

CURRICULUM VITAE

**GERHARD JOHANNES
VAN ZYL**

May 2014

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[2014]

1. PERSONAL DETAILS

SURNAME:	van Zyl
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PERSONNEL NO.:	072041

MARITAL STATUS: Married – 3 children
(7 years, 5 years and 1 year old)

SPOUSE: Miss. C van Zyl (Lategan)

CURRENT JOB: Junior Lector
Department of Basic Medical Sciences
School of Medicine
Faculty of Health Sciences
University of the Free State
Since 1996

2. QUALIFICATIONS

YEAR	QUALIFICATION AND INSTITUTION
2014	M.HPE (Masters in Health Professions Education) at the University of the Free State
1993	B.Sc. (Hons.) at the University of the Free State
1991	B.Med.Sc. at the University of Pretoria
1989	M.B.Ch.B. I-III at the University of Pretoria
1987	"EMA" (Emergency Medical Assistant) SA Noodhulpliga
1985	Matric (Grade 12) at the High School Pretoria West

3. JOB EXPERIENCE

May 1996 – Current: **Junior Lector, Department of Basic Medical Sciences (Anatomy),**
University of the Free State

December 1993 – April 1996: **Medical Scientist, Department of Anatomy,** University of the Free State

- Core responsibilities during the above mentioned period:
 - Academic: lectures and academic support
 - Technical support with regard to histological study material and specimens
 - Research

July 1992 – November 1993: **Medical Technical Officer, Department of Anatomy,** University of the Free State

- Core responsibilities during the above mentioned period:
 - Academic: lectures and academic support
 - Technical support with regard to histological study material and specimens
 - Research

January 1992 – June 1992: **Student Assistant, Department of Anatomy,** University of the Free State

- Core responsibilities during the above mentioned period:
 - Academic support
 - Technical support with regard to histological study material and specimens

4. BACKGROUND AND CURRENT JOB DESCRIPTION

In 1992 I was appointed in the department of Anatomy and Cell Morphology.

In 2002 the department of Basic Medical Sciences were founded. It came into existence through the incorporation of the department of Anatomy and Cell Morphology, and the department of Medical Physiology into one department.

The new department of Basic Medical Sciences was created to play a pivotal role during the development, implementation and execution of the new medical programme.

The department of Basic Medical Sciences is responsible to integrate and present basic medical sciences academic programmes.

Furthermore the department of Basic Medical Sciences is responsible for research and community service with regard to basic medical sciences.

4.1 JOB DESCRIPTION

- **Academic teaching of students, including:**
 - Lectures, practicals and assessment of undergraduate students in the M.B.Ch.B programme.
 - Lectures, practicals and assessment of undergraduate students in various B.Sc programmes.
 - Lectures, practicals and assessment of post graduate students in the M.Med programmes.
 - Lectures, practicals and assessment of post graduate students in the Honours program in Anatomy and Physiology.
 - Guidance as a study leader/co leader in the Masters programme in Anatomy.
 - Facilitating of Tutorial sessions in the M.B.Ch.B programme.
- **Management of academic teaching and curriculum development and improvement**
 - Committee member for guidance of Master's students
 - Programme coordinator for the Honours programme in Anatomy.
 - Internal evaluation of the Honours programme in Anatomy (2011).
 - Revision of the Honours programme in Anatomy curriculum.
 - Member of the team responsible for the revision of the M.B.Ch.B curriculum.
 - Development of sections in phase guides, semester planners, module guides, and work books.
 - Develop lectures using current and relevant educational technology.
 - Active role player in quality assurance and quality improvement processes of the Department, Faculty and University.
- **Research**
 - Participate in research in Anatomy, higher education and Health professions education.
 - Develop and improve research skills and experience.
 - Completed in January 2014 a research project in fulfilment of the requirements for the degree of Master of Health Professions Education.
 - Presented the research findings at congresses.
 - Currently busy with the finalisation of an article based on the mentioned research.

Professional development

- Completed in January 2014 the degree of Master of Health Professions Education
- Active participation in staff developmental programmes.
- Continuous training in Health Professions Education and new educational technologies.
- Deepening of knowledge, skills and experience in Anatomy and higher education.

