

PROGRAM VIR DIE EERSTE PLEGTIGHEID

DIE FAKULTEITE LETTERE EN SOSIALE WETENSKAPPE, OPVOEDKUNDE, REGSGELEERDHEID, TEOLOGIE EN EKONOMIESE EN BESTUURSWETENSKAPPE

'n Vriendelike beroep word op alle aanwesiges gedoen om selfone af te skakel en nie die saal tydens die plegtigheid te verlaat nie en sodoende te verseker dat die verrigtinge sonder ontwrigting verloop.

1. Akademiese prosesie kom die saal binne. U word versoek om te staan terwyl hulle die saal binnekom en te bly staan vir die sing van die Nasionale Lied.
2. Sing van die Nasionale Lied (kyk binneagterblad). Neem asseblief daarna u sitplekke in.
Begeleiding: Universiteit Stellenbosch Koperblaaskwintet. Orrelis: Francisco Salies.
Voorsanger: Barend van der Westhuizen.
3. Konstituering deur die Kanselier.
4. Gebed deur prof Jurgens Hendriks.
5. Verwelkoming deur die Kanselier.
6. Voorstelling van doktorandi deur die dekane van die betrokke fakulteite en toekenning van die grade deur die Kanselier.
7. Sluiting deur die Kanselier.
8. Akademiese prosesie verlaat die verhoog.

Die aanwesiges word versoek om te bly staan totdat die akademiese prosesie uitgestap het.

PROGRAMME FOR THE FIRST CEREMONY

THE FACULTIES OF ARTS AND SOCIAL SCIENCES, EDUCATION, LAW, THEOLOGY AND ECONOMIC AND MANAGEMENT SCIENCES

To help ensure that the proceedings run their course without disruption, will all those present kindly keep their cell phones switched off, and refrain from leaving the hall, while the ceremony is in progress.

1. Entrance of academic procession into the hall. You are requested to stand while it enters, and then to remain standing for the singing of the National Anthem.
2. Singing of the National Anthem (see inside back cover). Thereafter, please be seated.
Accompaniment: University of Stellenbosch Brass Quintet. Organist: Francisco Salies.
Precentor: Barend van der Westhuizen.
3. Congregation formally constituted by the Chancellor.
4. Prayer by Prof Jurgens Hendriks.
5. Welcome by the Chancellor.
6. Presentation of doctoral candidates by the deans of the respective faculties and conferment of degrees by the Chancellor.
7. Closing by the Chancellor.
8. The academic procession leaves the stage.

Those present are requested to remain standing until the entire academic procession has left the hall.

isiXhosa →

ISICWANGCISO-NKQUBO SOMSITHO WOKUQALA IIFAKHALTHI EYEATHSI NEENZULULWAZI ZOBUNTLALONTLE, EYEZEMFUNDO, EYOMTHETHO, EYEZENKOLO NEYOBUNZULULWAZI KWEZOQOQOSHO NOLAWULO

Ukuqinisekisa ukuba umsitho uqala ngaphandle kwesiphazamiso, bonke abakhoyo bayacelwa ukuba bacime iiselfowuni zabo, kwaye bangaphumi eholweni ngeli xesha umsitho uqhubekayo.

1. Kungena umkhosi wemithika eholweni. Niyacelwa ukuba nime ngeenyawo xa ungena, nihlale nime njalo ukuze kuculwe uMhobe weSizwe.
2. Kukulwa uMhobe weSizwe (Jonga kumphakathi weqweqwe lokugqibela). Emva koko, ningahlala phantsi.
Umculo: yi-Stellenbosch University Brass Quintet. Umdlali wohadi: nguFrancisco Salies.
Umhlabeli: nguBarend van der Westhuizen.
3. UMSitho uvulwa ngokusesikweni nguTshansila.
4. Umthandazo wenziwa nguNjing Jurgens Hendriks.
5. Ulwamkelo lwenziwa nguTshansila.
6. Ukunikezelwa kwabafundi bezidanga zobugqirha ziintloko zefakhalthi (iidin) ezichaphazelekayo nokuthweswa kwezidanga nguTshansila.
7. Ukuvalwa koMsitho nguTshansila.
8. Umkhosi wemithika uyalishiya iqonga.

Bonke abakhoyo bayacelwa ukuba beme ngeenyawo de umkhosi wemithika ube uphume wonke eholweni.

KANDIDATE WAT KWALIFIKASIES ONTVANG

Hier volg 'n lys van graduandi met hul studierigtings, proefskriftitels en opsommings van die navorsing. Die grade van graduandi wat nie by die gradeplegtigheid teenwoordig kan wees nie, word in hulle afwesigheid toegeken.

CANDIDATES RECEIVING QUALIFICATIONS

Here is a list of graduands with their fields of study, dissertation titles and summaries of research. The degrees of graduands who are unable to attend the graduation ceremony are awarded in absentia.

ABAFUNDI ABAFUMANA IZINGQINI ZEZEMFUNDO

Nalu uluhlu lwabathweswayo kwiinkalo zesifundo, izihloko zeedizetheyishini kunye nezishwankathelo zophando. Izidanda zabathweswayo abangakwazanga ukubakho ubuqu kumsitho wothweso-zidanga bathweswa bengekho benjalo.

