

Fakulteit Geesteswetenskappe
Faculty of Humanities

Department of Speech-Language Pathology and
Audiology
Established in 1959

ANNUAL REPORT 2016

Editors: Prof. Bart Vinck
Prof. Alta Kritzinger
Co-workers: Departmental staff



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Denkleiers • Leading Minds • Dikgopolo tša Dihlalefi

TABLE OF CONTENTS

	PAGE
1. THE YEAR 2016 IN RETROSPECT	3
2. DEPARTMENTAL MANAGEMENT STRUCTURE	4
3. DEPARTMENTAL STAFF	
• Major achievements by staff members	7
• Staff serving membership: Committees of the University of Pretoria	8
• Staff serving membership: Committees, associations, boards, councils and task groups	8
4. STUDENT DEMOGRAPHICS AND ACHIEVEMENTS	
• Undergraduate students	10
• Undergraduate student awards 2015	10
5. TEACHING AND LEARNING	
Clinical contexts utilized for student training	11
6. RESEARCH	
• Articles published by staff members in peer-reviewed journals	12
• International conference papers and posters by staff members	14
• Papers and posters delivered by staff members at national conferences and workshops	14
• Participation of staff in departmental seminar	15
• Participation in departmental seminar SpeakUP!	15
• Participation of staff in Humanities Research Day	15
• Undergraduate research projects	16
• Postgraduate degrees conferred: MCommunication Pathology and PhD	18
7. COMMUNITY ENGAGEMENT	
• Department of Speech-Language Pathology and Audiology as continuous professional development accreditor during 2016	20
• Community engagement activities undertaken by staff members	21
8. SPECIALIST CLINIC: Clinic for High-Risk Babies (CHRIB)	22
• INTERNATIONAL VISITS, VISITORS AND COLLABORATION	
• International visitors received by the department	23

1. THE YEAR 2016 IN RETROSPECT

Looking back to 2016, our entire University, Faculty, and Department went through very difficult times and experienced many challenges. The academic year and normal teaching and practical activities were since the beginning of the year many times interrupted by student and staff protest actions, and all students and staff had to be very creative in finding good solutions to get us to the end of the year.

Despite all these problems and issues, our year was in terms of research output a huge success. Since more than 10 years we could present the largest amount of articles published, we managed to graduate a very large group of postgraduate Masters and PhD students who could complete their degree successfully, and more than three of our staff members could complete their doctorate with much success.

Our different student groups once again demonstrated a high degree of professionalism and independence in going throughout the year. We can be very proud to have such a wonderful diverse student body, attracting also on a yearly basis international undergraduate and postgraduate students from overseas.

In my seventh year at the University now, I want to thank again all the academic and support staff in the department to make our student teaching excellent, to make our clinics an example in the region, to make our research well known across the borders of our country, and to make our department a haven where alumni and professionals always want to come back to.

Professor Bart Vinck

HEAD: DEPARTMENT OF SPEECH-LANGUAGE PATHOLOGY AND AUDIOLOGY

University of Pretoria

Faculty of Humanities

Cluster of Applied Social Sciences

Department of Speech-Language Pathology and Audiology



Figure 1 Departmental management structure

Table 1 Departmental staff 2016

Position	Staff member	Post number
Head of Department	Prof. BHME Vinck	1337
Professor	Prof. DCD Swanepoel	1350
Extraordinary Professors	Prof. JW Hall	University of Florida, US
	Prof. RH Eikelboom	University of Western Australia
	Prof. C Laurent	Umeå University, Sweden
	Prof. D Kendall	University of Washington, Seattle
	Prof. C Van Lierde	University of Ghent, Belgium
Associate Professor	Prof. AM Kritzinger	1341
	Dr L Biagio de Jager	1345
	Dr BM Heinze	1348
	Dr L Pottas	1348
	Dr ME Soer	0676
	Dr J Van der Linde	1343
Lecturers	Ms S Abdoola	0886
	Ms S Geertsema	1347
	Ms E Krüger	1351
	Ms M Le Roux	1340
	Ms TE Le Roux	1346
	Dr F Mahomed Asmail	12009
	Ms BS Pillay	1342
Replacement staff	Ms K Podile	Replacing Ms M Le Roux
	Ms C Van Zyl	Replacing Ms S Geertsema
Support staff	Mr KR Drews	1363
	Mr C Pottas	
	Ms I Schimper	UP Grant
Clinical Supervisors	Ms C Louw	Department of Education Funding
	Ms R Mosca	
Administrative staff	Ms ME Matsei	1354
	Mr K Modise	7261
	Mr JJ Schoeman	8828
	Ms AMF Van Niekerk	1352
	Ms ML Viljoen	1353
Tutors	Ms M Cilliers	0449
	Ms L Fouché	
	Ms R Olinger	
	Ms Y Van Niekerk	
Pretoria Cochlear Implant Unit	Ms M Beukes	Private
	Ms N Cass	
	Ms T Swart	
	Ms E Zybrands	
Cleaning Staff	Ms S Mokgalaka	Global Cleaning Services
	Ms T Ratau	

Departmental staff 2016



Photographer: Jacqueline Visser

Front row: Prof. AM Kritzinger, Prof. DCD Swanepoel, Dr J Van der Linde, Prof. BHME Vinck (HOD), Dr L Pottas, Dr ME Soer, Dr BM Heinze

Second row: Ms BS Pillay, Ms AMF van Niekerk, Ms R Viljoen, Ms TE le Roux, Ms R Mosca, Ms S Abdoola

