

UNIVERSITY OF PRETORIA

FORMAT OF CURRICULUM VITAE

The University prefers the following CV format. Specific items can be added to or omitted to reflect Faculty specific and/or individual circumstances, but the given numbering should, as far as possible, be followed to facilitate the evaluation process.

Provision of information about race and gender is optional, but will assist the University to report in terms of current Employment Equity legislation.

1. BIOGRAPHICAL SKETCH

1.1 GENERAL INFORMATION									
Surname	Madekurozwa								
First names	Mary-Cathrine Nyasha				ID Number		6809051209086		
Citizenship	South African				Title	Prof	Female	X	Male
Place of birth	Lusaka, Zambia				Date of birth		05/09/68		
Population group	African	X	Coloured		Indian		White		Other <i>(Please specify)</i>
Department	Veterinary Anatomy & Physiology				Position		Full Professor		
Direct Telephone	012 529 8417				Direct Telefax		012 529 8320		
E-mail	mary.madekurozwa@up.ac.za								
Date of appointment	01/04/02				Permanent full-time		X	Temporary full-time	

1.2 ACADEMIC QUALIFICATIONS OBTAINED				
Degree/ Diploma	Field of study	Higher education institution	Year	Distinctions
PhD	Veterinary Anatomy	University of Glasgow, UK	1997	
BVSc	Veterinary Science	University of Zimbabwe	1992	
BSc (Hons.)	Veterinary Anatomy	University of Zimbabwe	1990	

3. TEACHING OUTPUTS

3.1 Educational publications and products

Provide full details including full titles, names of all the authors, publishers, dates, page numbers etc. Specify your exact contribution to the publications or products. Note that the publications here should be of a didactic nature e.g. articles in educational publications, papers presented at educational conferences, etc. A summary and description of educational products developed can be provided (e.g. study guides, learning materials, multimedia productions (CDs), educational videos, web materials, text books etc.) relevant to university education.

4. OTHER TEACHING CONTRIBUTIONS

4.1 Membership of national and international bodies

List all the teaching associations or societies to which you belong. Name your involvement, e.g. honorary member, founder member, full member, chairman, president, secretary.

4.2 Visits to local and overseas universities as guest professor or lecturer in regard to teaching

Provide details

In 2007 I spent 3 weeks in the Department of Anatomy and Physiology, Swedish University of Agricultural Sciences in Uppsala. I presented lectures and assisted in practicals in gross anatomy and histology.

4.3 Participation in national and international teaching associations, bodies, committees

List all memberships of associations and bodies, as well as teaching committees (e.g. curriculum and assessment committees, teaching review committees, etc) in which you participate. Name the type and extent of participation.

I serve on the Faculty's Postgraduate Committee. Members of the committee evaluate the

protocol titles and external examiners for masters and doctorate candidates.

5. POSTGRADUATE SUPERVISION

5.1 Supervision or co-supervision of students who have completed degrees

Name of student	Degree ¹ /Title of dissertation/ thesis and date completed	Supervisor	Co-supervisor(s)	Duration of studies (years)
Wahabu Kimaro	Masters research An immunohistochemical and ultrastructural study of the ovary of the immature ostrich (<i>Struthio camelus</i>) November 2005. Awarded degree with a distinction. Five publications have emanated from the dissertation.	M-C Madekurozwa		2 years
Peter Ozegbe	Post-doctoral fellow Aspects of the histology, immunohistochemistry and ultrastructure of the testis and its excurrent ducts in the ostrich (<i>Struthio camelus</i>) March 2007	T.A. Aire	M-C. Madekurozwa J.T. Soley	2 years
Wahabu Kimaro	PhD research Morphological study of the effect of the cytoskeletal disrupting agent carbendazim on the oviduct of the Japanese quail (<i>Coturnix coturnix japonica</i>)	M-C Madekurozwa	H.B. Groenewald	5 years

¹ Indicate whether Honours, Masters research, Masters coursework with dissertation or Doctorate