Fakulteit Lettere en Sosiale Wetenskappe

Faculty of Arts and Social Sciences

IFakhalithi yezeAthsi neeNzululwazi zobuNtlalontle

PhD

ASANZI MBEYATA, Philippe (Political Science)

The role and behaviour of Chinese agricultural enterprises in sub-Saharan Africa: case studies of Mozambique and the Democratic Republic of Congo

The candidate explores the motivations of Chinese agricultural enterprises operating on the African continent and looks at the ways in which institutional contexts – the physical and legal environments in Africa – shape enterprises' behaviour and/or modes of entry into local industries. The research is based on two case studies, Mozambique and the Democratic Republic of Congo (DRC). It is shown that the enterprises primarily aim to position themselves better in local markets and to access agricultural commodities for the benefit of Chinese markets. Moreover, institutional contexts in Mozambique and the DRC affect and constrain the way in which Chinese enterprises do business.

Supervisor: Prof S Cornelissen

CARSTENS, Johannes Petrus (English Studies)

Uncovering the apocalypse: narratives of collapse and transformation in the 21st century fin de siècle

Carstens' dissertation examines the idea of apocalypse through the lens of science fiction written during the current *fin de siècle* period. This epoch, known as the information era, starts in 1980 with the advent of personal computing and ends in approximately 2020, when the functional limits of silicon-based digital manufacturing and production are expected to be reached. Surveying the field of contemporary science fiction, the candidate identifies certain trends and

subgenres that relate to particular aspects of apocalyptic thought, namely conceptions of the 'terror of history', the sublimity of accelerated technoscientific advance, the 'affective turn' in media-culture and posthuman philosophy.

Supervisor: Dr L Green

Co-supervisor: Dr R Goodman

COX, Michael James (Ancient Cultures)

Ba'al and Seth: an investigation into the relationship of two gods, with reference to their iconography (ca. 1500-1000 BCE)

Traditionally the ancient Egyptians in Africa worshipped the god Seth, whilst the people of ancient Syria and Palestine in the east worshipped the god Ba'al. At some stage in history, however, both gods were worshipped across these regions, even being amalgamated to form a new god, termed Seth-Ba'al. In Egypt a god was visually represented (iconography) and identified by the hieroglyphic name as Seth, but with attributes taken from the east. This study examines the rationale for the identification of Seth with Ba'al, which serves as an example of intercultural contact in the period 1500-1000 before the Common Era.

Supervisor: Prof I Cornelius

CROESE, Sylvia (Sociology)

Post-war state-led development at work in Angola: the Zango housing project in Luanda as a case study

Post-war state-led development is controlled by the Angolan presidency and financed and managed through extragovernmental arrangements. This enables as well as limits state-led development as it allows for the maintenance of a gap between a 'parallel' and the formal state of Angola. Nonetheless, an analysis of housing allocation arrangements in Zango reveals the formal Angolan state as no empty shell and its officials and those they engage with as operating in ways that take ownership of development directed from above. Accordingly, this dissertation argues for a research approach to state-led development in Africa that is empirically and historically grounded.

Supervisor: Prof S Bekker

Co-supervisor: Prof E Pieterse

DUBE, Bevelyn (Journalism)

Challenges for journalism education and training in a transforming society: a case study of three selected institutions in post-1994 South Africa

This study investigated the challenges for journalism education and training in a post-1994 South Africa, attempting to establish whether curricula have transformed in tertiary institutions, representing historically Afrikaans, historically English and historically 'black' universities. The study deemed post-colonial theory, the developmental journalism model and Ubuntu philosophy as theoretical points of departure and applied a collective case study and a mixed-method approach. The analysis revealed that programmes are highly dependent on Western epistemologies and that transformation in terms of race and gender has either been insignificant or non-existent. In conclusion: Curricula have not yet addressed the challenges of a transforming South Africa.

Supervisor: Prof L Rabe

FOURIE, Paula (Music)

"Ghoema vannie Kaap": the life and work of Taliep Petersen (1950-2006)

This dissertation is a lifeworks biography of South African musician Taliep Petersen. It constitutes not only the documentation of a life, but also a critical discussion of Petersen's various projects, contextualised by his lived experience and the broader sociopolitical environment of South Africa from 1950-2006. By discussing Petersen's artistic output against the background of Coloured identity discourse, this research explores his various cultural identifications through the years, whether it be Anglo-American popular music, the 'traditional' folk music of the Cape Malay community, District Six, Islam, a heritage of slavery or the Afrikaans language.

Supervisor: Prof S Muller

GERBER, Berna (Philosophy)

Identity and discourse: a critical philosophical investigation of the influence of the intellectual self-image of the medical profession on communicatively effective care to patients

Communication between doctors and patients is notorious for being difficult. A wealth of empirical research has been conducted on this subject. However, very little attention has been paid to the role of modern medicine's intellectual self-image as natural science in interactions within clinical medical settings. The aim of this study was to philosophically investigate the influence of the medical profession's intellectual self-image on doctor-patient communication by making use of the writings of Habermas and Foucault. The conclusion was reached that modern medicine's intellectual self-image has a pervasive and negative influence on clinical communication and is not appropriate for the task of providing medical care to individual patients.

