

CURRICULUM VITAE OF CONCHITA MILBURN

PERSONAL DETAILS

SURNAME : MILBURN
FIRST NAMES : CONCHITA DA SILVA
IDENTITY NUMBER : 7705200254081
NATIONALITY : SOUTH AFRICAN
POSTAL ADDRESS : 29 CRADOCK STREET
GRAAFF REINET
EASTERN CAPE
6280
TELEPHONE NUMBER : +27790716855
EMAIL ADDRESS : apache77@webmail.co.za
DATE OF BIRTH : 20 MAY 1977
GENDER : FEMALE
HOME LANGUAGE : ENGLISH
OTHER LANGUAGES : AFRIKAANS
DRIVER'S LICENSE : CODE 08
OWN TRANSPORT : YES
PREPARED TO TRAVEL : YES
COMPUTER SKILLS : MS WORD, EXCEL, POWERPOINT

EDUCATION

TERTIARY : B.Sc (UCT) 1998
MAJOR SUBJECTS : OCEANOGRAPHY and ZOOLOGY
1ST YEAR: Cell Biology
Plant Biology
Chemistry
Physics
Environmental and Geographical Science
Mathematics
Animal diversity and evolution
2ND YEAR: Synoptic Climatology
Biological Modelling
Microbiology
Biochemistry
Physical Oceanography
Zoology
3RD YEAR: Ocean and Atmospheric Science

Zoology
Marine Ecology

COURSES

**MARICULTURE TRAINING,
FUJIAN INSTITUTE OF OCEANOGRAPHY
XIAMEN, CHINA**

12 May until 15 August 2015

Theoretical knowledge and practical experience obtained on the following:

- Artificial breeding and farming technology of Grouper
- Cultivation Technology of Living feed
- Scallop farming technology
- Abalone Farming technology
- Artificial breeding and selective culture technology of Abalone
- Artificial breeding and farming technology of Ovate Pompano
- Sea Algae culture
- Oyster farming technology
- Cultivation Technology of Mud Crab
- Culture Technology of Sea Cucumber
- Culture Technology of Large Yellow Croaker
- Land based circulative aquaculture technology
- Artificial Breeding and Culture technology of Shrimp
- Industrialised Breeding of shrimp
- Lobster farming technology
- Disease diagnosis, Prevention and Treatment of fish and shrimps
- Processing and packaging at the Fujian Anjoy Food Co, Ltd
- Tilapia Culture Technology
- Artificial breeding technology of Tilapia
- Technology on Polyculture and High Production of Tilapia
- Tilapia Culture Technology in Large Water Surface
- Aquatic Feed Production Technology
- Marine biodiversity Protection and the sustainable development of the Mariculture Industry

STELLENBOSCH UNIVERSITY AQUACULTURE DIPLOMA-2015-

In progress

Module 1-Applied biology of aquaculture species

Module 2-Nutrition and feeding of Aquaculture species

Module 3-water ecology

Module 4-Production systems

Module 5-Fishprocessing

Module 6-Fish disease and fish health management

TWO OCEANS AQUARIUM VOLUNTEER COURSE, LEVEL 1&2	2010
LEVEL 3 FIRST AID	2008
VOLUNTEER WILDFIRE FIGHTING	2008
PADI OPEN WATER ONE	2007
CAPE TOWN PLANETARIUM STARFINDERS COURSE	2007

OTHER INTERESTS

ANIMAL WELFARE

HIKING (COMPLETED THE FISH RIVER CANYON AND OTTER TRAIL)

PHOTOGRAPHY

PADDLING (K1 AND K2)AND RIVER-RAFTING

SNORKELLING AND DIVING

ARTS AND THEATRE

YOGA

BIKING

TRAVELLING

ORNITHOLOGY

ASTRONOMY

EMPLOYMENT

1. BLUE-KAROO TRUST(BKT) CENTRAL SATELITE AQUACULTURE PROJECT (CSAP)

Graaff-Reinet
Eastern Cape

Position:	Initially Production Manager, later Aquaculture Training Manager
Duration:	April 2013 to 10 May 2015
Species farmed:	Clarias Gariepinus (African sharp-tooth catfish)