5.2 Current post-graduate students					
Name of student	Degree² enrolled for and date of first registration	Project title	Supervisor	Co-supervisor(s)	Year of registration
Muhammed Bello Umar	Doctorate		M-C. Madekurozwa	H.B. Groenewald A.Arukwe T.A. Aire	Third

² Indicate whether Honours, Masters research, Masters coursework with dissertation or Doctorate

6. RESEARCH FUNDING

6.1 Obtaining research funds (Optional)			
Origin of research funds <i>(e.g. contract research, THRIP, international funding organisations, other(s))</i>	Title of research project or programme	Duration	Money allocated (R) (Optional - exact amounts not required)
NRF Thuthuka programme	A study of the nerve distribution and ultrastructure in the ovary and oviduct of the Japanese quail, domestic fowl, emu and ostrich	2004 to 2009	R100 000
Research Development programme	A study of the nerve distribution and ultrastructure in the ovary and oviduct of the Japanese quail, domestic fowl, emu and ostrich	2003 to 2006	R60 000
Faculty Research Committee	An ultrastructural and immunohistochemical study of the oviduct in the ostrich, <i>Struthio camelus</i>	ongoing	R15 000
South African Veterinary Foundation	Ultrastructural and immunohistochemical study of the effects of carbendazim on the female reproductive tract of the Japanese quail (<i>Coturnix coturnix japonica</i>)	2007 to 2012	R25 000

7. RESEARCH OUTPUTS

7.1 Publications in peer-reviewed or refereed journals

Provide full details of each publication, including full titles, names of all the authors, journals, dates, page numbers etc.

Madekurozwa M-C. (2013). An immunohistochemical study of the oviduct in the domestic fowl (*Gallus domesticus*). *Anatomia Histologia Embryologia*. 42: 48-56.

Madekurozwa M-C. (2013). Post-hatch changes in the immunoexpression of desmin, smooth muscle actin and vimentin in the testicular capsule and interstitial tissue of the Japanese quail (*Coturnix coturnix japonica*). *Anatomia Histologia Embryologia*. In press. doi: 10.1111/ahe.12024.

Madekurozwa M-C. (2012). An immunohistochemical study of ovarian follicle histogenesis in the early post-hatch Japanese quail (*Coturnix coturnix japonica*). *Anatomia Histologia Embryologia*. 41: 79-86.

Madekurozwa M-C., Oke B.O. and Akinloye A.K. (2010). The immunohistochemical localization of desmin and smooth muscle actin in the ovary of the African giant rat (*Cricetomys gambianus*) during the oestrous cycle. *Anatomia Histologia Embryologia*. 39: 81-86.

Ozegbe P.C., Kimaro W., **Madekurozwa M-C.**, Soley J.T. and Aire T.A. (2010). The excurrent ducts of the testis of the emu (*Dromaius novaehollandiae*) and ostrich (*Struthio camelus*): microstereology of the epididymis and Immunohistochemistry of its cytoskeletal systems. *Anatomia Histologia Embryologia*. 39:7-16.

Madekurozwa M-C., Oke B.O. and Akinloye A.K. (2009). Immunohistochemical localization of the progesterone and oestrogen α receptors in the uterine horns of the African giant rat (*Cricetomys gambianus*). *Anatomia Histologia Embryologia*. 38: 419-423.

Madekurozwa M-C. (2008). A gross anatomical and histo-morphological study of the vagina of the emu (*Dromaius novaehollandiae*) and ostrich (*Struthio camelus*). *Australian Journal of Experimental Agriculture*. 48: 1332-1337.

Madekurozwa M-C. and Kimaro W.H. (2008). An ultrastructural characterization of the ooplasm in ovarian follicles of the immature ostrich (*Struthio camelus*). *Anatomia Histologia Embryologia*. 37: 214-218.

Madekurozwa M-C. and Kimaro W.H. (2008). Ultrastructural features of atretic follicles in the immature ostrich (*Struthio camelus*). *Anatomia Histologia Embryologia*. 37: 309-313.