Last row: Ms S Geertsema, Ms M le Roux, Ms E Krüger, Mr K Modise, Ms M Matsei

Table 2 Major achievements by staff members 2016

Staff member	Achievements
Dr L Biagio de Jager	Promoted to senior lecturer
Ms S Geertsema	NRF sabbatical grant, obtained PhD
Dr BM Heinze	Promoted to senior lecturer Awarded a Research Development Program (RDP) grant for three years Awarded, as co-applicant, the NRF National Equipment Program fund
Ms M Le Roux	NRF sabbatical grant, obtained PhD
Ms TE le Roux	Obtained PhD
Dr Mahomed Asmail	Obtained PhD Award for outstanding PhD research at the ENT/SASLHA/SAAA congress Awarded an RDP grant for three years
Prof. DCD Swanepoel	President – International Society of Audiology Awarded Silver (S2A3) British Association Medal (One of the highest awards for original scientific research in South Africa for a person under 40 years of age) Awarded a B2 rating from the National Research Foundation as an “internationally acclaimed researcher” (www.nrf.ac.za/rating)
Dr J Van der Linde	Promoted to senior lecturer Awarded an RDP grant for three years

Table 3 Staff serving membership: Committees of the University of Pretoria

Staff member	Committee	Portfolio
Dr BM Heinze	Marketing Committee: Faculty of Humanities	Member
Prof. AM Kritzinger	Teaching and Learning Committee: Faculty of Humanities	Member
	Integrated Health Leadership working group: School of Healthcare Sciences	Member
Dr F Mahomed Asmail	Marketing Committee: Faculty of Humanities	Member
	Integrated Health Leadership working group: School of Healthcare Sciences	Member
	Teaching and Learning Committee: Faculty of Humanities	Member
Dr L Pottas	RESCOM: Faculty of Humanities	Member
Prof. DCD Swanepoel	Postgraduate Research Committee: Faculty of Humanities	Member

Staff member	Committee	Portfolio
Dr J Van der Linde	Research Information System: Faculty of Humanities	Member
	Integrated Health Leadership working group: School of Healthcare Sciences	Member
Prof. BHME Vinck	Dean's Advisory Committee: Faculty of Humanities	Member
	Cluster of Social Sciences in the Faculty of Humanities	Chair

Table 4 Staff serving membership: Committees, associations, boards, councils, task groups

Staff member	Body	Appointed position
Dr L Biagio de Jager	Telemedicine and e-Health International Journal of Audiology Scientific Reports	Reviewer
Ms S Geertsema	Founding member of The National Red Apple Dyslexia Association (RADA)	Appointed board member
Dr BM Heinze	Journal of HIV for Clinical and Scientific Research	Editorial board member
	Clinics African Journal of AIDS Research International Journal of Audiology American Journal of Audiology Journal of Otology	Reviewer
	SAAA (South African Association of Audiologists)	Board member: Universities representative
	South African Journal of Communication Disorders South African Journal of Childhood Education Pediatrics	Reviewer
Ms M le Roux	HPCSA Language And Culture: Speech Therapy Task Team	Appointed task team member
Ms TE Le Roux	South African Cochlear Implant Group	Member
Dr F Mahomed Asmail	International Journal of Audiology South African Journal of Communication Disorders	Reviewer
Dr L Pottas	South African Speech-Language Hearing Association (SASLHA)	Member: Ethics and Standards Committee
	International Journal of Pediatric Otorhinolaryngology South African Journal of Communication Disorders	Reviewer
Dr ME Soer	South African Speech-Language Hearing Association (SASLHA)	Member: Ethics and Standards Committee
	Society of Hearing Aid Acousticians (SHAA)	Lifelong honorary member
	South African Bureau of Standards	Member: Working Group 43, Acoustics
Ms E Krüger	South African Neurodevelopment Therapy Association (SANDTA)	Chair: North Gauteng branch
	Department of Health	Liaison: community service year
	South African Journal of Communication Disorders	Reviewer
Prof. DCD Swanepoel	International Society of Audiology (ISA)	President
	International Journal of Audiology	Editorial board member

Staff member	Body	Appointed position
	BMJ Open Ear and Hearing International Journal of Audiology International Journal of Pediatric Audiology Journal of Medical Internet Research Journal of Occupational and Environmental Hygiene Journal of Otorhinolaryngology Journal of Telemedicine and Telecare Journal of the American Academy of Audiology Lancet South African Journal of Communication Disorders South African Medical Journal Telemedicine and e-Health	Reviewer
Dr J Van der Linde	Represented the department at the Interuniversity meeting, August 2016	Member
	South African Journal of Communication Disorders PLOS-One Journal of Healthcare for the Poor and Underserved South African Journal of Child Health Folia Phoniatica et Logopaedica	Reviewer
	Research Organising Committee SASLHA	Member
	Towards Unity for Health	Member
Prof. BHME Vinck	Represented the departement at the Interuniversity meeting, August 2016	Member

STUDENT DEMOGRAPHICS 2016

Table 5.1 Student enrolment 2016 per home language

Pro-gramme	Academic level	Afrikaans	Afrikaans/English	English	German	IsiXhosa	IsiZulu	Other languages	Sepedi	Sesotho	Setswana	siSwati	Tshivenda	Xitsonga	Total
AUD	1	18	1	10		1	1		1	1			1	2	36
AUD	2	15	2	10			1								28
AUD	3	22	2	9			1					1		1	36
AUD	4	19	2	12	1		2					1			37
AUD Total		74	7	41	1	1	5		1	1		2	1	3	137
SLP	1	11	3	9	1		1		1						26
SLP	2	22	1	9					1	1					34
SLP	3	7	6	9					1		1				24
SLP	4	15	1	14							1				31
SLP Total		55	11	41	1		1		3	1	2				115

Table 5.2 Student enrolment 2016 per gender and race

Pro-gramme	Academic level	African		African Total	Co-loured		Co-loured Total	Indian		White		White Total	Total
		F	M		F	Total		F	Total	F	M		
AUD	1	5	2	7			4	4	24	1	25	36	
AUD	2	1		1			6	6	21		21	28	
AUD	3	4		4			5	5	27		27	36	
AUD	4	2	1	3	1	1	3	3	28	2	30	37	
AUD Total		12	3	15	1	1	18	18	100	3	103	137	
SLP	1	2		2			5	5	19		19	26	
SLP	2	3		3	3	3	1	1	27		27	34	
SLP	3	2		2			2	2	19	1	20	24	
SLP	4	1		1			3	3	27		27	31	
SLP Total		8		8	3	3	11	11	92	1	93	115	

