

## ABBREVIATED CV

### Van WYK, Jacobus Casparus Petrus (Jaco)

**Identity number** 680804 5041 08 4  
**Gender** Male  
**Date of birth** 4 August 1968  
**Nationality** South African  
**Home languages** Afrikaans, fluent in English  
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**Former position** Biology teacher, Wilgerivier High School, Free State.

**Present position** Co-Department Head, Environmental Education & Life Sciences, Waterkloof High School  
Consultant – Specialist Environmental Assessments, EIAs, writing, photo-recording

**Qualifications** **B.Sc.** (U.F.S.) **B.Sc. (Hon.)** (U.F.S.), **H.E.D** (U.O.F.S.), **M.Sc.** (U.F.S.)

**Honours** 1. Professional Natural Scientist (Zoology) – S.A Council for Natural Scientific Professions, Registration # 400062/09  
2. Foundation of Research Development bursary holder

**Notable Research Contribution** In-depth field study of the giant bullfrog  
**Notable Activities** Field excursions for learners  
**Formal Courses Attended** Outcomes Based Education, University of the Witwatersrand (2002)  
Introductory Evolution (2008)  
OBE, GET & FET training, 2002-2008, Education Department

**Employment history**  
**2000 – Present** Co-Department Head for Environmental Education & Life Sciences, Waterkloof High School, Pretoria.  
**1995 - 1999** Teach biology (Grades 8 – 12) and physics / chemistry (Grades 8 – 9) at the Wilgerivier High School, Free State. Duties include teaching, mid-level management and administration.  
**July 1994 – Dec 1994** Teaching botany practical tutorials to 1<sup>st</sup> year students at the Botany & Zoology Department of the Qwa-Qwa campus of the University of Free State, plant collecting, amphibian research  
**1993 - 1994** Mammal Research Institute research associate on the Prince Edward Islands; topics field biology and population dynamics of invasive alien rodents, three indigenous seals, invertebrate assemblages, censusing king penguin chicks and lesser sheathbills, and marine pollution  
**1991 - 1993** Laboratory demonstrator for zoological and entomological practical tutorials, and caring for live research material, University of the Free State  
**1986 - 1990** Wildlife management and eco-guiding, Mt. Everest Game Farm, Harrismith

**Professional Achievements** **Manage** the teaching of live sciences at a large high school  
**Research:** Author and co-author of 40 scientific publications in peer reviewed and popular subject journals, and 5 contractual EIA research reports. Extensive field work and laboratory experience in Africa

**Hobbies**

**Public Recognition:** Public speaking *inter alia* radio talks, TV appearances  
Popular writing, travel, marathon running, climbing (viz Kilimanjaro), photography, biological observations, public speaking.