Responsibilities included:

A. Hatchery and Production Manager (Recirculation Aquaculture System)

- Plan and organize production schedules and budgets
- Take effective operational corrective action as and when required.
- Manage all aquaculture staff on site.(19 at present)
- Continuous Professional Development
- Performance management
- Quality control and management
- Best management practises
- Undertake broodstock management and improvement.
- Ensure breeding is performed regularly to supply the requirements of the rearing facilities on site, and ultimately off site as well.
- Harvest and undertake movement of fish.
- Monitor and ensure that fish growth and survival is excellent at all life stages.
- Monitor and ensure water quality remains to standard in all systems at all times.
- Monitor and ensure efficient feed usage (agreed food conversion ratios).
- Order feed and ensure effective stock control based on FIFO.

- Select, order and purchase materials as per agreed and approved budget.
- Plan and execute the repair and maintenance of production equipment.
- Manage and keep detailed records of all fish stocks on site daily.
- Ensure all procedures and protocols are followed with regard to daily, weekly and monthly operational tasks and record keeping in the required format.
- Report on all areas of responsibility in the required format and time frame.
- Highlight areas of concern immediately.
- Manage fish health.
- Identify, refine and implement methods of improving productivity and efficiency.
- On-going training of aquaculture staff through lectures and mentorship. Maintain clean, tidy and efficient aquaculture systems on site.
- Manage all stocks and supplies.
- Quality Control
- Ensure high standards of biosecurity
- Project planning

B. Aquaculture Training Manager

Once trainees have completed their AET (Adult education and training), they formally become Apprentices and start the vocational part of their training along with a rich collection of life skills training and work orientation success. Successful trainees are awarded with an AgriSETA qualification in Animal Production at NQF Level 1 (SAQA Qualification ID: 48970).

I was responsible for the coordination of the following training material being delivered:

Vocational skills obtained for farming: all unit standards related to National Qualification in Animal Production at NQF Level 1

I trained the vocational skills. I taught a four month Aquaculture course of theory and practical training developed by Aquaculture Innovations. I incorporated this material alongside the animal production material to prepare trainees for their assessments and to successfully complete their NQF Level 1 Animal Production Qualification.

I compiled and submitted regular training reports required by funders.

I also carried out daily performance management of staff, with regular feedback sessions.

C. Research and development

I briefly managed experiments conducted in terms of breeding, grow-out (specific growth rates, feed conversion ratios), euthanasia for harvesting techniques. The farm team designed the experiments, the trainees conducted the experiments, and we reported on the findings. Each experiment is conducted in order to assess how to optimize processes and inputs on the farm.

D. Environmental Control Officer:

I ensured that the company adhered to the Environmental Management Plan (EMP), and Environmental Authorisation.

I was responsible for environmental on-site training and for submitting a monthly Environmental Report to the Department of Economic Development, Environmental Affairs and Tourism (DEDEAT).

2. XIBAHA TILAPIA FISH FARM

www.xibaha.com

Vilanculos

Mozambique

Position : Hatchery and Production Manager

Employment duration : March 2011 to March 2013

Species farmed:

Nile Tilapia (*Oreochromis niloticus*)

Mozambique Tilapia (*Oreochromis mossambicus*)

Duties:

- General management of staff
- Training of staff, visiting students, and Government Fisheries Researchers.
- Management of breeding cohorts, the Hatchery and grow-out facility.
- Project planning

Hatchery:

Reception of eggs, incubation of eggs to fry, monitoring of temperature, salinity and filtration system. Quality control.

Treatment tanks:

Sex-reversal hormone production and administering for 21 day period; monitoring of water quality and subsequent water-exchanges. Quality control.

Laboratory:

Dissection of fish;
Microscopic analyses of sex tissue of fingerlings to determine the percentage of successfully sex-reversal fingerlings;
Microscopic analyses of water samples for algal content and parasites;
Chemical analyses of water samples.
Quality control.