Supervisor: Prof AA van Niekerk

HALLEEN, Simone (History)

From life insurance to financial services: a historical analysis of Sanlam's client base, 1918-2004

Through systematic analysis of the primary policyholders' documentation in the official archives of Sanlam since 1918, this groundbreaking study challenges outdated historiography on Sanlam. It establishes that Sanlam was formed as an inclusive South African company in a British industry of which the inclusion and empowerment of Afrikaners formed one dimension. Sanlam emerged as a national institution servicing the insurance needs of the diverse South African population at all levels of society. This study analyses the client profile between 1918 and 2004. In merging qualitative and quantitative methodologies, the study contextualises product development in the socio-economic contours of the history of South Africa. This is the first comprehensive historical study on the policyholder profile of any insurance company in South Africa, as well as in the international historiography on life insurance.

Supervisor: Prof G Verhoef

Co-supervisor: Dr A Ehlers

JOHNSON, Sharon Mary (Psychology)

Impact of stress and burnout interventions on educators in high-risk secondary schools

This mixed methods quasi-experimental study considered the plight of educators in the challenging Cape Flats schools. Three interventions using psycho-educational workshops to remediate stress and burnout were presented to secondary school educators over a 10 week period. A control group was used to allow pre- and post- as well as inter- and intragroup comparisons. Interventions were grounded in trauma release exercises, transpersonal psychology and transactional analysis, which were primarily physical, emotional and cognitive approaches to stress and burnout prevention. The findings indicated that all three approaches were effective in assisting with stress and burnout reduction and facilitated renewed insights into classroom competency.

Supervisor: Prof AV Naidoo

LE ROUX, Daniel Bartholomeus (Socio-informatics)

Incongruence and enactment in information systems: a sensemaking analysis

Globally, the competitiveness of contemporary organisations depends on computer-driven enterprise resource planning systems (ERPs). However, more than 50% of ERPs, worldwide, are ineffective or dysfunctional due to incongruence between systems artefacts, organisational structures and human perceptions. Combining a theoretical analysis of the precepts of computer-driven systems, with an extensive empirical investigation in a large organisation, and applying the interpretive notion of "enactment" – derived from Weickian Sensemaking theory – this dissertation uncovers how ERPs, as instances of socio-technical systems, evolve over time as users adapt to latent structures imposed by technical artefacts, by continuously striving to gain control over such structures, thus enacting work satisfaction.

Supervisor: Prof J Kinghorn

LEVIN, Karen Susan (Psychology)

The communication participation of adults with cerebral palsy

The concept of the participation of communicatively disabled people is relatively new and this dissertation makes an original contribution by developing a “dynamic recognition-theoretical model of communicative participation”, which acknowledges communicative participation as a dynamic and ever-changing social process that is undergirded by moral recognition of one another as communicative partners. The candidate shows that communication is influenced by time as the dimension through which all communication takes place. This study takes seriously both the challenges and opportunities associated with communicating congruently with people who have experienced a lifetime of communicative exclusion and represents a trenchant challenge to prevailing orthodoxy.

Supervisor: Prof L Swartz

MASSEY, Ruth Thokozile (Geography and Environmental Studies)

Informal settlement upgrading and the effect of governmentality on women's social networks: a case study of New Rest and Makhaza, Cape Town

The study aimed to investigate the City of Cape Town's governmentality in the *in situ* upgrading of Makhaza and New Rest, exploring the implications of this governmentality for the women's social networks in these settlements. The study found that the governmentality of the city in its planning and implementation differs from that of the women's social networks and has meant that settlements do not meet the needs of female residents, who have responded with acts of counterconduct. Integral Theory was used to map and understand the differing governmentalities and their relationship and suggest an integral approach to future upgrading endeavours.

Supervisor: Prof SE Donaldson

MONGIE, Lauren Danger (General Linguistics)

The discourse of liberation: the portrayal of the Gay Liberation Movement in South African news media between 1982-2006

This dissertation investigated selected features of gay liberation discourse in two widely circulated South African weekly newspapers, using analytic instruments developed within Critical Discourse Analysis. A scrutiny of publications across a 30 year period gave a very insightful overview of the way in which this discourse was aligned with the broader national liberation movement of the 1980s and early 1990s. Other interesting insights refer to the differences in positioning of men and women in gay liberation discourses, as well as to the vastly different experiences of black gay activists compared to those of white South Africans at the time.

Supervisor: Prof C Anthonissen

Co-supervisor: Dr F Southwood

MUCHEMWA, Zhiradzago Kizito (English Studies)

Imagining the city in Zimbabwean literature from 1949 to 2009

Examining literary imaginings of the Zimbabwean city from 1949 to 2009, Kizito Muchemwa interrogates the ways in which ideologies of space shape politico-aesthetic constructions of the urban-rural binary.

Tracing a thread from colonial to nationalist figurations of the city, the dissertation renders it a site of struggle as writers are shown to contest the hegemonic values impressed upon it. Focusing on literary contestations of the spatial partitioning propagated by colonial and postcolonial regimes, it explores the ways in which writers assert aesthetic power to re-imagine and reclaim rights to the city by the colonised, women, immigrants and other marginalised figures.