F= Female; M=Male

Table 6 Undergraduate student awards 2015

Name	Award
Karina Swanepoel	SAAA Prize – Best final year student in practical Audiology
Yvonne Van Niekerk	Susan Swart Prize – Best final year student in Audiology
Liezl Van Wyk	SASLHA Prize - Best final year student in Speech-Language Pathology: Clinical
Karina Swanepoel	SASLHA Prize - Best final year student in Audiology: Clinical
Caylin Kruger	P De V Pienaar Prize – Best final year student in Speech Pathology: Academic
Shared: Janita Bester Lizel Coetzer	AB Clemons Award for best research project

6. TEACHING AND LEARNING

Table 6 Clinical contexts utilized for student training during 2016

Clinical training sites	Modules
1. Tertiary hospitals Chris Hani Baragwanath hospital, Dr George Mukhari hospital, Greys hospital, Kalafong hospital, King Edward VIII hospital, Pelenomi hospital, Red Cross War Memorial Children's hospital, Steve Biko Academic hospital	KMP 381 482 ODL 482 SPP 482
2. Secondary level hospitals Dundee Hospital, Edenvale hospital, Far East Rand hospital, George Regional hospital, Heidelberg hospital, Hillcrest hospital, Humansdorp hospital, Job Shimankana Thabane hospital, Louis Trichardt Memorial hospital, Mbabane hospital, Middelburg hospital, Murchison hospital, Polokwane hospital, Port Shepstone hospital, Tshwane District hospital and Witbank hospital	KMP 281 381 482 ODL 281 381 482
3. Private hospitals and Centres Eugene Marais hospital, Kloof hospital, Life Groenkloof hospital, Medforum hospital, Muelmed Rehabilitation centre, Intercare Sub-Acute hospital (Southdowns)	KMP 381 483 ODL 382 SPP 482
4. Primary health care clinics Daspoort Polyclinic, Eersterust clinic, Mamelodi Stanza I and II clinics, Zama-Zama health post	ODL 381 KMP 381 483
5. Specialized clinics/centres Facial Cleft Deformities Clinic, University of Pretoria Cochlear Implant Unit, Consultation Voice Clinic, CHRIB, Vestibular Laboratory, Whispers Early Childhood Development Centre, Brainlife Group Centre	KMP 110 482 ODL 481 482 SPP 181 210 482
6. Primary schools Brooklyn Primary School, Confidence College and Garsfontein Laerskool	ODL 281 SPP 281 381 382 482
7. Special schools Alma Centre, New Hope School, Pretoria School, Sonitus School, Via Nova School, Unica school	ODL 481 482 SPP 481 482
8. Nursery schools Chrysalis preschool, Little Leaps preschool, Sunnyside pre-primary school,	SPP 281 381
9. Support group Conversation group for people with aphasia, Speakeasy	SPP 482
10. Industries Panel beaters and industries, Noise Clipper	ODL 281 381
11. Speech, Voice and Hearing Clinic, Department of Speech-Language Pathology and Audiology	ODL 281 381 382 482 SPP 481 482
12. Clinic for High-Risk Babies (CHRIB), Department of Speech-Language Pathology and Audiology	KMP 210 220 482 ODL 381 SPP 381
13. Private audiology practices HASS, Mariet du Plooy, Hearing Innovations, Dr René Hornby	ODL 381 382, 482
14. Private speech-language therapy practices Celeste Conradie, Jacqui de Beer, Sienet Heyns, Karien Marais, Marna Mulder, Nelda Murray, Perusha Naicker, Wanda Nel, Isabel Schimper, Mariska Van Aswegen, Zandr� Van Zyl, Sonia Wills and Ursula Zsilavec�	SPP 281, 381, 382

7. RESEARCH

Articles (40) published by staff members and extraordinary professors in peer-reviewed journals during 2016

