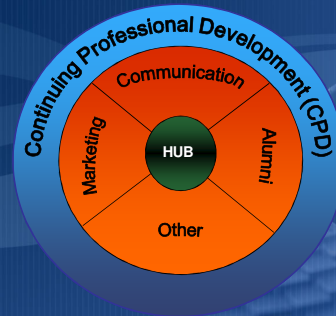
Veterinary Information Hub: Development



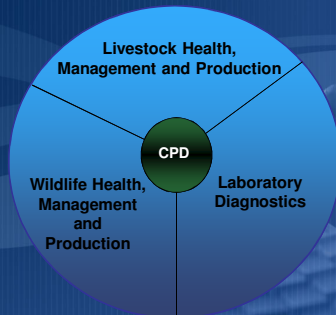
The following training opportunities are already provided:

- 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



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High Impact Diseases	Disease vectors (biosystematics) e.g. <i>Culicoides</i> , ticks, Tsetse...
Selected Helminths	Livestock Marketing and Trade
Animal Health Management	Community Health and Animal Welfare
Animal Production and Management Systems	Zoonoses

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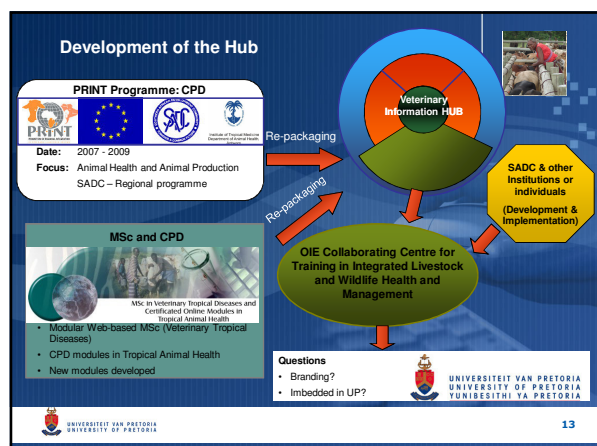
Introduction	Interface
Transfrontier parks and conservation areas	Transboundary animal diseases (TADs)
Zoonoses	Emerging and re-emerging diseases
Conservation medicine ('One Health')	Regulatory environment
Game capture and immobilisation	Disease management policy: agriculture and conservation
Disease management	

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Specimen collection	Laboratory Practice
Bacteriology	Serology
Molecular Biology	Parasitology
Virology	

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Development of the Hub

- **Intellectual content**
- **Delivery platform:** (Integration, problem-solving, interactive)
 - Integration of information through links, cross-references, combination of courses
 - Interactivity: blogs, discussions, interviews
 - Blended delivery: e-learning, face-to-face (including skills training)
 - Translation of teaching materials and content
- **Management, accreditation, branding, financial and other resources**
- Example: Levels of the Veterinary Information Hub

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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

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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)

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Recognition

- OIE, FAO
- SADC
- AU-IBAR
- IAEA

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Accreditation

- South African Veterinary Council
- SADC?, AU?
- EU, UK, USA

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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
OIE 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 – notebooks, 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



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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 of Transboundary Animal Diseases including Avian Influenza
Building a critical mass	Regionally and in-country (short workshops disallow critical mass)
International pool of expert trainers/mentors	To develop core training programmes and provide communication leadership
Collaborative venture of SADC stakeholders	To develop an international distance learning platform with FAO and SADC partners



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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 embodied 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



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CPD: South African Veterinary Council



- CPD Accreditation Committee**
 - Refine Council's policy
 - Refine guidelines and regulations
 - Accredit applications
 - Monitoring CPD points
- Accredited service provider**
 - Organisation
 - Company
 - Individual

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



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CPD: South African Veterinary Council



- Requirements**
 - Veterinary Professionals registered with Council on **1 April 2006** have to **log and submit 60 points per three-year cycle**
 - 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



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CPD: Point allocation



- Structured activities** (20 points in 3 year cycle)

Type of structured activity	Points	Maximum per 3 year cycle
CPD courses/ conferences, seminars	1 point for first hour/part thereof, thereafter 1 point per hour	None
First presentation/publication of refereed papers	5 points	None
First presentation/publication of non-refereed papers	3 points	None
First presentation/publication of papers for lay public	2 points	None
Correspondence courses, audio / video / CD / web	Specific to course	None
Written assessment tests	1 point per test	None
Lecture preparation/presentation undergraduate	1 point for 1st hour per course	None
Lecture preparation/presentation postgraduate	2 points for 1st hour per course	None
Masters promoter	5 points	None
PhD promoter	10 points	None
Examinations	2 points per day/ part thereof	10 points
Review of scientific articles/books	2 points per item	10 points
Policy/curriculum defence	2 points per day/ part thereof	10 points
Inquiry bodies/expert witness	2 points per day/ part thereof	10 points



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CPD: Point allocation

- Unstructured activities (40 points in 3 year cycle)

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

Recording of CPD activities

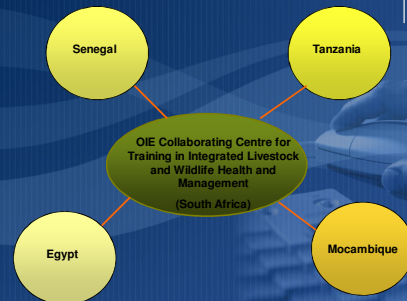
- Logbook is kept of CPD activities and vets must keep record and retain documented proof of their involvement in these activities
- Record must be kept of the nature, scope and duration of unstructured activities
- Summary of activities must be submitted to SAVC annually when membership fee is due
- 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:

- Deferment 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 DVTB Team

