

CURRICULUM VITAE

GORDON VINCENT SIDNEY TURNER

PERSONAL DETAILS

Place of birth: Johannesburg Date: 8 April 1945

E-mail: vgturner1945@gmail.com

Family history:

Father: Sidney George Turner. (**Veterinarian** - Onderstepoort graduate)

Mother: Natalie Turner (nee Moorhouse)

Only child

Schooling: Dale College, King Williams Town (1956 – 1962)

PROFESSIONAL QUALIFICATIONS

BVSc	University of Pretoria	1967
DVPH	University of Pretoria	1974
MMedVet	University of Pretoria	1977
PhD	Texas A & M University	1982
MRCVS	Member Royal College Veterinary Surgeons	1982

Registered Specialist (1979) – American College of Veterinary Preventive Medicine
Registered Specialist – South African Veterinary Council (SAVC) Reg. No: S11/0793

PROFESSIONAL EXPERIENCE (Chronological order since Nov. 1967 to date)

Private Practice – 3 years (took over late father's practice)

Manager Cattle Ranch & Feedlot – 2 years

Veterinary Health Officer – Johannesburg Municipality (Meat/Milk) – 2 years

Academia – 1974 – June 1992

CURRENT POSITION

Private Consultant: Udder Health & Quality Milk Production (July 1992 to date).

First veterinarian in **private practice** to provide a veterinary service in South Africa and, possibly internationally, **solely** in the field of udder health and milk quality.

Based on the core area of epidemiology within the specialist qualifications of veterinary preventive medicine and the milk hygiene component of the MMedVet (Hyg) specialist degree combined with some entrepreneurship, a comprehensive udder health/milk quality program has been offered to over 400 dairy farmers and other sectors of the dairy industry in South Africa. At dairy farm level the program involves a detailed evaluation of farm and herd management for any factors possibly contributing to udder health problems, recommending appropriate preventive/control measures and implementing a continuous monitoring system that utilizes a custom designed/patented computer program to correlate specific herd and laboratory data. (A veterinarian being registered as a specialist in two different countries simultaneously is unique).

ACADEMIC EXPERIENCE

Positions held:

Senior lecturer: Dept. Veterinary Public Health, Fac. Vet. Science, Onderstepoort, UP
1974 – 1977

Assistant Professor (part-time): Dept. Veterinary Public Health, College Veterinary
Medicine, Texas A&M University 1978 – 1982

Senior lecturer: Dept. Veterinary Public Health, Fac. Vet Science, Onderstepoort, UP
1983 – 1984

Associate Professor (Epidemiology): Dept. Infectious Diseases, Fac. Vet. Science,
Onderstepoort, UP 1985 – 1987 (**First** post established specifically in
Veterinary Epidemiology at Onderstepoort).

Professor & Head: Dept. Veterinary Public Health, Fac. Vet. Science, Onderstepoort
UP 1988 – June 1992

Subjects lectured – Undergraduate courses:

Veterinary Public Health; Milk/Meat Hygiene; Epidemiology; Veterinary Preventive
Medicine; Veterinary Aspects of Environmental Health; Udder Health to:

Veterinary Students at Faculty of Veterinary Science, Onderstepoort, UP;
Colleges of Veterinary Medicine at The Ohio State University, Michigan State
University & Texas A&M University.

Veterinary Public Health to **Biomedical Science Students**, Faculty of Science, Texas
A&M University.

Veterinary Food Hygiene and Zoonoses to **Medical Students**, Faculty of Medicine,
UP.

Subjects lectured – Post-graduate courses:

Veterinary Public Health; Epidemiology to **Veterinarians** in BVSc (Hons) and
MMedVet (Hyg) degree programs at Faculty of Vet. Science, Onderstepoort,
UP.

Veterinary Public Health to **Diploma of Community Health Students**, Faculty of
Medicine, UP.

External Examiner:

Undergraduate students: Anatomy, Faculty of Vet. Science, Onderstepoort

Post-graduate students: MMedVet (Hyg); MSc (Agric) – Meat Science, UP.

Thesis: MMedVet (Med); PhD (Faculty Vet. Science, Onderstepoort, UP).
Masters Diploma in Technology, Witwatersrand Technikon;

Post-graduate students' promotor:

For following degrees at University of Pretoria: BVSc (Hons); MMedVet
(Hyg); MedVet (Med); MMedVet (LAS); DVSc.

