

Fakulteit Geesteswetenskappe  
Faculty of Humanities

Department of Speech-Language Pathology and  
Audiology  
Established in 1959

# ANNUAL REPORT 2015

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Prof. Alta Kritzinger  
Co-workers: Departmental staff



UNIVERSITEIT VAN PRETORIA  
UNIVERSITY OF PRETORIA  
YUNIBESITHI YA PRETORIA

Denkleiers • Leading Minds • Dikgopolo tša Dihlalefi

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## **1. THE YEAR 2015 IN RETROSPECT**

Dear Colleagues

The year 2015 was the first year of my second term as HoD of the Department and my second year as Cluster Head of the Applied Social Science Cluster.

In terms of Human Resources we regret to see another very dedicated staff member and expert in fluency disorders, Ms Ursula Zsilavec, leaving our Department because of retirement. We are however very excited she is still assisting us in guiding our postgraduate students, coordinating the Speak-Easy group and playing an essential role in the management structure of SASLHA. We all wish her a very fruitful and especially a long, healthy and interesting future.

We were also very pleased to welcome in 2015 two new permanent staff members for SPP in the Department, Ms Bhavani Pillay and Ms Shabnam Abdoolah. We hope they find their feet well in the Department and wish them a very interesting and successful academic career.

We want to congratulate Dr Heinze for her promotion to Senior Lecturer in the Department and we congratulate Prof. Swanepoel for obtaining a very prestigious NRF B-rating.

From a research point of view the year 2015 was very successful and the applied changes in the M and D programmes are already showing off its success. In 2015 more than 18 postgraduate students successfully completed their Master's Degree, and three Doctorate students completed their studies. We want to congratulate both Dr Leigh Biagio De Jager and Dr Jeannie Van der Linde for their academic achievements. The new fast track Master's programme will definitely bring more research success to the Department.

The Department was also very successful in obtaining many research grants, very much due to the hard work and achievements of Prof. De Wet Swanepoel. I would like to congratulate Prof. Swanepoel for his ongoing drive to create awareness for hearing loss and present innovative solutions. I would like to mention as well the R3 million grant Dr Heinze and myself received from the Oticon Foundation in Denmark, allowing us to have the first electronic rotary chair installed in Africa for advanced vestibular interdisciplinary research.

We also can look back to a very fruitful year both in terms of teaching and clinical work. I want to thank personally all staff, both permanent and temporary staff to make our undergraduate and postgraduate programmes a success. The throughput rates of our students are far above average and targets and our alumni are showing a high degree of competence in the field.

Finally, I want to thank Ria, Ansie, Kgomotso, Daisy, and Kosie for their ongoing and high quality administrative and logistical support in the Department. With all of you this train would never reach its terminal at the end of the academic year. Thank you so much.

**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 2015**

Position	Staff member	Post number
Head of Department	Prof. BHME Vinck	1337
Professors	Prof. A van der Merwe	1342 Retired Dec 2015
	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
Associate Professor	Prof. AM Kritzinger	1341
Senior Lecturers	Dr BM Heinze	1348
	Dr L Pottas	1348
	Dr ME Soer	0676
Lecturers	Ms S Abdoola	0886
	Dr L Biagio De Jager	1345
	Ms S Geertsema	1347
	Ms E Krüger	1351
	Ms M Le Roux	1340
	Ms TE Le Roux	1346
	Ms CM Louw	1367
	Ms F Asmail Mahomed	12009
	Ms BS Pillay	1342
	Ms J van der Linde	1343
	Ms UL Zsilavec	0886 Retired June 2015
Replacement staff	Ms K Podile	Replacing Ms M Le Roux
	Ms C van Zyl	Replacing Ms S Geertsema
Supporting Staff	Ms N Celetana	1363
	Mr KR Drews	
	Ms K Maleka	
	Ms I Schimper	UP Grant
Clinical Supervisors	Ms C Louw	Department of Education Funding
	Ms R Mosca	
	Ms H Mapisa	
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 D Moodley	0449
	Ms M Pike	
	Ms M Steyn	
	Ms S Yousuf-Hussain	
Audiology Private Practice	Ms I Heymann	Private
	Ms L Hugo	
	Ms C Visser	
	Ms G Nel	
Pretoria Cochlear Implant Unit	Ms M Beukes	Private
	Ms N Cass	
	Ms T van Zyl	
	Ms E Zybrands	
Cleaning Staff	Ms S Mokgalaka	Global Cleaning Services
	Ms T Ratau	



### **Departmental staff 2015**

Front row: Prof. DCD Swanepoel, Dr BM Heinze, Dr L Biagio de Jager, Ms J van der Linde, Prof BHME Vinck, Prof. AM Kritzinger, Dr ME Soer, Dr L Pottas