1. Alyami HMM, Soer ME, Swanepoel A, Pottas L (2016). Deaf or hard of hearing children in Saudi Arabia: Status of early intervention services. *International Journal of Otorhinolaryngology*, 86, 142-149.
2. Bettens K, De Bodt M, Maryn Y, Luyten A, Wuyts F, Van Lierde KM (2016). The relationship between the Nasality Severity Index 2.0 and perceptual judgments of hypernasality. *Journal of Communication Disorders*, 62, 67-81.
3. Bettens K, Wuyts F, D'haeseleer E, Luyten A, Meerschman I, Van Crayelnghe C, Van Lierde KM (2016). Short-term and long-term test-retest reliability of the Nasality Severity Index 2.0. *Journal of Communication Disorders*, 62, 1-11.
4. Bennett R, Jayakody D, Eikelboom RH, Taljaard D, Atlas M (2016). A prospective study evaluating cochlear implant management skills: Development and validation of the Cochlear Implant Management Skills survey. *Clinical Otolaryngology*, 41, 51-58.
5. Brennan-Jones C, Eikelboom RH, Swanepoel DCDW, Friedland P, Atlas M (2016). Clinical validation of automated audiometry with continuous noise-monitoring in a clinically heterogenous population outside a sound-treated environment. *International Journal of Audiology*, 55, 507-523.
6. Brennan-Jones C, Taljaard D, Brennan-Jones S, Bennett R, Swanepoel DCDW, Eikelboom RH (2016). Self-reported hearing loss and manual audiometry: A rural versus urban comparison. *Australian Journal of Rural Health*, 24, 130-135.
7. Bucks R, Dunlop P, Taljaard D, Brennan-Jones C, Hunter M, Wesnes K, Eikelboom RH (2016). Hearing loss and cognition in the Busselton Baby Boomer Cohort: An epidemiological study. *The Laryngoscope*, 126, 2367-2375.
8. Claassen D, Pieterse J, Van der Linde J, Kruger E, Vinck BHME (2016). Risks for communication delays and disorders in infants in an urban primary healthcare clinic. *South African Journal of Child Health*, 10(1), 25-28.
9. Coco L, Champlin C, Eikelboom RH (2016). Community-based intervention determines tele-audiology site candidacy. *American Journal of Audiology*, 25, 264-267.
10. De Kock T, Swanepoel DCDW, Hall J (2016). Newborn hearing screening at a community-based obstetric unit: Screening and diagnostic outcomes. *International Journal of Otorhinolaryngology*, 84, 124-131.
11. D'haeseleer E, Geenens E, Parmentier S, Corthals P, Van Lierde KM (2016). Language development of three- to twelve-year-old twins compared to singletons. *Folia Phoniatrica et Logopaedica*, 68, 92-98.
12. Eikelboom RH, Swanepoel DCDW (2016). International survey of audiologists' attitudes towards telehealth. *American Journal of Audiology*, 25, 295-298.
13. Engelbrecht (Potgieter) J, Swanepoel DCDW, Myburgh HC, Hopper TC, Smits C (2016). Development and validation of a smartphone-based digits-in-noise hearing test in South African English. *International Journal of Audiology*, 55, 405-411.
14. Fyvie L, Anderson L, Kruger CJ, Le Roux M, Van der Linde J (2016). The outcomes of a developmental screening tool (PEDS) in English and Northern Sotho: A comparative study. *Language Matters*, 47(3), 415-426.
15. Hall J (2016). Effective and efficient pre-school hearing screening: Essential for successful early hearing detection and intervention (EHDI). *Journal of Early Hearing Detection and Intervention*, 1, 2-12.
16. Hall J (2016). Objective assessment of infant hearing: Essential for early intervention. *Journal of Hearing Science*, 6, 1-17.
17. Hall J (2016). Crosscheck principle in Pediatric Audiology Today: A 40-year perspective. *Journal of Audiology & Otology*, 20, 59-67.
18. Kaspar A, Kei J, Driscoll C, Swanepoel DCDW, Goulios H (2016). Overview of a public health approach to pediatric hearing impairment in the Pacific Islands. *International Journal of Pediatric Otorhinolaryngology*, 86, 43-52.

19. Le Roux TE, Vinck BHME, Butler I, Cass N, Louw EM, Nauta L, Schlessinger D, Soer ME, Tshifularo M, Swanepoel DCDW (2016). Predictors of paediatric cochlear implantation outcomes in South Africa. *International Journal of Pediatric Otorhinolaryngology*, 84, 61-70.
20. Luyten A, Bettens K, D'haeseleer E, Hodges A, Galiwango G, Vermeersch H, Van Lierde KM (2016). Short-term effect of short, intensive speech therapy on articulation and resonance in Ugandan patients with cleft (lip and) palate. *Journal of Communication Disorders*, 61, 71-82.
21. Mahomed-Asmail F, Swanepoel DCDW, Eikelboom RH (2016). Hearing loss in urban South African school children (Grade 1 to 3), *International Journal of Pediatric Otorhinolaryngology*, 84, 27-31.
22. Mahomed-Asmail F, Swanepoel DCDW, Eikelboom RH (2016). Diagnostic hearing assessment in schools: Validity and time efficiency of automated audiometry. *Journal of the American Academy of Audiology*, 27, 42-48.
23. Mahomed-Asmail F, Swanepoel DCDW, Eikelboom RH (2016). Referral criteria for school-based hearing screening in South Africa: Considerations for resource-limited contexts. *Health SA Gesondheid*, 21, 96-102.
24. Mahomed-Asmail F, Swanepoel DCDW, Eikelboom RH, Myburgh HC, Hall J (2016). Clinical validity of hearScreen™ Smartphone hearing screening for school children. *Ear and Hearing*, 37, 11-17.
25. Maleka BK, Van der Linde J, Glascoe F, Swanepoel DCDW (2016). Developmental screening – Evaluation of an m-Health version of the Parents' Evaluation Developmental Status Tools. *Telemedicine and e-Health*, 22(12), 1013-1018.
26. Margolis R, Wilson R, Popelka G, Eikelboom RH, Swanepoel DCDW, Saly G (2016). Distribution characteristics of air-bone gaps: Evidence of bias in manual audiometry. *Ear and Hearing*, 37, 177-188.
27. Moodley P, Kritzinger AM, Vinck BHME (2016). Variables associated with Grade R English additional language acquisition in multilingual rural Mpumalanga schools. *South African Journal of Education*, 36(3), 1-15.
28. Muller C, Kritzinger A, Pottas L, Bodenstern L (2016). Reliability of the Functional Auditory Performance Indicators to monitor progress in 5-year-old children with autism spectrum disorder. *South African Journal of Childhood Education*, 6 (1), a492, [http:// dx.doi.org/10.4102/sajce.v6i1.492](http://dx.doi.org/10.4102/sajce.v6i1.492).
29. Myburgh HC, van Zijl W, Swanepoel DCDW, Hellström S, Laurent C (2016). Otitis media diagnosis for developing countries using tympanic membrane image-analysis. *EBioMedicine*, 5, 156-160.
30. Opheim L, Hellman IJ, Engström-Laurent A, Laurent C (2016). Hyaluronan in human vocal folds in smokers and nonsmokers – A histochemical study. *Journal of Voice*, 30(3), 255-262.
31. Pike C, Pike M, Kritzinger AM, Krüger E, Viviers MM (2016). Risk profiles of infants ≥32 weeks gestational age with oropharyngeal and oesophageal dysphagia in neonatal care. *South African Journal of Child Health*, 10(2), 130-133.
32. Sandström J, Swanepoel DCDW, Myburgh HC, Laurent C (2016). Smartphone threshold audiometry in underserved primary healthcare contexts. *International Journal of Audiology*, 55, 232-238.
33. Tegg-Quinn S, Bennett R, Eikelboom RH, Baguley D (2016). The impact of tinnitus upon cognition in adults: A systematic review. *International Journal of Audiology*, 55 (10), 533-540.
34. Van der Aerschoot MMK, Swanepoel DCDW, Mahomed-Asmail F, Myburgh HC, Eikelboom, RH (2016). Affordable headphones for accessible screening audiometry: An evaluation of the Sennheiser HD212 II supra-aural headphone. *International Journal of Audiology*, 55, 616-622.
35. Van der Linde J, Swanepoel DCDW, Sommerville JEM, Glascoe F, Vinck BHME, Louw EM (2016). Prevalence and nature of communication delays in a South African primary healthcare context. *South African Journal of Child Health*, 10(1), 87-91.
36. Van der Linde J, Swanepoel DCDW, Hanekom L, Lemmer T, Schoeman K, Glascoe F, Vinck BHME (2016). Early detection of communication delays with the PEDS tools in at-risk South African infants. *African Journal of Disability*, 5(1), 1-5.
37. Van Wyk A, Eksteen CA, Becker PJ, Heinze B (2016). A cross-sectional survey and cross-sectional clinical trial to determine the prevalence and management of eye movement disorders and vestibular dysfunction in post-stroke patients in the sub-acute phase: Protocol. *Frontiers in Neurology*, 7(140), 1-20.
38. Vinck BHME, Pretorius (Freeman) J, Soer ME (2016). Short-term effects of simultaneous cardiovascular workout and personal music device use on the outer hair cell function of young adults. *Health SA Gesondheid*, 21,232-330.