Supervisor: Prof M Samuelson

Co-supervisor: Prof A Gagiano

NIEMAND, Johannes Rust (Filosofie)

The autonomy of culture? A cultural-philosophical analysis

Die proefskrif voer aan dat benaderings tot multikulturele konflik 'n alternatiewe konseptualisering van kultuur moet bedink, waarvolgens kulture soms delinieerbare entiteite is. Daar word dienooreenkomstig aangetoon dat 'n analogie tussen persone en kulture se deliniëring moontlik is. Hiervolgens word die deliniëring van beide persone en kulture gekenmerk deur 'n tweeledige struktuur waar 'n triviale begrenging 'n eenheid van konflik binne die entiteit omspan. Verder word daar aangevoer dat sodanige analogie tussen kulture en persone dit moontlik maak om begrippe soos regverdigheid en lewensvatbaarheid op kulture toe te pas, wat ons begrip van sekere huidige multikulturele kwessies verbeter.

Promotor: Prof AA van Niekerk

NYAMBI, Oliver (English Studies)

Nation in crisis: literary representations of Zimbabwe post-2000

Representing the economic crisis that profoundly affected domestic, social and political life in Zimbabwe, 2000-2010 became a terrain of contestation since much was at stake for both state and subjects in how causes and effects of currency value and international market access loss were understood. Oliver Nyambi's study analyses Zimbabwean authors' writing from a context where official representations of state actions (like the slum clearance project Operation Murambatsvina) were justified in official discourse, but deplored in discourses “from below” (evoked in fiction), and where the grand narrative of indigenous land reclamation could be either satirised or endorsed in “alternative metaphors”.

Supervisor: Prof A Gagiano

RETIEF, Rita Theresa (Social Work)

Police officers' experiences of policing domestic violence in the Western Cape Province

In terms of the Domestic Violence Act, No. 116 of 1998, police officers are daily expected to provide protection to victims of domestic violence. For various reasons, however, victims are hesitant to approach them for assistance. To understand the response of the police to domestic violence incidents, the dissertation creatively and critically examines the experiences of frontline police officers in addressing this complex social phenomenon. The results of the study offer rich material for publication and will decisively inform the empowerment of police officers to implement current legislation, policies and practices for effectively protecting victims of domestic violence.

Supervisor: Prof S Green

SIZIBA, Gugulethu (Sociology)

Language and the politics of identity in South Africa: the case of Zimbabwean Shona and Ndebele migrants in Johannesburg

Our understanding of languages in the post-1994 period draws, often implicitly, on assumptions about the geosocial spaces that 'they' occupy. This study shows how migration challenges these assumptions and disrupts the common sense distinction between autochthonous and foreign languages. Based on a multi-sited ethnography of Zimbabwean migrants in Johannesburg, it shows how language repertoires vary and how this variation is spatially patterned. It argues that varying combinations of Shona, isiNdebele, English and "isiZulu semaflethini" index the survival strategies of the Zimbabwean *other*: strategies that are specific to particular neighbourhoods, but which also reflect social positioning within the wider Johannesburg economy.
Supervisor: Dr L Hill

SWART, Charl (Political Science)

Contending interpretations of the rule of law in South Africa

This study examines whether there are divergent interpretations of the rule of law present within the South African democracy. A conceptual typology is constructed, identifying two such interpretations. Liberal rule of law emphasises the status of the individual, moral plurality and the creation of a rule-based society of the future. Social rule of law places emphasis on the status of the community, a single conception of the moral good and on righting past injustices. This typology is verified through a case study and provides a clear description of values associated with the concept of the rule of law in South Africa.

Supervisor: Prof PvdP du Toit

Co-supervisor: Dr N de Jager

TICHA, Ignatius Khan (English Studies)

Evocations of poverty in selected novels of Meja Mwangi and Roddy Doyle: a study of literary representation

Using theoretical insights from Bakhtin and Lara, Ignatius Ticha's dissertation explores evocations of relative poverty in a European (Irish) and an African (Kenyan) context by analysing selected novels by Roddy Doyle and Meja Mwangi, whose wide-ranging texts evoke and implicitly analyse causes, effects and contexts of poverty impinging on individual characters' lives. The authors' literary techniques work powerfully to create empathy, understanding and knowledge complementing analyses by social scientists of the complex causes and effects and the range of possible responses to indigence in different contexts. Narrative fiction is shown to contribute to bringing voices of the poor into the public sphere.

Supervisor: Prof A Gagiano

TILUMANYWA, Verdiana Tindichebwa (Geography and Environmental Studies)

Land use and livelihood change in the Mount Rungwe ecosystem, Tanzania

The unique Mount Rungwe ecosystem's natural and cultural resources offer myriad development opportunities, but experience land use and livelihood change. Major changes in land use, responsible drivers and established causal interrelationships between change and communities' livelihoods were uncovered to inform management options. Influencing land usage, policies, institutions and processes were documented through quantitative analysis and qualitative surveys. The researcher recommends re-emphasis of intercropping agricultural practices and provision of extension services targeting commercialised crop growing to improve land productivity and enhanced food security. Change in energy sourcing, consumption technology and reforestation is suggested as means to improve and diversify livelihoods and to protect ecological integrity.