Second row: Ms C Louw, Ms BS Pillay, Ms S Abdoola, Mr K Modise, Ms R Viljoen, Ms AMF van Niekerk, Ms K Podile, Mr JJ Schoeman

Last row: Ms F Mahomed Asmail, Ms S Yousuf Husain, Ms C van Zyl, Ms E Krüger, Ms CM Louw, Ms TE le Roux

**Table 2 Major achievements by staff members 2015**

Staff member	Achievements
Dr L Biagio de Jager	Obtained doctoral degree
Ms S Geertsema	NRF Sabbatical Grant
Ms M Le Roux	NRF Sabbatical Grant
Prof. DCD Swanepoel	<p><i>hearScreen</i><sup>™</sup> smartphone hearing screening innovation (inventors: Prof De Wet Swanepoel &amp; Dr Herman Myburgh) was awarded SA Innovation Award in the category of community innovation</p> <p><i>hearScreen</i><sup>™</sup> smartphone hearing screening innovation (inventors: Prof De Wet Swanepoel &amp; Dr Herman Myburgh) won the Innovation Edge award at the SA Innovation Summit Philips innovation fellowship competition winner 2015</p> <p>NRF B-rating</p>
Ms J van der Linde	TUKS Young Research Leadership Program (TYRLP) Fellow
Prof. BHME Vinck Dr BM Heinze	Received a R3 million grant from the Oticon Foundation for a state-of-the art diagnostic and research auditory-vestibular laboratory

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

Staff member	Committee	Portfolio
Dr L Biagio de Jager	University of Pretoria Cochlear Implant Unit	Member
Dr BM Heinze	Marketing Committee: Faculty of Humanities	Member
	University of Pretoria Cochlear Implant Unit	Member
Prof. AM Kritzinger	Teaching and Learning Committee: Faculty of Humanities	Member
	Integrated Health Leadership working group: School of Healthcare Sciences	Member
Ms TE le Roux	University of Pretoria Cochlear Implant Unit	Member
Ms CM Louw	University of Pretoria Cochlear Implant Unit	Member
Ms F Mahomed Asmail	Marketing Committee: Faculty of Humanities	Member
	Integrated Health Leadership working group: School of Healthcare Sciences	Member
Dr L Pottas	Research Committee: Faculty of Humanities	Member
Dr ME Soer	University of Pretoria Cochlear Implant Unit	Member
Prof. DCD Swanepoel	Postgraduate Research Committee: Faculty of Humanities	Member
Ms J van der Linde	Research Information System: Faculty of Humanities	Member

Staff member	Committee	Portfolio
	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
	University of Pretoria Cochlear Implant Unit	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	The National Red Apple Dyslexia Association	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	Reviewer
	SAAA (South African Association of Audiologists)	Board member: Universities representative
Prof. AM Kritzinger	South African Neonate, Infant and Toddler Support Association (SANITSA)	Board Member: Speech-Language Therapy
	South African Journal of Communication Disorders South African Journal of Childhood Education	Reviewer
Ms TE Le Roux	South African Cochlear Implant Group	Member
Ms 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
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 committee
	Department of Health	Liaison: community service year
Prof. DCD Swanepoel	World Health Organization (WHO), International Classification of Functioning and Health (ICF) steering committee	Member, representing Africa for the development of a Core Set of questions for classification of hearing impairment as a chronic health condition (2008 – 2011)
	International Society of Audiology (ISA)	Co-chair of the Task Force of the American Academy of Audiology for Tele-Audiology



Staff Member	Body	Appointed position
	International Society of Audiology (ISA)	Executive Board member, President-Elect
	South African Association for Audiology	Ethics committee member
	International Journal of Audiology The International Journal of Health Science Education Journal of Speech, Language and Hearing Research (Guest editor)	Editorial board member
	International Journal of Audiology International Journal of Pediatric Otorhinolaryngology Journal of Occupational and Environmental Hygiene Ear and Hearing South African Medical Journal South African Journal of Communication Disorders Journal of Telemedicine and Telecare Telemedicine and e-Health Journal of the American Academy of Audiology BMJ Open Journal of Medical Internet Research	Reviewer
Prof. A van der Merwe	South African Journal of Communication Disorders American Journal of Speech-Language Pathology Journal of Speech, Language and Hearing Research	Reviewer
Ms J van der Linde	Represented the departement at the Interuniversity meeting, August 2015	Member
	South African Journal of Communication Disorders	Reviewer
Prof. BHME Vinck	Represented the departement at the Interuniversity meeting, August 2015	Member
Ms UL Zsilavec	Department of Health	Liaison: community service year
	South African Speech-Language Hearing Association (SASLHA)	Chair: Ethics and Standards Committee