39. Viviers MM, Kritzinger AM, Vinck BHME (2016). Development of a clinical feeding assessment scale for very young infants in South Africa. *South African Journal of Communication Disorders*, 63(1), 1-11.
40. Yousuf-Hussein S, Swanepoel DCDW, Biagio-de Jager L, Myburgh HC, Eikelboom RH, Hugo JFM (2016). Smartphone hearing screening in mHealth assisted community-based primary care. *Journal of Telemedicine and Telecare*, 22(7), 405-412.

Chapter in a book

Eikelboom RH, Swanepoel DCDW (2016). Teleaudiology. In H Eren & J Webster (Eds.), *Telemedicine and electronic medicine*. USA: CRC Press (Taylor and Francis Group). pp539-560.

Table 7.1 International conference papers and posters by staff members 2016

Conference name, country and date	Presentation or Poster Title	Presenter/s
Dysphagia Research Society Annual Meeting 25 - 27 Feb 2016 Tucson, Arizona, USA	Paper: Validity and reliability of the neonatal feeding assessment scale [Best research paper and New Investigators Prize] Poster: The development and preliminary performance of a newly developed Infant Feeding Assessment Scale	Ms MM Viviers Prof. AM Kritzinger
Annual conference, British Society of Audiology 25 - 27 April 2016 Coventry, UK	Making hearing health more accessible – advances in technology and ubiquity of connectivity [Keynote address]	Prof. DCD Swanepoel
31st International Meeting of Audiology 26 - 28 May 2016 São Paulo, State of São Paulo, Brazil	National smartphone hearing test [Invited speaker]	Prof. DCD Swanepoel
Heal 2016: Hearing across the lifespan 2 - 4 June 2016 Cernobbio, Lake Como, Italy	Poster: Effects of 24h sleep deprivation on temporal resolution	Dr L Pottas Dr ME Soer
	Smartphone-based national hearing test for South Africa – development, validation and uptake [Invited speaker]	Prof. DCD Swanepoel
	Enhancing ear and hearing health access for children with technology and connectivity	Prof. DCD Swanepoel

Table 7.2 Papers and posters delivered by staff members at national conferences or workshops in 2016

Authors	Title of paper	Conference name	Venue	Date
Dr F Mahomed Asmail	School-based hearing screening and diagnosis using automated and mobile health technologies	The 52th ENT/SASLHA/SAAA Congress	Johannesburg	8-10 Oct
Dr L Pottas	Auditory integration training and other sound therapies: What we need to know			
Dr J Van der Linde	Early detection of communication delays with the PEDS tools in at-risk South African infants			

Authors	Title of paper	Conference name	Venue	Date
with L Van Wyk, M Cloete, D Hattingh and S Geertsema	The effect of hydration on voice quality of future professional vocal performers Best poster presentation at conference Session 10 chair			
Dr M Van Zyl Prof. DCD Swanepoel	Speech audiometry in South Africa – a smartphone approach towards standardisation and accessibility			
Prof. BHME Vinck	Tinnitus and hyperacusis: A clinical update			
Ms MM Viviers Prof. A Kritzinger	Paper: The development of the Neonatal Feeding Assessment Scale			
Ms MM Viviers Prof. A Kritzinger	Poster: The Neonatal Feeding Assessment Scale – a reliable and valid assessment tool for the South African context			
Dr J Van der Linde	Developmental screening and communication delays in infants: A South African primary health care perspective	Department of Health Gauteng: ECI screening tool workshop	Johannesburg	16 - 17 February

Table 7.3 Participation of staff in departmental seminar 11-13 Feb 2016: Hearing Today and Tomorrow

Staff member	Presentation
Prof. DCD Swanepoel	HearScreen development and mHealth for hearing healthcare
Prof. BHME Vinck	Clinical masking revisited: The additional role of tuning fork testing and immittance testing

Table 7.4 Participation of staff in departmental seminar SpeakUP! 6-7 Sep 2016: Current trends in evidence-based clinical research