Supervisor: Prof JH van der Merwe

Co-Supervisor: Prof PS Maro

VAN DEN HEEVER, Cornelius Marthinus (Biblical Languages)

Idioms in Biblical Hebrew: towards their identification and classification with special reference to 1 and 2 Samuel

This study seeks to identify and classify idioms in the Hebrew Bible. Based on a survey of literature on idioms in general, and in Biblical Hebrew in particular, the necessary conditions for idiomaticity are identified as (1) multi-word character, (2) semantic non-compositionality, (3) unit status, (4) conventionalisation, (5) a verbal nucleus, and (6) a content message. This study demonstrates that idioms are semantically motivated (by conceptual metaphor, metonymy, symbolic acts, etc.) although their meaning is semantically non-compositional. It also indicates the need for a more systematic treatment of idioms in Biblical Hebrew lexicons.

Supervisor: Prof CHJ van der Merwe

Co-supervisor: Prof ER Wendland

VAN DER MERWE, Amelia Phyllis (Psychology)

"Soos 'n vuil hond het ek gevoel": shame narratives in South African survivors of chronic trauma

The candidate conducted a boundary-breaking study of narratives of survivors of ongoing intimate partner violence. In a theoretically rich and ambitious study, she demonstrates the centrality of the internalisation of shame to survivor experiences. She makes a cogent argument both for the importance of taking shame seriously in provision of services for survivors, and for developing a line of research inquiry in the field which focuses on the experience of shame. The dissertation requires those interested in endemic abuse and violence as is typical in South Africa to focus more than currently on developmental correlates and consequences of ongoing trauma.

Supervisor: Prof L Swartz

VAN RHYN, Chris (Music)

Towards a mapping of the marginal: readings of art songs by Nigerian, Ghanaian, Egyptian and South African composers

African art music practices of Western origin have often been excluded from general discourses on Western art music practices. In this study, technical and contextual readings of selected art songs by twentieth and twenty-first century Nigerian, Ghanaian, Egyptian and South African composers serve to 'map' this music through challenging existing general discourses on art music composition, and genre-specific discourses on art song composition in Africa. The readings also serve to create new discourses, including ones that promote African cross-regional engagements.

Supervisor: Prof S Muller

WAX, Kevin Patrick (Bible Interpretation)

The intricate relationship between politics and religion in the Hebrew Bible: the prophet Amos as a case study

This study examines the intricate relationship between politics and religion in the Hebrew Bible on the basis of an in-depth exegetical analysis of selected texts from the book of Amos. The investigation is undertaken from a historical-critical and social-scientific perspective and against the socio-political background of the ancient Near East. Following a reconstruction of the socio-political environment of ancient Israel around the 8th century BC, the study confirms the close and dynamic relationship and interdependence between politics and religion on social justice issues. The modern contextualisation of these findings creates theological opportunities for a constructive resolution of contemporary socio-political issues.

Supervisor: Prof PA Kruger

Fakulteit Opvoedkunde

Faculty of Education

IFakhalthi yezeMfundo

PhD

BICCARD, Piera (Curriculum Studies)

The didactisation practices in primary school mathematics teachers through modelling

The study described how primary school mathematics teachers developed didactisation practices. The concept didactisation was explored and defined and was incorporated with the concept of mathematical work of teaching. Nine practices were made explicit and framed the data collection and analyses. The methodology followed the principles of design research, incorporating a modelling perspective to teacher learning. It was established that teachers' didactisation practices did develop during the programme. It was found that didactisation practices could be arranged in a hierarchy of development. The study contributes to understanding teacher actions in classrooms and how teachers can change their thinking and practice.

Supervisor: Prof DCJ Wessels

JOORST, Jerome Paul (Opvoedingsbeleidstudie)

Die selfgeskoolde habitusvorming van jeugdiges op 'n plattelandse dorp

Hierdie studie ondersoek geselekteerde werkersklas-hoërskoolleerders se navigering en mediëringspraktyke soos hulle omgaan met hul skoling oor die verskillende ruimtes van hul landelike dorp. Die proefskrif argumenteer dat hierdie jeugdige, deur die maksimalisering van hul leefruimtes en die strategiese ontplooiing van beliggaamde aanpassingspraktyke, 'n selfgeskoolde habitus ontwikkel wat hulle in staat stel om 'n beter toekoms te 'sien' en struktureel-reproduktiewe ruimtes te transendeer. As etnografiese studie word Bourdieu se teoretiese lense van veld, kapitaal en habitus gebruik om te argumenteer dat die jeugdige in hierdie studie nie net passiewe ontvangers van globale invloede en snelveranderende omgewings is nie, maar aktiewe meemakers in die vorming van hul plaaslike realiteite.

Promotor: Prof A Fataar

NTSOHI, Mamosa Mateboho Evodia (Curriculum Studies)

Investigating teaching and learning of grade 9 algebra through Excel spreadsheets: a mixed-methods case study for Lesotho

The study sought to address the question: How do grade 9 learners in Lesotho experience the teaching and learning of algebra through Excel spreadsheets? Previous studies have indicated that the use of spreadsheets has the potential to enhance the teaching and learning of algebra. This was a multi-case study where both qualitative and quantitative methods were used. Findings indicate that learners' experiences with learning algebra through spreadsheets comprised of both challenges and benefits. Even though the use of spreadsheets may benefit both learners and teachers, implementation of the use of spreadsheets would require critical considerations in terms of teacher preparation and infrastructural improvements in schools.