Tables 5.1 to 5.3 STUDENT DEMOGRAPHICS 2015

Table 5.1: Student demographics race and gender

BIRAP Report: Contact education registrations per race and gender (Cancellations included): Source: PSCS

Date run: 12/9/2015

00122 - Speech-Language Pathology & Audiology			Race and Gender												
			African		African Total	% Of Total	Coloured	% Of Total	Indian	% Of Total	White		White Total	% Of Total	Grand Total
Acad Plan Code	Acad Plan	Acad Level Code	Female	Male			Female		Female		Female	Female			
01122555	Advanced Diploma: Hearing Aid Acoustics	FIN	2	3	5	26.3%			1	5.3%	10	3	13	68.4%	19
	Advanced Diploma: Hearing Aid Acoustics Total		2	3	5	26.3%			1	5.3%	10	3	13	68.4%	19
01135021	BCommunication Pathology: Speech-Language Pathology	01	3		3	9.4%	3	9.4%	1	3.1%	25		25	78.1%	32
		02	2		2	7.7%			2	7.7%	21	1	22	84.6%	26
		03							3	10.0%	27		27	90.0%	30
		FIN	1		1	2.4%	2	4.8%	1	2.4%	38		38	90.5%	42
	BCommunication Pathology: Speech-Language Pathology Total		6		6	4.6%	5	3.8%	7	5.4%	111	1	112	86.2%	130
01135031	BCommunication Pathology: Audiology	01	3		3	9.7%			6	19.4%	22		22	71.0%	31
		02	2		2	6.9%			5	17.2%	22		22	75.9%	29
		03	4	1	5	11.6%	1	2.3%	3	7.0%	32	2	34	79.1%	43
		FIN	3		3	13.0%			4	17.4%	15	1	16	69.6%	23
	BCommunication Pathology: Audiology Total		12	1	13	10.3%	1	0.8%	18	14.3%	91	3	94	74.6%	126
Grand Total			20	4	24	8.7%	6	2.2%	26	9.5%	212	7	219	79.6%	275

**Table 5.2: Student demographics home language: Afrikaans, English and other languages**

**BIRAP Report: Contact Education Registrations specific Department per Home Language Category (Cancellations included): Source: PSCS**

Date run: 12/9/2015

00122 - Speech-Language Pathology & Audiology			Home Language Category						
Acad Plan Code	Academic Plan	Acad Level Code	Afrikaans	% Of Total	English	% Of Total	Other Languages	% Of Total	Total
01122555	Advanced Diploma: Hearing Aid Acoustics	FIN	11	57.9%	4	21.1%	4	21.1%	19
	Advanced Diploma: Hearing Aid Acoustics Total		11	57.9%	4	21.1%	4	21.1%	19
01135021	BCommunication Pathology: Speech-Language Pathology	01	20	62.5%	10	31.3%	2	6.3%	32
		02	15	57.7%	9	34.6%	2	7.7%	26
		03	16	53.3%	14	46.7%		0.0%	30
		FIN	22	52.4%	17	40.5%	3	7.1%	42
	BCommunication Pathology: Speech-Language Pathology Total		73	56.2%	50	38.5%	7	5.4%	130
01135031	BCommunication Pathology: Audiology	01	18	58.1%	10	32.3%	3	9.7%	31
		02	18	62.1%	9	31.0%	2	6.9%	29
		03	26	60.5%	12	27.9%	5	11.6%	43
		FIN	10	43.5%	8	34.8%	5	21.7%	23
	BCommunication Pathology: Audiology Total		72	57.1%	39	31.0%	15	11.9%	126
Grand Total			156	56.7%	93	33.8%	26	9.5%	275