- **General**

- Participate in Departmental meetings and committees.
- Member of the Faculty committee.
- Effective team member through participation and communication in the Department, as well as module and Phase teams consisting of more than one department and/or Faculty.
- Is effective as an individual and as a member of a team.
- Participate in University, Faculty and Departmental promotional activities.
- Responsible for all activities described in my work arrangement.

5. STUDY LEADING

Currently (2014) I act as co study leader for one Master's student in Anatomy and is part of a team that provide study guidance to an additional two Master's students. I also provide guidance to 1 honours student in Anatomy as module leader of 2 modules in the Honours programme. For the past 8 years I am responsible for the Embryology component of the Honours programme. During this time 23 students successfully completed the Honours programme. Since 2013 I am also responsible for the Histology component of the Honours programme.

6. PERSONAL ACHIEVEMENTS AND AWARDS

- Completed the Masters degree in Health Professions Education in 2014.
- Receive a merit bursary for Exceptional service in Teaching and Learning.
- Completed the Honours degree in Anatomy in 1992.
- Receive merit bursaries for undergraduate studies during 1985 en 1986.

7. RESEARCH

- Completed the structured Masters degree in Health Professions Education in January 2014. Is currently busy finalising an article based on these research findings. This Master's degree includes a mini script on factors affecting academic performance of medical student in an Anatomy and Embryology module.

8. PUBLICATIONS

8.1 SCIENTIFIC ARTICLES

Louw L, van Zyl GJ (1997): Comparison between pathology and fatty acid profiles of lipid classes in keloids. Prostaglandins Leukotrienes and Essential fatty acids. 57:250.

8.2 GUIDES AND DOCUMENTS

2001 till 2014. Contribute to various module guides and work books in the undergraduate medical programme of the UFS.

Van Zyl, G.J. 2007- 2014. *"Moduleguides" and Module guide: ANA602.* Department of Basic Medical Sciences, UFS.

Van Zyl, G.J. 2006 – 2014. *"Moduleguides" and Module guide: ANA326.* Department of Basic Medical Sciences, UFS.

GEYER, H.J. & Van Zyl, G.J. 2004 - 2014. *"Moduleguides" and Module guide: HTG304.* Department of Basic Medical Sciences, UFS.

Van Zyl, G.J. 2004 - 2014. *"Moduleguides" and Module guide: HTG214.* Department of Basic Medical Sciences, UFS.

9. CONGRESS PRESENTATIONS

Van Zyl GJ, Bezuidenhout JH. (2014) First year medical student perspectives on an Anatomy and Embryology module in the School of Medicine, University of the Free State. SAAHE Congress. 2014.

Van Zyl GJ, de Jager L, Geyer HJ, Cloete FC. (2001). "Die effek van 'n tydvariërende 50Hz magnetiese veld op die limfosiete van die muis" Mus Musculus. Fakulty forum; Fakulty of Health Sciences, UFS. 2001.

Van Zyl GJ, de Jager L, Geyer HJ, de Bruyn L. (2000). "Die effek van 'n 50Hz magnetiese veld op die immuunstatus van die muis" Mus Musculus. SA Academy of Science and Culture Congress 2000.

Pretorius WF, van Zyl GJ, Venter AWB (1996): Is preservation of natural colour in embalmed material possible? An experimental survey. AVSA Congress 1996.

10. UITNODIGINGSLESINGS

- Curriculum development and review.
- Presented as part of the training programme for newly appointed lecturers in the Faculty of Health Sciences, UFS.
- May 2014
- University of the Free State

- Personality types, Learning styles and curriculum development/revision.
Presented as part of the structured modules of the Master's degree in Health Science Education.
- April 2012
- University of the Free State

- Management of programme and curriculum review
- Presented as part of the training programme for newly appointed lecturers in the Faculty of Health Sciences, UFS.
- June 2011
- University of the Free State

11. WORKSHOPS AND SHORT COURSES ATTENDED

- Innovative assessment
Presenter: Prof. S. Petersen. Division Health Professions Education. September 2013
UFS campus.
- Editing of publications
Presenter: Prof. S. Petersen. Division Health Professions Education. September 2013
UFS campus.
- Curriculum reform
Presenter: Prof. S. Petersen. Division Health Professions Education. September 2013
UFS campus.
- CBE & SL Seminar
Presenter: Prof. S. Petersen. Division Health Professions Education. September 2013
UFS campus.