Staff member	Presentation
Audiology Programme	
Dr L Biagio de Jager	Auditory evoked potentials: ABR, MMN and P300
Dr BM Heinze	Video Head Impulse Testing (vHIT): Clinical role in the diagnosis of vertigo
Dr BM Heinze (with Ms R Olinger, Drs Laura Leysens and Ms Iris Maes)	Vestibular evoked myogenic potentials: Multicentric research findings
Ms TE le Roux	Predictors of cochlear implant outcomes in South Africa
Dr F Mahomed Asmail	Access to hearing healthcare in a school setting
Dr L Pottas	Auditory Processing Disorders: Are you testing what you think you are testing?
Dr ME Soer	Ethical dilemmas in Audiology
Prof. BHME Vinck	<ul style="list-style-type: none"> - The clinical role of admittance testing for the audiology practice - Noise induced hearing loss and tinnitus: Mechanisms, diagnostics and treatment

Staff member	Presentation
Speech-Language Pathology Programme	
Ms S Abdoola	Dysfluency and multilingualism
Ms S Geertsema	Motor learning principles in the treatment of speech sound disorders (SSD)
Prof. AM Kritzinger	26 years of CHRIB
Ms E Krüger	Breastfeeding and swallowing in a neonate with hypoxic encephalopathy and HIV-exposure
Ms M le Roux	The value of phonemic awareness training in the English language of learning and teaching (ELoLT) classroom
Ms R Mosca	Be smart, plan SMART
Ms R Mosca and Ms BS Pillay	Strategies and techniques in parental and teacher training
Ms BS Pillay	Principles of group therapy for clients with aphasia
Dr J Van der Linde (with Ms K Maleka)	Early identification of developmental delays in South Africa
Dr J Van der Linde and Ms E Krüger	The use of non-speech oral motor exercises (NSOMEs) in treating SSD: Fact or fiction?
Dr J Van der Linde (with Ms M Zastron)	Principles for assessment and treatment of the professional voice user

Table 7.5 Staff participation in Faculty of Humanities Research Day 8 Sep 2016

Name	Presentation
Ms TE le Roux	Predictors of paediatric cochlear implant outcomes in South Africa

Table 7.6 Undergraduate research projects 2016

Project title	Students	Supervisors	ODL/SPP
Phonemic awareness skills of English first and English second language learners in early Grade 1	Maxine Alves Kerryn Jeary	Ms M le Roux Dr J Van der Linde Dr L Pottas	SPP
Master's research proposal: The functional auditory performance of English second language learners in Grade 1	Kate-Lyn Anderssen	Prof. AM Kritzinger Dr L Pottas	SPP
Feeding practices of infants with cleft lip and palate in a facial cleft deformities clinic	Karla Bekker Solette Botha Hannah Van der Wal	Ms E Krüger Prof. AM Kritzinger	SPP
Is a history of otitis media associated with delayed language and emergent literacy development of young children 41-56 months?	Danielle Scrutton Suané Stander Corli Viljoen	Prof. AM Kritzinger	SPP
Nature and characteristics of feeding problems in infants with cleft lip and palate associated conditions	Jessica Zambatis Sophia Marx Bronwyn Marucchi	Ms E Krüger Prof. AM Kritzinger	SPP
Temporal ordering in normal hearing adults: Tonal versus non-tonal language as a method of response	Reetal Jani Jeanne-Mari Hofmeyr Sylvia Vronka	Dr L Pottas	ODL

Project title	Students	Supervisors	ODL/SPP
Master's research proposal: Health related quality of life in South African children who use cochlear implants	Bianca Brewis	Ms TE le Roux Dr K Schlemmer Prof. BHME Vinck	ODL
Master's research proposal: Phonological awareness and speech perception in noise: Skills of English second language learners in Grade 1	Casey Eslick	Ms M le Roux Dr L Pottas Ms S Geertsema	SPP
The reported incidence and nature of voice disorders in the private healthcare context of Gauteng	Kayla Fourie Maeve Richardson	Dr J Van der Linde Ms S Abdoola	SPP
The effect of short-term music overexposure on cervical vestibular myogenic potentials	Kevin Faure Lelanie Nagel Lilani Nigrini Engela Opperman	Prof. BHME Vinck Dr BM Heinze	ODL
Prevalence of surgically-induced semicircular canal dehiscence after vestibular schwannoma resection	Izelle Botha Natashia Ellerbeck	Dr BM Heinze Dr L Biagio De Jager	ODL
Audiometric and digits-in-noise findings in adults with an intracranial vestibular schwannoma	Monja Brown Megan Unwin	Dr L Biagio De Jager Dr BM Heinze	ODL
Master's research proposal: Audiovestibular function in adults with type 2 diabetes mellitus	Danielle Minnaar	Prof BHME Vinck Dr BM Heinze Prof. P Rheeder	ODL
Master's research proposal: Prevalence and nature of feeding problems in infants in primary healthcare	Nichole Fuls	Ms E Krüger Dr J Van der Linde	SPP
Language functioning of toddlers with and without a history of otitis media	Cayla James Elaine Van der Linde Madeleen Pretorius	Prof. AM Kritzinger	SPP
Validation of smartphone-based screening of older adults conducted by lay persons	Hilda Faurie Rikus Grobler	Dr F Mahomed Asmail Prof. DWD Swanepoel	ODL
Master's research proposal: Feeding characteristics of infants with HIV exposure and cleft lip and palate	Erantia Visser	Ms E Krüger Prof. AM Kritzinger	SPP
Feedback frequency in children with speech sound disorders	Yaseera Motani Banita Nagar Elayné Verster Charissa Van Niekerk	Ms S Geertsema Ms M Le Roux Ms S Abdoola	SPP
Temporal resolution in non-musicians and musicians with formal music training	Charné Napier Bax Sakhile Nkosi	Dr L Pottas Dr ME Soer	ODL
Master's research proposal: Frequency correlation of CE-chirp evoked response in adults with a low frequency sensorineural hearing loss	Zandri Van Dyk	Prof. BHME Vinck Dr L Biagio De Jager	ODL