Madekurozwa M-C. (2008). An immunohistochemical study of ovarian innervation in the emu (*Dromaius novaehollandiae*). *Onderstepoort Journal of Veterinary Research*. 75: 59-65.

Ozegbe P.C., Aire T.A., **Madekurozwa M-C.** and Soley J.T. (2008). Morphological and immunohistochemical study of testicular capsule and peritubular tissue of emu (*Dromaius novaehollandiae*) and ostrich (*Struthio camelus*). *Cell and Tissue Research*. 332: 151-158.

Aire T.A., Ozegbe P.C., Soley J.T. and **Madekurozwa M-C.** (2008). Structural and immunohistochemical features of the epididymal duct unit of the ostrich (*Struthio camelus*). *Anatomia Histologia Embryologia*. 37: 296-302.

Madekurozwa M-C. (2007). An immunohistochemical study of the distribution of intermediate filaments in the ovary of the emu (*Dromaius novaehollandiae*). *Anatomia Histologia Embryologia*. 36: 336-342.

Madekurozwa M-C. (2007). Ultrastructural features of the uterus in the sexually immature ostrich (*Struthio camelus*) during periods of ovarian inactivity and activity. *Onderstepoort Journal of Veterinary Research*. 74: 209-216.

Madekurozwa M-C. and Kimaro W.H.. (2006). A morphological and immunohistochemical study of healthy and atretic follicles in the ovary of the sexually immature ostrich (*Struthio camelus*). *Anatomia Histologia Embryologia*. 35: 253-258.

Kimaro W.H. and **Madekurozwa M-C.** (2006). Immunoreactivities to protein gene product 9.5, neurofilament protein and neuron specific enolase in the ovary of the sexually immature ostrich (*Struthio camelus*). *Experimental Brain Research*. 173: 291-297.

Madekurozwa M-C. (2006). Immunoreactivities to protein gene product 9.5, neurofilament protein and neuron specific enolase in nerves in the oviduct of the sexually immature ostrich, *Struthio camelus*. *Onderstepoort Journal of Veterinary Research*. 73: 131-137.

Madekurozwa M-C. and Kimaro W.H.. (2006). Ultrastructural features of the follicular wall in developing follicles of the sexually immature ostrich (*Struthio camelus*). *Onderstepoort Journal of Veterinary Research*. 73: 199-205.

Madekurozwa M-C. (2005). Morphological features of the luminal surface of the magnum in the sexually immature ostrich (*Struthio camelus*). *Anatomia Histologia Embryologia*. 34: 350-353.

Madekurozwa M-C. (2004). Immunohistochemical localization of the progesterone and oestrogen receptors in the shell gland of sexually immature ostriches (*Struthio camelus*) with active and inactive ovaries. *Research in Veterinary Science*. 76: 63-68.

Madekurozwa M-C. (2002). Progesterone and oestrogen receptor immunoreactivity in the vagina of the immature ostrich, *Struthio camelus*. *British Poultry Science*. 43: 450-456.

Madekurozwa M-C. (2002). A study of the immunohistochemical localization of the progesterone and oestrogen receptors in the magnum of the immature ostrich, *Struthio camelus*. *Anatomia Histologia Embryologia*. 31: 317-320.

Madekurozwa M-C., Chabvepi T.S., Matema S. and Teerds K.J. (2002). Relationship between seasonal changes in spermatogenesis in the juvenile ostrich (*Struthio camelus*) and the presence of the LH receptor and 3-beta hydroxysteroid dehydrogenase. *Reproduction*. 123: 735-742.

Madekurozwa M-C., Purton M., MacMillan I. and Boyd J.S. (2000). Horn innervation in the calf: an immunohistochemical study. *Zimbabwe Veterinary Journal*. 31:21-27.

Madekurozwa M-C., Purton M., and Boyd J.S. (2000). Re-examination of horn innervation in cattle using the neurotracer, Fluorogold. *Zimbabwe Veterinary Journal*. 31: 65-71.