Sales:

Preparation and packing of fingerlings for customers (for extended periods of transportation).

Breeding cohorts:

Establishing future generations of breeders to avoid inbreeding and selection of superior genetic stock.

Grow out Facility: (Cage system)

Involved in egg-collection;
Monitoring health of fish;
Conducting experiments regarding FCR (Food conversion ratio) and stocking density of fish;
Production of grow-out cages
Care of fingerlings and brood stock;
Size grading and selection of fingerlings;
Sexing of fish.

3. CAPE OF GOOD HOPE SPCA

(Society for the Prevention of Cruelty to Animals)

GRASSY PARK
CAPE TOWN
(021)700 4140

Postion : SENIOR INSPECTOR AND INSPECTORATE SUPERVISOR

Duration : JULY 2005-FEBRUARY 2011

Duties:

I fulfilled two positions. One as a **Senior Inspector** and the other as the **Inspectorate Supervisor**.

Duties as a **Inspectorate supervisor** basically involved supervision of seven inspectors at the time, with the aim of achieving high staff morale and low staff turnover. Responsibilities:

- Co-ordinate activities of inspectors
- Encourage and motivate inspectors
- Disciplining: counseling and initiation of procedures.
- Hiring of staff
- Growth, development and training of inspectors
- Handling of complaints from public regarding the inspectors

I interacted with:

- Internal staff
- Public
- Law Enforcement/SAPS
- Magistrates/Public prosecutors
- Media
- Department of Agriculture
- Animal welfare organizations
- Conservation and Environmental organizations
- Marine and Coastal Management

Duties and responsibility as a **Senior Inspector**:

I was trained to deal with domestic animals, research animals, security animals, wildlife (marine and terrestrial), farm animals and equine.

- Reacted to **emergencies, rescues** and **Disaster Management**:

Emergencies eg. Respond to animals injured by vehicle collisions, overloaded cart-horses etc, emergency euthanasia, and captive bolting.

Rescues eg. Respond to any situation from cats stuck up poles, to crows/seagulls stuck in telephone/electricity cables, to puppies in drains, to animals in canals, to marine mammal strandings, to seals with gut cutting into their necks, to porcupines in residential gardens etc.

Disaster management: taking animals in for safe-keeping from communities where floods/fires have occurred.

- **Rehabilitation:** eg. Of stranded seal pups (administering medication, feeding and care, and release)
- Undertake **investigations** involving cruelty/neglect as per complaints received
- **Educating** of community on correct animal care
- Accurate **record keeping** and **compiling reports**
- Dealing with **confiscations** and **prosecutions**
- Undertake **proactive inspections** of all animal housing establishments
- **Community outreach projects:** going into indigent communities, and educating the community on correct animal care, de-worming and dipping, and bringing animals in for further treatment if required and **sterilization**.
- Carrying out **standby after-hour duties**

- Ensuring that knowledge and skills are up to date
- Liaise with the Media
- Educate, monitor and correct re: animal transport, treatment, care, slaughtering, before and during religious festivals.
- Project planning

VOLUNTEER WORK:

- I spent two days a month volunteering with the “Behind the scenes Team” at Cape Town’s TWO OCEANS AQUARIUM, for the year 2010.
- Volunteer Wildfire Services-2009

REFERENCES:

Elsje Kay-Clough(Family friend)

0836915856

Elja@teamremax7.co.za

Moyo Ndukwana(Inspectorate Manager at COGH SPCA)

0836788460

Inspectorate@spca-ct.co.za

Christoph Schnell(Employer at Xibaha fish farm)

+258844360233

Cwschnell@gmail.com

Karen Pienaar (Colleague at Blue-karoo Trust)

0799347606

Admin@blue-karoo.co.za

I DECLARE THAT THE PARTICULARS FURNISHED ARE TRUE AND CORRECT.

C.MILBURN

22 May 2015