Project title	Students	Supervisors	ODL/SPP
Master's research proposal: Validation of the smartphone applications, hearScreen™ and HearZA in a HIV clinic	Marize Brittz	Dr BM Heinze Dr F Mahomed Asmail Prof. A Stoltz	ODL
The influence of musical training on the speech recognition in noise in adults with normal hearing	Kaye Stierner Tahiya Cassim	Dr ME Soer Ms TE Le Roux	ODL
Validity of a simple speech in noise test to screen for hearing loss in children	Kaylyn Pienaar Jacomien Taljaard	Prof. DCD Swanepoel Dr F Mahomed Asmail	ODL
Digits-in-noise test in children - Age norms for English first and additional language speakers	Maria Visser Nelisiwe Methula Sinokubonga Zulu	Prof. DCD Swanepoel Dr F Mahomed Asmail	ODL
The effect of different reported masking formulae on audiometric pure tone bone conduction test results	Christelle Bennet Christine Schoonraad Lynette Swanepoel	Dr ME Soer Ms TE Le Roux	ODL
Master's research proposal: Late latency auditory evoked potentials in individuals with single sided deafness and cochlear implants	Meghan Pike	Dr L Biagio De Jager Ms TE Le Roux	ODL
Master's research proposal: Supporting hearing health for vulnerable populations affected and infected by HIV/AIDS using mobile technologies	Tanith Van Wyk	Prof. DCD Swanepoel Dr F Mahomed Asmail	ODL
Master's research proposal: The effect of sleep deprivation on temporal resolution and speech-in-noise skills of normal hearing young adults	Bianka Nieubuhr	Dr L Pottas Dr ME Soer	ODL
Perceptual judgment in speech sound disorders: Revisiting the McGurk effect in English additional language learners	Pauli Van der Mescht	Ms S Geertsema Ms M Le Roux	SPP
The effect of partial sleep deprivation (24h) on temporal ordering tasks and auditory attention	Fatima Mahomed	Dr L Pottas Dr ME Soer	ODL
Master's research proposal: Vestibulo-ocular reflex and ocular motor functioning in reading (decoding) dyslexia	Chavonne Foord	Dr BM Heinze Ms S Geertsema	ODL
Master's research proposal: Vocal characteristics of school-aged children with Attention Deficit Hyperactivity Disorder in South Africa	Daniella-Taylyn Moodley	Dr J Van der Linde Ms S Abdoola Prof. DCD Swanepoel	SPP

Project title	Students	Supervisors	ODL/SPP
Vocal characteristics in developmental stuttering: A descriptive study	Anél Botha Mignon Erasmus Elizbé Ras	Dr J Van der Linde Ms S Abdoola	SPP

Table 7.5 Postgraduate research: MCommunication Pathology degrees completed 2016

Student	Title	Supervisors and examiners
1. Coetzer C	Noise levels in a South African bank cash centre	Supervisor: Prof. BHME Vinck Co-supervisor: Dr L Pottas Internal examiner: Dr ME Soer External examiner: Dr E de Koker (private practice)
2. De Kock T*	Infant hearing screening at a community-based obstetric unit: A comparative study of screening technology and outcomes	Supervisor: Prof. DCD Swanepoel Co-supervisor: Prof. JW Hall Internal examiner: Ms TE le Roux External examiner: Prof. MS Harrison (University of North Carolina – Chapel Hill, USA)
3. Havenga E*	Tele-intervention for children with hearing loss: A comparative study	Supervisor: Prof. DCD Swanepoel Co-supervisor: Ms TE le Roux Internal examiner: Dr ME Soer External examiner: Prof. KT Houston (University of Akron, USA)
4. Henen T	The vestibular evoked myogenic potential profiles of adults post vestibular neurectomy as compared to adults with and without Ménière's disease	Supervisor: Prof. BHME Vinck Co-supervisor: Dr BM Heinze Internal examiner: Dr ME Soer External examiner: Ms CJ Rogers (University of Cape Town)
5. Jones GL*	Tone variation in Tswana-speaking individuals: The effect of voice disorders	Supervisor: Prof. A Van der Merwe Co-supervisors: Dr J Van der Linde; Ms M le Roux Internal examiner: Ms E Krüger External examiner: Prof. HL Jordaan (University of the Witwatersrand)
6. Maleka BK*	Smartphone-based developmental screening by community healthcare workers	Supervisor: Prof. DCD Swanepoel Co-supervisor: Dr J Van der Linde External examiners: Prof. PA Prelock (University of Vermont, USA) Dr BO Olusanya (Centre for Healthy Start Initiative, Lagos, Nigeria)
7. Letsoalo NA	The influence of information counselling on the Tinnitus Handicap Inventory (THI) of patients with bothersome tinnitus	Supervisor: Dr ME Soer Co-supervisor: Dr BM Heinze Internal examiner: Dr L Pottas External examiner: Dr S Cummings (private practice)
8. Pike T	Feeding intervention in children with cerebral palsy over an 18-month-period in rural Eastern Cape	Supervisor: Prof. AM Kritzingler Internal examiner: Ms E Krüger External examiner: Ms A Stipinovich (private practice)

Student	Title	Supervisors and examiners
9. Yusouf-Husein S	Smartphone hearing screening in mHealth assisted community – based primary care	Supervisor: Prof. DCD Swanepoel Co-supervisor: Dr L Biagio-de Jager Internal examiner: Dr J Van der Linde External examiner: Prof. J Smart (Towson University, USA)

* Degree obtained with distinction

Table 7.6 Postgraduate research: PhD degrees completed 2016

Candidate	Thesis	Promoters and examiners
Mahomed Asmail F	School-based hearing screening and diagnosis using automated and mobile health technologies	Promoter: Prof. DCD Swanepoel Co-promoter: Prof. RH Eikelboom Internal examiner: Dr L Pottas External examiners: Prof. CE Johnson (University of Oklahoma Health Sciences Center, USA) Prof. N Nicholson (University of Arkansas for Medical Sciences, USA)
Van der Linde J	Developmental screening and communication delays in infants: A South African primary healthcare perspective	Promoter: Prof. BHME Vinck Co-promoter: Prof. DCD Swanepoel External examiners: Prof. B Louw (East Tennessee State University, USA) Prof. AM Wium (Sefako Makgatho Medical University) Dr M Harty (University of Cape Town)