Madekurozwa M-C. and Teerds K.J. (1999). Seasonal changes in the immunolocalization of the LH receptor in the gonads of the juvenile ostrich (*Struthio camelus*). *Zimbabwe Veterinary Journal*. 30:112

Akingbemi B.T., **Madekurozwa M-C.**, Aire T.A., Ruziwa S.D., Joshua R.A. and Chabbra R.C.. (1997). Some aspects of male reproductive capacity in small ruminants of Zimbabwe. *Zimbabwe Veterinary Journal*. 28:30

Akingbemi B.T., **Madekurozwa M-C.** and Joshua R.A. (1995). Evaluation of some reproductive parameters in

Mashona goats experimentally infected with *Trypanosoma congolense*. *Zimbabwe Veterinary Journal*. 26: 1-10.

Akingbemi B.T., **Madekurozwa M-C.** and Joshua R.A. (1995). Effect of chemotherapy on some haematological and serum biochemical parameters in Mashona goats experimentally infected with *Trypanosoma congolense*. *Bulletin of Animal Health and Production in Africa*. XLIII: 269-275.

7.2 Books and/or chapters in books

Provide full details, including full titles, names of all the authors, publishers, dates, page numbers etc. Specify your exact contribution to the book e.g. editorial role, co-author

7.3 Published full-length conference papers/keynote addresses

Provide full details of each publication, including full titles, names of all the authors, journals, dates, page numbers etc.

7.4 Non-refereed publications or popular articles

Provide full details of each publication, including full titles, names of all the authors, journals, dates, page numbers etc.

7.5 Patents

Provide full details of provisional or full patents

7.6 Technical reports

Provide full details.

8. OTHER SCHOLARLY RESEARCH-BASED CONTRIBUTIONS

8.1 Participation in conferences, workshops and short courses - specify type of contribution

Provide full details of participation in national and international conferences etc

8.1.1 National

Madekurozwa M-C. (2009). Development of smooth muscle cells in the ovary of the Japanese quail (*Coturnix coturnix japonica*). 47th Conference of the Microscopy Society of Southern Africa.

Madekurozwa M-C. and Aire T.A. (2008). Effect of carbendazim (methyl-2-benzimidazole carbamate) on the testicular interstitial tissue of the Japanese quail (*Coturnix coturnix japonica*). 46th Conference of the Microscopy Society of Southern Africa.

Kimaro W.H.and **Madekurozwa M-C.** (2008). Histological and ultrastructural study of the effect of carbendazim (methyl-2-benzimidazole carbamate) on the magnum and shell gland of the Japanese quail (*Coturnix coturnix japonica*). 38th Conference of the Anatomical Society of Southern Africa.

Madekurozwa M-C. and Kimaro W.H. (2007). An ultrastructural study of vitellogenesis in the immature ostrich

(*Struthio camelus*). 37th Conference of the Anatomical Society of Southern Africa.

Madekurozwa M-C. (2007). Gross anatomical and ultrastructural aspects of the vaginal region in the oviduct of the emu (*Dromaius novaehollandiae*). 37th Conference of the Anatomical Society of Southern Africa.

Madekurozwa M-C. (2007). Immunoreactivities to desmin, vimentin, smooth muscle actin and neurofilament protein in the ovary of the emu (*Dromaius novaehollandiae*). 37th Conference of the Anatomical Society of Southern Africa.

Madekurozwa M-C. (2006). Ultrastructural features of the shell gland in the immature ostrich (*Struthio camelus*). 45th Conference of the Microscopy Society of Southern Africa.

Madekurozwa M-C. (2006). An immunohistochemical study of the innervation of the ovary in the emu (*Dromaius novaehollandiae*). 45th Conference of the Microscopy Society of Southern Africa.

Ozegbe P.C., Aire T.A., **Madekurozwa M-C.** and Soley J.T. (2006). Morphological and immunohistochemical characterization of the testicular capsule and peritubular tissue of ratite birds. 45th Conference of the Microscopy Society of Southern Africa.