Supervisor: Dr MF Gierdien

ONTONG, Krystle (Kurrikulumstudie)

'n Ondersoek na 'n sin van plek en 'n pedagogie van plek in 'n Wes-Kaapse skool

Die studie het ten doel gehad om 'n genuanseerde perspektief te bied op leerders se sin van plek asook die mate waarin onderwysers 'n pedagogiek van plek toepas. Die bevindinge dien as bevestiging van die kompleksiteit aangaande opvoedkundige diskoerse en praktyke wat eksplisiet die plek-spesifieke neksus tussen die omgewing, kultuur en onderwys bestudeer. Dit stel onderwysers en opvoedkundiges in omgewingsopvoeding voor die uitdaging om die omvang van hulle teorie, ondersoek en praktyk uit te brei om sodoende die sosiale en ekologiese agtergrond van ons eie en ander se bewoning in te sluit.

Promotor: Prof LLL le Grange

WAGHID, Faiq (Curriculum Studies)

Towards the democratisation of senior phase School Science through the application of educational technology

This action research study investigates possibilities for democratising education in a high school Life Sciences classroom through the application of educational technology. It shows that educational technology can contribute to the democratisation of science education in several ways: learners and educators can experience enhanced levels of participation and deliberation; learners can construct personal learning contexts; learners and educators can cultivate equal partnerships through a pedagogy of 'disruption'. The research also reveals that critical teaching and learning in Life Sciences cannot be oblivious to poststructuralist thought that is concerned with learning to think and act rhizomatically as opposed to hierarchically and linearly.

Supervisor: Prof LLL le Grange

Fakulteit Regsgeleerdheid

Faculty of Law

IFakhalthi yezoMthetho

LLD

MAREE, Petrus Jacobus Hermanus (Public Law)

Investigating an alternative Administrative Law system in South Africa

In the study a new approach for assessing the South African Administrative Law system is developed by emphasising the legal relationship between the administration and judiciary. The development of the separation-of-powers doctrine is traced from Aristotle to Montesquieu and thereby a normative framework for the rise of the administrative state is identified. On this basis the courts' adherence to a rhetoric of deference is critiqued. A detailed discussion of the so-called 'French separation of powers' and the French administrative contract widens the debate on alternatives to the South African system and extends the potential of legal principles already entrenched in South African law.

Supervisor: Prof G Quinot

WANG, Jia (Mercantile Law)

Copyright: rebalancing the public and private interests in the areas of education and research

The general public should have wide access to copyrighted materials for education and research. However, since the current copyright law system subtly favours copyright holders, it is time to re-evaluate copyright law to ensure that it meets its original purpose of promoting the learning of the society. The research primarily focuses on how to broaden copyright limitations and exceptions for the public to access and use learning materials. Within the framework of the copyright law system, other mechanisms that allow users to access copyrighted materials at a reasonable price also are considered. Such mechanisms include an efficient collective copyright management system and

various licensing schemes. In an information network environment, it is time for developing countries to reform copyright law in order to promote education and research. It is hoped that the findings of this study not only benefit South Africa and the People's Republic of China, but also provide insights and guidelines to other developing countries with similar conditions.

Supervisor: Prof OH Dean

Fakulteit Teologie

Faculty of Theology

IFakhalthi yezeNkolo

PhD

AGBJI, Emem Obaji (Practical Theology)

Pastoral caregivers within a Nigerian hospital context: a pastoral-theological study

This study investigates the relevance of pastoral caregivers in the Nigerian hospital context from a pastoral-theological perspective. It argues that illness is a reality that confronts all humanity and therefore patients deserve love, respect for their values and desires and dignity, especially in the face of illness and suffering. This study affirms that pastoral care embodies a vision of wholeness which resonates with the Nigerian holistic view of life with its practices which are of proven value. The candidate illustrates the hermeneutical value of a holistic theological approach to caring for patients by arguing for the inclusion of a pastoral caregiver within the Nigerian hospital care context.

Supervisor: Prof CH Thesnaar

CHIFUNGO, Davidson Kamayaya (Practical Theology)

An oral hermeneutics within the lay preaching context of the Nkhoma synod of the Church of Central African Presbyterian (CCAP): a critical evaluation

This dissertation recorded, analysed and evaluated sermons of lay preachers in the Church of Central African Presbyterian Nkhoma Synod in Malawi. More than a hundred of these sermons were recorded – a first endeavour of its kind. Lay preachers in Malawi have an oral culture. This analysis revealed the inherent ability of these preachers to communicate effectively, using their indigenous knowledge systems and oral modes of communication, but also highlighted fundamental shortcomings in terms of biblical understanding. The dissertation advocates a homiletical theory and praxis that incorporates traditional modes of communication as well as transformational teaching at seminaries as lay training centres.