- Performance Management
Presenter: UFS Top management. Augustus 2013
UFS campus.
- Library – Information technology workshop
Presenter: UFS Top management. August 2013
UFS campus.
- Proposal Writing
Presenter: Prof. R Nieman. Postgraduate School. August 2013.
UFS campus.
- Mixed Method research
Presenter: Prof. M Berman. Postgraduate School. August 2013.
UFS campus.
- Excellence in Teaching and Learning
Presenter: UFS Top management. October 2012
UFS campus.
- Factor Analysis
Presenter: Dr. P Nel. Postgraduate School. August 2013.
UFS campus.
- Peer evaluation
Presenter: Division Health Professions Education. July 2012
UFS campus.
- Conflict management
Presenter: Division Health Professions Education. March 2011
UFS campus.
- Standards setting for written papers
Presenter: Division Health Professions Education. March 2011
UFS campus.
- Sampling in quantitative and qualitative research designs
Presenter: Division Health Professions Education. January 2011
UFS campus.
- Occult practice – is it real?
Presenter: Staff Wellness. May 2011
UFS campus.
- Blackboard LMS
Presenter: SHOSO. May till August 2009
UFS campus.
- “Hanteer uitdagende tye”
Presenter: SHOSO. May 2009
UFS campus.
- Time management workshop
Presenter: SHOSO. June 2009
UFS campus.

- "Veerkrachtigheid in finansies"
Presenter: SHOSO. June 2009
UFS campus.
- Assessment criteria
Presenter: Division educational development, Faculty of Health Sciences. February 2008
UFS campus.
- Development of workbooks
Presenter: Division educational development, Faculty of Health Sciences. January 2002
UFS campus.
- Write outcomes for the composition of workbooks.
Presenter: Division educational development, Faculty of Health Sciences. March 2002
UFS campus.
- Rational and basic principles of group work.
Presenter: Division educational development, Faculty of Health Sciences. July 2002
UFS campus.
- Evaluation of learning in an outcomes based programme.
Presenter: Division educational development, Faculty of Health Sciences. July 1999
UFS campus.
- Workshop on Group work and group Dynamics
Presenter: Division educational development, Faculty of Health Sciences. August 1999
UFS campus.
- Preparation of work books
Presenter: Division educational development, Faculty of Health Sciences. October 1999
UFS campus.
- Programme development
Presenter: Division educational development, Faculty of Health Sciences. March 1998
UFS campus.
- Orientation course for newly appointed lecturers.
Presenter: Bauru for Academic Development. January 1997
UFS campus (3 days).
- Microsoft Windows computer course
Presenter: Division Biostatistics. June 1994
UFS campus.
- "Leesontwikkelingskursus "
Presenter: Student counselling. 1994
UFS campus.
- Research methods
Presenter: Division Biostatistics. January 1993
UFS campus.

12. MEMBERSHIP OF NATIONAL PROFESSIONAL ORGANISATIONS

- Anatomical Society of Southern Africa (till 1996).
- South African Association of Health Educationalists/SAAHE (since 2009).

13. MEMBERSHIP ON COMMITTEES

- Faculty Board of the Faculty of Health Sciences, UFS (since 1994)
- Academic Advice committee of the department of Basic Medical Sciences
- Phase I committee of the undergraduate Medical Programme of the UFS
- Phase II committee of the undergraduate Medical Programme of the UFS

14. INVOLVEMENT IN TEACHING AND LEARNING

Module leader and session presenter: MIS264, HTG214, ANA326, ANA602, ANA603

Session presenter: MEE153, MEF153, MIS264, MEY264, MEU264, GUS264, MFW264, MEO124, MEO218, GEE354, FFG354, FFG601, HTG304, ANM700.

15. REFERENCES

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