Kimaro W.H. and **Madekurozwa M-C.** (2005). An immunohistochemical study of the innervation of the ovary in the sexually immature ostrich. 44th Conference of the Microscopy Society of Southern Africa.

Kimaro W.H. and **Madekurozwa M-C.** (2005). Ultrastructural features of healthy and atretic ovarian follicles in the sexually immature ostrich. 44th Conference of the Microscopy Society of Southern Africa.

Kimaro W.H. and **Madekurozwa M-C.** (2005). The ultrastructure of gland cells in the ovary of the sexually immature ostrich. 44th Conference of the Microscopy Society of Southern Africa.

Kimaro W.H. and **Madekurozwa M-C.** (2004). Distribution of intermediate filament proteins in healthy and atretic ovarian follicles in the immature ostrich, *Struthio camelus*. 43rd Conference of the Microscopy Society of Southern Africa.

Madekurozwa M-C. (2003). An immunohistochemical study of the distribution of nerve fibres in the oviduct of the ostrich, *Struthio camelus*. 33rd Conference of the Anatomical Society of Southern Africa.

Madekurozwa M-C. (2001). The immunohistochemical localization of the progesterone and estrogen receptors in the sperm storage tubules of the immature ostrich, *Struthio camelus*. Proceedings of the Zimbabwe Veterinary Congress. Nyanga. Zimbabwe.

Madekurozwa M-C., Chabvepi T.S., Matema S. and Teerds K.J. (2000). Sexual maturation of the male juvenile ostrich (*Struthio camelus*): an immunohistochemical study. Proceedings of the Zimbabwe Veterinary Congress. Nyanga. Zimbabwe.

Madekurozwa M-C., MacMillan I., Purton M.D. and Boyd J.S. (2000). The development and degeneration of

hair innervation in the bovine and caprine horn buds. Proceedings of the Zimbabwe Veterinary Congress. Nyanga. Zimbabwe.

Madekurozwa M-C., Purton M.D. and Boyd J.S. (1999). Horn innervation in the calf: an immunohistochemical study. Proceedings of the Zimbabwe Veterinary Congress. Kariba. Zimbabwe.

Madekurozwa M-C., Chabvepi T.S., Matema S. and Akingbemi B.T. (1999). Seasonal morphological changes in the ovary of the juvenile ostrich (*Struthio camelus*) in Zimbabwe. Proceedings of the Zimbabwe Veterinary Congress. Kariba. Zimbabwe.

Madekurozwa M-C., Chabvepi T.S., Matema S. and Akingbemi B.T. (1999). Seasonal morphological changes in the testis of the juvenile ostrich (*Struthio camelus*) in Zimbabwe. Proceedings of the Zimbabwe Veterinary Congress. Kariba. Zimbabwe.

Madekurozwa M-C., Purton M.D. and Boyd J.S. (1997). An investigation of horn innervation in the bovine. Proceedings of the Zimbabwe Veterinary Congress. Triangle. Zimbabwe.

8.1.2 International

Madekurozwa M-C. (2012). Immunolocalization of cytoskeletal proteins and the basement membrane marker laminin in the oviduct of the domestic fowl (*Gallus domesticus*). 10th International Congress on Cell Biology. Rio de Janeiro, Brazil.

Madekurozwa M-C. (2010). Post-hatch development of immunoreactivity to vimentin, desmin, smooth muscle actin and laminin in the ovarian cortex of the Japanese quail (*Coturnix coturnix japonica*). International Anatomical and Cell Biology Conference. Singapore,

Kimaro W.H. and **Madekurozwa M-C.** (2010). Effect of carbendazim (methyl-2-benzimidazole carbamate) on the shell gland of the Japanese quail (*Coturnix coturnix japonica*). International Anatomical and Cell Biology Conference. Singapore,

Madekurozwa M-C. and Aire T.A. (2010). Effect of carbendazim (methyl-2-benzimidazole carbamate) on the testicular interstitial tissue of the Japanese quail (*Coturnix coturnix japonica*). International Anatomical and Cell Biology Conference. Singapore,

Madekurozwa M-C. and Akinloye A.K. (2009). Immunohistochemical localization of cytokeratin and the receptors to progesterone, oestrogen alpha and androgen in the vaginal epithelium of the African giant rat (*Cricetomys gambianus*, Waterhouse). 17th Conference of International Federation of Associations of Anatomists. Cape Town, South Africa.