Supervisor: Prof J Cilliers

DREYER, Christiaan Hendrik (Praktiese Teologie)

Prediking binne die konteks van 'n suksesgedrewe samelewing: 'n prakties-teologiese ondersoek

In 'n suksesgedrewe samelewing is daar baie mense wat hulle bevind in omstandighede waarin hulle magteloosheid ervaar. Dit wil voorkom dat prediking soms sulke ervarings van magteloosheid kan vererger en tendense in dié verband toon raakpunte met strategiese benaderings

binne die kerk waarvan sommige deur die suksesgedreweheid van die samelewing beïnvloed word. Hierdie raakpunte het te doen met Gods-beelde, opvattinge oor die gemeente, Skrifgebruik en predikers se verstaan van hul identiteit. Met inagneming van die betrokke raakpunte en alternatiewe daarvoor wat deur die evangelie gebied word, is rigting-wysers vir prediking ontwikkel wat meer opbouend teenoor magtelose mense behoort te wees.

Promotor: Prof J Cilliers

DU TOIT, Philip la Grange (Nuwe Testament)

Paul and Israel: flesh, spirit and identity

Die wyse waarop Paulus in die Nuwe Testament die verband tussen die identiteit van gelowiges en dié van die historiese Israel omskryf, is 'n hermeneutiese uitdaging. Met 'n teologies-eksegetiese benadering van relevante gedeeltes lig hierdie studie verskillende identiteitsmodusse in die Pauliniese literatuur uit. Daar word bevind dat die term *Ἰουδαίος* (*Joudaios*) hoofsaaklik mense van etniese herkoms beskryf en *Ἰσραήλ* (*Israel*) en *Ἰσραηλιτῆς* (*Israelites*) met diachroniese vloeibaarheid hoofsaaklik antieke, historiese Israel. Die studie bevind dat volgens Paulus Gees-vervulde geloof in Christus die enigste seker kriterium vir alle mense is om tot God se mense gereken te word in die nuwe eskatologiese tydvak wat deur Christus ingelui is.

Promotor: Prof J Punt

KOTZE, Manitzia (Sistematiese Teologie)

A Christian bio-ethical perspective on pre-implantation genetic diagnosis (PGD) and genetic manipulation (GM)

Hierdie studie het pre-implantasie genetiese diagnose (PGD) en menslike genetiese manipulasie (GM) as uitdaging vir die Christelike bio-etiek ondersoek, veral in die Suid-Afrikaanse konteks, waar slegs 'n klein persentasie van die bevolking toegang tot hierdie moontlike behandelings sal hê. Verskeie Christelike perspektiewe op PGD en GM is bespreek en daar is aangedui dat alle reaksies intree binne die raamwerk van die skeppingsleer. In reaksie is 'n trinitariese perspektief op die belydenis van God as Skepper, veral soos gesien in die werk van Jürgen Moltmann, bespreek as deel van die poging om 'n Christelike etiese respons te formuleer op die uitdagings wat PGD en GM bied.

Promotor: Prof NN Koopman

LEE, Keonsoo, (Practical Theology)

Revisiting the use of art, imagery and symbolism in the Presbyterian liturgical tradition in Korea: a practical-theological research

This dissertation introduces art, imagery and symbolism as fundamental, but often neglected dimensions of liturgy within the South Korean context of Presbyterian churches. For several reasons these dimensions are of critical importance for liturgy: the human as embodied manifestation of the *imago dei*, the integrative characteristics of thinking and perceiving, the Bible as book of images, and the contemporary culture of images. Aesthetic expressions of art, imagery and symbolism open up possibilities to foster encounters with divine beauty, goodness and truth. In liturgical settings they reframe worldviews, point towards alternatives and prompt us to take up responsibility for the transformation of this world.

Supervisor: Prof J Cilliers

MURRAY, Isabel (Practical Theology)

Spirituality as dimension of integrated community development

In an exploration of spirituality as a life-giving dimension of development, action research was employed to establish a dialogue between members of selected local communities and the disciplines of social work, community development and practical theology. Key findings highlighted the importance of relationships and the need for a radical departure from conventional top-down approaches to unlock the interconnectedness between God, people and creation. This resulted in a multidimensional praxis framework emphasising the integral value of spirituality as a source of survival, hope and renewal for community members and practitioners of community development.

Supervisor: Prof I Swart

Co-supervisor: Prof S Green

SPOELSTRA, Joshua Joel (Old Testament)

*Life preservation in Genesis and Exodus: an exegetical study of the *tebah**

The term *tebah* is used twice in the Hebrew Bible, for Noah's ark and Moses' basket. This dissertation studies Genesis 6-9 and Exodus 2 exegetically and establishes that, although these narratives' form and content are germane to Akkadian-Babylonian literature, the term is a loan word from Egyptian. Within these contexts it has a polemical usage: The protagonist(s) enters the contra-coffin and his/her life is preserved while everyone outside dies in death-waters. Subsequently, the protagonist(s) re-emerges into a new world. This reflects the writers' experience of life preservation by God in the form of emerging out of exile safely unto new life in a new world.