Area of Research Interest:

Epidemiology, with special reference to diseases and conditions in food
animals of economic importance.

Research conducted in following areas:

Porcine arthritis; subclinical mastitis in dairy cows; leptospirosis in cattle &
pigs; Toxoplasma antibodies in cattle, sheep & pigs; zearalenone residues in poultry;
abattoir condemnation data; feasibility of a comprehensive mastitis control program
under South African conditions.

Scientific Publications:

Title MMedVet (Hyg) thesis: The aetiology, nature and public health significance of arthritis in pigs at a South African abattoir. **Univ. Pretoria**

Title PhD dissertation: High pressure liquid chromatographic detection of zearalenone in chicken tissue. **Texas A&M University, USA**

Title of Inaugural Address as Professor & Head, Department Veterinary Public Health, Faculty Veterinary Science, Onderstepoort, Univ. Pretoria: Veterinary Public Health an Integral Component of Herd Health? University of Pretoria Series No. 276, VAN SCHAIK'S (Pty) Ltd, Pretoria

Author of Chapter: Zoonotic Diseases, Textbook: Companion Bird Medicine 1987. Ed. EL Burr, Iowa State Press.

Co-author of Chapter: Toxoplasmosis. Textbook: Infectious Diseases of Livestock. 1994. Editors JAW Coetzer *et al*, Oxford University Press.

35 articles in **peer-reviewed Scientific Journals** eg. *Journal of Environmental Science and Health*; *Journal of the Association of Official Analytical Chemists*; *Onderstepoort Journal of Veterinary Research*; *Acta Veterinaria Scandinavia*; *Journal of the South African Veterinary Association*

Numerous articles in **non-refereed publications** for general circulation eg. Series of 15 articles on Udder Health, Ads & Agri Magazine, Agri Mega Promotions (Pty) Ltd Paarl, RSA; articles in The Dairy Mail.

General Publications:

Co-author: Task analysis and curriculum planning guide for veterinary hygiene. Teachers & Practitioners of Food Hygiene and US Dept. of Agriculture, Knoxville, Tennessee, USA.

Co-author: Guidelines for the Use & Interpretation of Bovine Somatic Cell Counts (SCC) in the Dairy Industry. Bulletin of the International Dairy Federation (IDF) No. 466/2013

Co-author: Guide to Good Dairy Farming Practice. IDF/FAO Project Group, Rome.

PAPERS PRESENTED

Presented in excess of 30 **scientific papers** at meetings and congresses **nationally** and **internationally** eg. South African Veterinary Association Congresses (various venues); International Symposium on Veterinary Epidemiology & Economics, **Singapore**; XL World Veterinary Congress, **Montreal**, Canada; American Veterinary Medical Association Convention, **Washington DC**, USA; World Congress on Diseases of Cattle, **Durban**, RSA; International Symposium on Veterinary Epidemiology & Economics, **Copenhagen**, Denmark; XXIV World Veterinary Congress, **Rio de Janeiro**, Brazil; Texas Veterinary Medical Association Convention, **Houston**, Texas, USA; Fivet Congress, **Harare**, Zimbabwe.

Participated in numerous Dairy Farmers' Days and Dairy Farmer Study Groups

RECOGNITION & AWARDS

Method developed in PhD research listed above was adopted by The Association of Official Analytical Chemists as the official method for the detection of zearalenone in chicken tissue in (USA).

Co-ordinated establishment of masters degree in laboratory animal science, MMedVet (LAS), Dept. Veterinary Public Health, Faculty Vet. Science, UP

Instigated appointment of Dr John Bleby, Royal Veterinary College, London, as **Professor Extraordinaire** in Dept. Veterinary Public Health, Faculty of Veterinary Science, Onderstepoort, UP.

Department of Veterinary Public Health Award for outstanding performance in teaching, research and public service (College of Vet. Medicine, Texas A&M University)

Certificate of Appreciation, Graduate Student Council, Texas A&M University

Inducted into Honour Society of Phi Zeta, Eta Chapter, USA

Nominee for: Who's Who Among Students in American Universities & Colleges.

SPECIAL INVITATIONS

Seminar: Care, use and welfare of laboratory animals. Medical Research Council (MRC) Laboratory Unit, Johannesburg, RSA.

International Workshop: Heartwater. Sponsored by Onderstepoort Veterinary Research Institute, held at Kruger National Park, South Africa.