Akinloye A.K., **Madekurozwa M-C.** and Oke B.O. (2009). Immunohistochemical study of the receptors to progesterone, oestrogen alpha and androgen in the ovary of the African giant rat (*Cricetomys gambianus*, Waterhouse). 17th Conference of International Federation of Associations of Anatomists. Cape Town, South Africa.

Kimaro W.H. and **Madekurozwa M-C.** (2009). A morphological study of the effects of carbendazim on the infundibulum of the sexually mature Japanese quail (*Coturnix coturnix japonica*). 17th Conference of International Federation of Associations of Anatomists. Cape Town, South Africa.

Madekurozwa M-C. (2008). A gross anatomical and histo-morphological study of the vaginal region of the emu (*Dromaius novaehollandiae*) and ostrich (*Struthio camelus*). 4th International Ratite Science Symposium. Brisbane, Australia.

Madekurozwa M-C. (2005). A morphological and immunohistochemical study of developing and atretic follicles in the ovary of the sexually immature ostrich (*Struthio camelus*). 3rd International Ratite Science Symposium. Madrid, Spain.

Madekurozwa M-C. (2005). Immunoreactivities to protein gene product 9.5, neurofilament protein and neuron specific enolase in nerves in the oviduct of the sexually immature ostrich (*Struthio camelus*). 3rd International Ratite Science Symposium. Madrid, Spain.

Madekurozwa M-C. (2005). The immunohistochemical localization of the progesterone and estrogen receptors in the shell gland of the immature ostrich (*Struthio camelus*). 3rd International Ratite Science Symposium. Madrid, Spain.

Madekurozwa M-C. (2005). Morphological features of the luminal surface of the magnum in the sexually immature ostrich (*Struthio camelus*). 3rd International Ratite Science Symposium. Madrid, Spain.

W.H. Kimaro and **Madekurozwa M-C.** (2005). Immunoreactivity of protein gene product 9.5, neurofilament protein and neuron specific enolase in the ovary of the sexually immature ostrich (*Struthio camelus*). International Neuroscience Conference. Al Ain, United Arab Emirates.

Madekurozwa M-C. (2002). A scanning electron microscopic study of the magnum of the immature ostrich (*Struthio camelus*). 15th International Congress on Electron Microscopy. South Africa.

Madekurozwa M-C., Matema S., Chabvepi S. and Teerds K.J. (2001). Seasonal changes in the morphology of the testis of the immature ostrich (*Struthio camelus*). XVI International Symposium of Morphological Science. South Africa.

Madekurozwa M-C., Matema S., Chabvepi S. and Teerds K.J. (2001). An histological and immunocytochemical study of the ovary of the immature ostrich (*Struthio camelus*). XVI International Symposium of Morphological Science. South Africa.

Madekurozwa M-C. (2001). The immunohistochemical localization of the progesterone receptor in the sperm-storage tubules of the immature ostrich, *Struthio camelus*. XVI International Symposium of Morphological Science. South Africa.

Madekurozwa M-C., Chabvepi S. , Matema S. and Teerds K.J. (2000). Immunohistochemical localization of 3-beta hydroxysteroid dehydrogenase and the receptor to luteinizing hormone in the testis of the juvenile ostrich (*Struthio camelus*). 11th European Congress on Molecular and Cellular Endocrinology of the Testis. Brittany, France.