Supervisor: Prof LC Jonker

STAUFFACHER, Robert (Practical Theology)

Christian leadership in a Malawian context: a practical theological evaluation of African Bible College

Christian leadership in the African continent is a highly contested concept. The dissertation is a practical theological evaluation of the African Bible College (ABC) in Malawi to determine whether the institution is forming graduates who can be described as authentic Christian leaders. As part of the investigation the candidate paid attention to the growing leadership crisis within sub-Saharan Africa, analysed various Christian leadership models in the field, conducted empirical research on graduates of the African Bible College, explored normative perceptions of Christian leadership and developed a revised praxis for ABC with a view to becoming an even more effective institution for forming authentic Christian leaders.

Supervisor: Prof I Nell

TAMIREPI, Farirai (Practical Theology)

HIV and AIDS within the primary health care delivery system in Zimbabwe: a quest for a spiritual and pastoral approach to healing

This study offers an in-depth engagement into the spiritual care needs of people living with HIV and AIDS and how they can be addressed within the primary health care delivery system in Zimbabwe. The empirical and literature study confirmed the spiritual needs of people

living with HIV and AIDS and their need to engage with their suffering in a spiritual way. The candidate illustrates the hermeneutical value of a holistic approach to care and therefore argues for the inclusion of a spiritual and pastoral approach to healing in the primary health care delivery system in Zimbabwe.

Supervisor: Prof CH Thesnaar

VAN DER WESTHUIZEN, Hendrik Cornelius (Sistematiese Teologie)

Selfloos en sosiaal? 'n Ontleding van Michael Welker se teologie van die Gees

Aansprake rondom en nadenke oor die Heilige Gees was en bly diep verdelend binne die Christelike geloofstradisie. Die Duitse denker Michael Welker bied tans van die mees ekumeniese en konstruktiewe bydraes in dié gesprek wêreldwyd. In die proefskrif word die kern van sy komplekse werk blootgelê deur te wys hoe ryke Bybelse, filosofiese, sosiologiese en natuurwetenskaplike stemme verbeeldingryk ineen gewees word. Die begrippe selfloos en sosiaal dien as sleutels om aan te toon hoe Welker hom afgrens van spreek- en denkwyses deur die eeue oor (menslike) gees en (goddelike) Gees, in die denkradisië gedomineer deur onderskeidelik Aristoteles en Hegel.

Promotor: Prof DJ Smit

VAN ZYL, Marthinus Stephanus (Systematic Theology)

Prayer: the chief exercise of faith. The centrality of prayer in faith and obedience according to Karl Barth

The project of the Swiss Protestant thinker Karl Barth remains extremely influential worldwide as well as deeply controversial. The dissertation analyses the centrality of prayer in Barth's work, showing why it is both so inspiring and contested. Prayer, for Barth, calling on God, describes the whole of human life responding to grace in Jesus Christ. In this response human beings receive both freedom and obedience. Faith, for Barth, is therefore not a human achievement or spiritual activity, based on any religious potential or natural human need, thereby contradicting the claim most central to major traditions of contemporary Protestantism.

Supervisor: Prof DJ Smit

Fakulteit Ekonomiese en Bestuurswetenskappe

Faculty of Economic and Management Sciences

IFakhalthi yeeNzululwazi kwezoQoqosho noLawulo

PhD

BOEHLANDT, Florian Martin (Business Management and Administration)

Single manager hedge funds – aspects of classification and diversification

The candidate classified an international portfolio of single manager hedge funds into portfolios on the basis of the common factors shared, before creating pure style indices in a multivariate autoregressive

framework. For each style index, he estimated short-term as well as co-integrating relationships for the hedge fund series with international share, bond and commodities indices. Impulse response tests and variance decomposition revealed that changes in hedge fund levels were partially induced by changes in equity, bond and currency markets. This resulted in the candidate cautioning about the diversification benefits of hedge fund investments.

Supervisor: Prof EvdM Smit

Co-supervisor: Prof JD Krige

NYAZEMA, Martha Matifadza

(Business Management and Administration)

Developing an empowerment framework for broad-based black economic empowerment in the hotel industry in South Africa

The candidate examined the implementation of broad-based black economic empowerment (BBBEE) policy in the hotel industry of South Africa. The main objective of her study was to investigate whether a framework for the effective implementation of black empowerment policy could be developed. A quantitative investigation of 611 hotel general managers constituted the primary content of the study. She analysed data from 178 respondents, using descriptive and correlational statistical methods. The results indicated that, while the hotels recorded progress in human resources development, compliance levels did not meet the required BBBEE targets. Furthermore, in respect of enterprise development, the engagement of hotels with small black enterprises was low, and the tourism-specific BBBEE charter presented bureaucratic challenges. The candidate finally developed an empowerment framework for achieving success in BBBEE in the hotel industry.

Supervisor: Dr B Mathur-Helm

SANDROCK, Gertrud Karla (Statistics)

Multi-label feature selection with application to musical instrument recognition

The candidate considered the problem of feature selection in multi-label classification, with specific application to musical instrument recognition. She conducted a thorough study of the literature on music information retrieval and specifically musical instrument recognition within the framework of multi-label classification and multi-label feature selection. The candidate then proposed a method for multi-label feature selection using probe variables, as well as a technique for simulating artificial multi-label data. Finally she evaluated the proposed selection method empirically by means of a Monte Carlo simulation study, as well as in the specific context of musical instrument recognition.

Supervisor: Prof SJ Steel