8. COMMUNITY ENGAGEMENT

Table 8.1 Department of Speech-Language Pathology and Audiology as continuous professional development (CPD) accreditor during 2016

Different service providers	Number of service providers or individuals	Number of activities accredited
Journal clubs	3	24
Individuals who supervised student training	14	14
Level 3 activities: Individuals earning continuous educational units (CEUs) for postgraduate studies or post doctorate fellow	3	3
Organizations, departments, hospitals and groups presenting workshops and seminars	9	31
Individuals presenting training seminars	0	0
Individuals earning CEUs as principal presenters of papers or principal authors of articles in a peer-reviewed journal	4	4
CPD articles provided to members of a professional body	4	33
Personal CPD activities: Conference, seminar, workshop attendance, external examination	5	6
Total	42	115

Table 8.2 Community engagement activities undertaken by staff members 2016

Member of staff	Organisation and location	Date
Ms S Abdoola	Chair CPD Accreditation Committee	2016
Ms S Geertsema	RADA liaison person for social media. www.disleksie.co.za .	2016
Prof. AM Kritzinger	SASLHA Radio phone-in programme on SAfm on Down syndrome Talk on: Dealing with students with disabilities, Faculty of Humanities tutor training	22 March 28 & 29 Jan
Ms E Krüger	Talk on communication development and hearing at the Facial Clefts and Deformities Clinic parent support group training session	1 Oct
Dr F Mahomed Asmail	CPD Accreditation Committee member	2016
Ms R Mosca	Assisted in providing the staff of Zama Zama nursery school with uniforms Participated with 3 rd and 4 th year ODL and SLT students for Down Syndrome Awareness Day for the Tshwane Down Syndrome Association SABC: Health Talk (Channel 404): Autism Spectrum Disorder panel for International ASD day Presented at Nutrition and Food Security Workshop: Lessons learned from a COPC project	2 April 16 April 22 Nov
Dr L Pottas	Oral presentation at OTASA working group: Auditory Integration and other sound therapies	28 Oct
Mr JJ Schoeman	Raising community awareness for persons with Down syndrome: Played the character of Kosie, delivery man for the butcher in the soapie, Sewende Laan, on SABC 2	7 March 27 April 24 Aug 3 Oct 28 Dec
Prof. DCD Swanepoel	Radio 5FM, SA's National Hearing Test hearZA SABC 2 news television interview Espresso morning show	October 3 March 3 March

SPECIALIST CLINIC: CLINIC FOR HIGH-RISK BABIES (CHRIB)

Table 9 CHRIB student training and client profile in 2016

Description of activities and client characteristics		Number
Undergraduate student training	BCommunication Pathology IV (Intensive training)	64 students
	BCommunication Pathology III	28 observations
	BCommunication Pathology II	91 observations
	BA Speech-Language Pathology I BA Audiology	64 observations
	BOccupational Therapy II	44 students
Postgraduate student training	MEducational Psychology final year	11 students
Assessments (n=58): Parents and young children	Initial assessments	41
	Mean age in months	34.04
	Age range in months	12 - 59
	Re-assessments	17
Number of families who received intervention at CHRIB		33
Primary developmental conditions in the clients (n=58)	Low birth weight/preterm birth	11
	Suspected and confirmed autism spectrum disorder	10
	Global developmental delay	9
	Primary language impairment	8
	Suspected foetal alcohol spectrum disorder and prenatal drug exposure	4
	Syndromes, including Van der Woude, Down syndrome	3
	Sensorineural hearing loss	3
	Non-syndromic cleft lip and palate	2
	Auditory neuropathy spectrum disorder	2
	Cerebral palsy	2
	Recurrent otitis media	2
	Suspected ADHD	2
	Total	58
Geographical distribution of client families (n=58)	Tshwane Metropolis	54
	Gauteng	2
	Mpumalanga	1
	Limpopo	1
	Total	58
Home language diversity of client families (n=58)	Afrikaans	20
	English	18
	Sepedi/Northern Sotho	6
	Setswana	4
	isiXhosa	4
	isiZulu	2
	Tshivenda	2
	IsiNdebele	1
	Shona	1
Total	58	

10. INTERNATIONAL VISITS, VISITORS AND COLLABORATION

Table 10.1 International visitors received in 2016

Country	Visitor received	Institution name	Purpose
Belgium	Prof. Leen Maes	University of Ghent	Keynote speaker at the SpeakUP! seminar
Belgium	Drs Laura Leysens	Assistant Lecturer, University of Ghent	Participated in the SpeakUP! seminar
Sweden	Prof. Claude Laurent	Umeå University, Sweden	Research supervision of postgraduate students
USA	Prof. Dolores Battle	Professor Emeritus and Lecturer in Speech-Language Pathology at Buffalo State College (State University of New York)	Presented a workshop to staff and postgraduate students
USA	Prof. Jackie Clark	University of Texas at Dallas	Presented a lecture
USA	Dr Dave Fabry	Managing Director Starkey Hearing Technologies, Minnesota	Participated in a seminar
USA	Prof. Diane Kendall	Chair: Speech and Hearing Sciences, University of Washington, Seattle Research Scientist VA Medical Center Puget Sound	Research collaboration and consultation meetings with staff
USA	Prof. Rhea Paul	Director of the Communication Disorders section in the Developmental Disabilities Clinic, Yale School of Medicine, New Haven, Connecticut	Presented a workshop to staff, postgraduate students and clinical supervisors
USA	Dr Dennis Van Vliet	Starkey Hearing Technologies, Minnesota	Participated in a seminar