Madekurozwa M-C. and K.J. Teerds. (1999). Seasonal changes in the immunolocalization of the LH receptor in the gonads of the juvenile ostrich (*Struthio camelus*). 10th Symposium on Tropical Animal Health and Production. Utrecht, The Netherlands.

8.2 Teamwork and collaboration with others:

Other researchers (national and international)

I have developed a collaborative research project with Professor Oke (University of Ibadan, Nigeria) and Dr Akinloye (University of Agriculture, Abeokuta, Nigeria). With the aid of immunohistochemistry we are investigating morphological changes in the ovary and reproductive tract of the African giant rat (*Cricetomys gambianus*) during the oestrous cycle.

I am also working with Professor Tom Aire (St Georges University, Grenada) on the effect of the fungicide carbendazim on the testes and excurrent ducts of the Japanese quail.

Other research institutions (national and international)

Industry

8.3 Membership in national and international bodies

List all the scientific associations or societies to which you belong. Name your involvement, e.g. honorary member, founder member, full member, chairman, president, secretary

8.4 Visits to local and overseas universities or research institutes as guest professor or researcher

Details are required

In 2003 I received a Deutscher Akademischer Austauschdienst (DAAD) award, which enabled me to carry out research at the University of Munich, Germany, under the guidance of Professor Fred Sinowatz. I conducted research on the ultrastructural morphology of the oviduct in the immature ostrich.

I went on two research visits to Utrecht University, The Netherlands, in 2000 and 2001. In Utrecht I worked with Professor Katja Teerds on the immunohistochemical localization of the luteinizing hormone receptor and the enzyme 3-beta hydroxysteroid dehydrogenase in the testis of the ostrich.

9. ARTISTIC OUTPUTS (*if applicable*)

9.1 Provide full details of artistic outputs, including public reviews of work, coordinating reports by experts in the field, publisher, production company etc

10. MANAGEMENT AND ADMINISTRATIVE DUTIES

10.1 List your involvement in departmental activities (e.g. administrative functions), faculty (e.g. Faculty Committees) or other university activities.

11. COMMUNITY SERVICE OR PROFESSIONAL SKILLS

11.1 Outreach projects

(e.g. project titles, institutions and communities involved, etc.)

11.2 Professional service performed

(e.g. courses presented, lectures at professional associations/clubs, radio or TV appearances, outside expert or appointment committee, etc.)

Radio

I was interviewed on the SAfm programme, Otherwise, in 2008.

Television appearance

I was featured on the SABC programme, Special Assignment, in 2005.

Motivational talks

I was invited to give a talk to female grade 12 learners at the annual meeting of Women in Science and Engineering in Cape Town in 2007. In 2008 I was invited to Scifest (Grahamstown) to give a presentation to grade 11 and 12 learners.

11.3 Clinical service

(e.g. full detail of rank/level of joint appointment, level of clinical service rendering responsibilities, university administration and academic responsibilities, CPD involvement, clinical trials involvement, etc.)

11.4 Involvement with other universities/scientific institutions

(e.g. external examiner, editor of journal, advisory council, CSIR, SA Council for Scientific Professions)

I am a panel member of the NRF Specialist Committee for Animal and Veterinary Sciences.

11.5 Referee duties

(e.g. journals, dissertations/theses)

Reviewer for:

Tissue and Cell

Anatomia Histologia Embryologia

Ostrich

European Journal of Obstetrics & Gynecology and Reproductive Biology

Journal of Experimental Gerontology

Journal of the South African Veterinary Association

Turkish Veterinary Journal

12. AWARDS AND SCIENTIFIC/SCHOLARLY RECOGNITION

12.1 Evaluation status as scientist/scholar

(e.g. NRF; first evaluation and date, subsequent evaluations and dates)

I have a C2 NRF rating.

12.2 Research awards and prizes

Full details are required

Faculty of Veterinary Science, Young Researcher of the Year, 2006.

12.3 Teaching awards and prizes

Full details are required

12.4 Artistic awards and prizes

Full details required