Discussion panel: Input costs in the pig industry and Promotion and marketing of the pig carcass, Pig Development Association of Transvaal, Pretoria.

Workshop: Neurocysticosis. Sponsored by Merck (Pty) Ltd, Johannesburg.

Workshop: Mastitis. Sponsored by Beecham Animal Health, Mabula Lodge, RSA.

Discussion panel: New therapeutic drug, *Advocin*, Pfizer Animal Health, Midrand, RSA.

Discussion Panel: Mastitis Information Day, Intervet (Pty) Ltd, Howick, RSA

Opening Address: Pig Veterinary Society Congress, Pretoria, RSA.

OTHER PROFESSIONAL ACTIVITIES

In vivo efficacy testing:

Agrilaban intramammary mastitis vaccine, Agricura (Pty) Ltd;

Dye-labeled intramammary remedies: Hoechst Animal Health (Pty) Ltd;

Pfizer Animal Health (Pty) Ltd; Smith, Kline & French (Pty) Ltd.

Johannesburg.

Quantum Teat disinfectant, Branson Chemicals (Pty) Ltd, Johannesburg

Startvac injectable mastitis vaccine, Hipra Southern Africa, Johannesburg.

Review articles for the Journal of the South African Veterinary Association

Advisor to Meat Board, Pretoria - monitoring of abattoir condemnation data.

Assist Dr J Marnewick, Feedlot Consultant, in disease outbreak investigations, Free State feedlots, RSA

Expert Witness for clients, South African High Court, udder health related cases.

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PROFESSIONAL ORGANISATIONS

South African Veterinary Association (SAVA) (Honorary member)

Past Membership:

Public Health Group SAVA

Vets in Industry Group SAVA

Livestock & Production Group SAVA

Epidemiological Society of Southern Africa (ESSA) – founder member

South African Association for Food Science & Technology

Institute of Public Health (SA)

South African Association for Laboratory Animal Science

American Veterinary Medical Association

Central Ohio Veterinary Medical Association (USA)

Texas Veterinary Medical Association (USA)

Brazos Valley Veterinary Medical Association (USA)

Association of Teachers of Veterinary Public Health & Preventive Medicine (USA)

International Society of Veterinary Epidemiology & Economics (USA)

Society for Veterinary Epidemiology & Preventive Medicine (UK)

COMMITTEE MEMBERSHIP

Secretary/Treasurer – Public Health Group SAVA

Public Health Group (SAVA) representative to SA Vet. Council

Co-opted onto Education Committee of South African Veterinary Council (SAVC)

Sub-committee of Education Committee of SAVC to formulate registration requirements for Laboratory Animal Technologists

South African representative on Mastitis Committee of the International Dairy Federation (IDF), Brussels, Belgium

Member Program Committee 6th IDF International Mastitis Conference, Nantes, France

Member of Research Advisory Committee of Milk SA

MEMBERSHIP OTHER ORGANISATIONS

Rotary Club of Pretoria

Ayrshire Cattle Breeders' Association

Beefmaster Cattle Breeders' Association

Highveld Jersey Club

East Free State *Veld* Bull Club

Bushveld Hunters and Nature Conservation Association (Committee member)

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ADDITIONAL BUSINESS ACTIVITIES

Owner: Halcyon Ayrshire Stud

Owner: Dr GVS Turner & Son Beefmasters

Principal: Golden Properties Estate Agency

Partner: Ricprop Realty

EXTRAMURAL ACTIVITIES & OUTSIDE INTERESTS

Early years – Long distance athlete at school (**Junior Victor Laudorum**);
Represented Natal & Pretoria Universities in Cross Country;
Member Natal Junior Cross Country team;
Hunting & fishing with father.

Middle age – Breeding own stud cattle; hunting; fishing; golf; reading/studying
“personal management” books.

Latter years – quality time with close family; nature conservation; walking;
reading “personal management” books; maintaining a special
interest in the veterinary profession and become involved, where
possible, so as to “plough something back into the profession that
has provided me with so much satisfaction and pleasure”; watching
sport and nature orientated TV programs.

Favourite quotes:

“Our life is what our thoughts make it” – Marcus Aurelius (Roman Emperor)

“Think – Win/Win” – Stephen R. Covey

PER ARDUA AD ASTRA

(Dale College motto: *Through hard work to the stars*)

26 June 2020