**Table 5.3: Student demographics: Home languages specified**

**BIRAP Report: Contact education registrations per Home Language (Cancellations included): Source: PSCS**

Date run: 12/9/2015

00122 - Speech-Language Pathology & Audiology			Home Language														Other Lang Total	Grand Total
			Afrikaans		Afr Total	English	Other Languages											
Acad Plan Code	Academic Plan	Acad Level Code	Afrikaans	Afrikaans/English		English	German	isiXhosa	isiZulu	Other Languages	Sepedi	Sesotho	Setswana	SiSwati	Xitsonga			
01122555	Advanced Diploma: Hearing Aid Acoustics	FIN	11		11	4				4						4	19	
	Advanced Diploma: Hearing Aid Acoustics Total		11		11	4				4						4	19	
01135021	BCommunication Pathology: Speech-Language Pathology	01	19	1	20	10					1	1				2	32	
		02	10	5	15	9					1		1			2	26	
		03	14	2	16	14											30	
		FIN	21	1	22	17	2						1			3	42	
	BCommunication Pathology: Speech-Language Pathology Total		64	9	73	50	2				2	1	2			7	130	
01135031	BCommunication Pathology: Audiology	01	16	2	18	10		1	2							3	31	
		02	16	2	18	9			1					1		2	29	
		03	24	2	26	12	1		2					1	1	5	43	
		FIN	10		10	8	2		1		1			1		5	23	
	BCommunication Pathology: Audiology Total		66	6	72	39	3	1	6		1			3	1	15	126	
Grand Total			141	15	156	93	5	1	6	4	3	1	2	3	1	26	275	

**Table 6 Undergraduate student awards 2014**

Name	Award
Alison Millar	SASLHA Gauteng Branch Prize – Best final year student in Audiology: Clinical
Jani Steenkamp	Susan M Swart Prize – Best final year student in Audiology: Academic
Madelie Snyman	SASLHA Gauteng Branch Prize - Best final year student in Speech-Language Pathology: Clinical
Caitlin Pike and Melissa Pike	P De V Pienaar Prize – Best final year student in Speech Pathology: Academic
Michelle McDonald, Retha Swanepoel, Althea van der Merwe	AB Clemons Award for best research project

## 6. TEACHING AND LEARNING

**Table 6 Clinical contexts utilized for student training during 2015**

Clinical training sites	Modules
1. <b>Tertiary hospitals</b> Steve Biko Academic hospital, 1 Military hospital, Dr George Mukhari hospital, Chris Hani Baragwanath hospital, Universitas hospital, Charlotte Maxeke hospital, Red Cross War Memorial Children's hospital, Groote Schuur hospital, Greys hospital, Pelenomi hospital, Kalafong hospital, King Edward VIII hospital	KMP 381 ODL 482
2. <b>Secondary level hospitals</b> Leratong hospital, 1 Military hospital, Tshwane District hospital, Tambo Memorial hospital, Witbank hospital, Dihlabeng hospital, Kimberley hospital, FH Odendaal hospital	KMP 281 381 482 ODL 281 381 482
3. <b>Private hospitals and Centres</b> Eugene Marais hospital, Femina hospital, Kloof hospital, Little Company of Mary hospital, Medforum hospital, Muelmed Rehabilitation Centre, Riverfield Lodge, Intercare Sub-Acute hospital (Southdowns)	KMP 381 483 ODL 382 SPP 482
4. <b>Primary health care clinics</b> Daspoort Polyclinic, Mamelodi Stanza I and II Clinics, Zama-Zama Health Post	ODL 381 KMP 483
5. <b>Specialized clinics/centres</b> Facial Cleft Deformities Clinic, University of Pretoria Cochlear Implant Unit, Consultation Voice Clinic, CHRIB, Vestibular Laboratory, Whispers Early Childhood Development Centre	KMP 110 482 ODL 481 482 SPP 181 210 482
6. <b>Primary schools</b> Lindopark Primary School, Riviera Laerskool, Meyerspark Primary School, Brooklyn Primary School, Garsfontein Laerskool, Oost-Eind Skool, Tuinrand Laerskool	KMP 120 281 483 ODL 281 SPP 281 381 382 482
7. <b>Special schools</b> Sonitus School, New Hope School, Pretoria School, Via Nova School, Alma Centre, Unica school	ODL 481 482 SPP 481 482
8. <b>Nursery schools</b> Sunnyside pre-primary school, Voetstappies, Chrysalis preschool, Kleinmensies kleuterskool	KMP 120 SPP 281 381
9. <b>Support group</b> Speakeasy	SPP 482
10. <b>Industries</b> Panel beaters and industries, Noise Clipper	ODL 281 381
11. <b>Speech, Voice and Hearing Clinic, Department of Speech-Language Pathology and Audiology</b>	ODL 281 381 382, 482 SPP 481 482
12. <b>CHRIB, Department of Speech-Language Pathology and Audiology</b>	KMP 181 210 220 482 SPP 381
13. <b>Private audiology practices</b> HASS, Mariet du Plooy, Hearing Innovations, Dr René Hornby	KMP 210 ODL 381 382, 482
14. <b>Private speech-language therapy practices</b> Celeste Conradie, Samantha Crewe-Brown, Sienet Heyns & Trudie Bye, Marna Mulder, Carlien Muller & Maretha Hoffman, Nelda Murray, Perusha Naicker, Isabel Schimper, Magda Steenkamp, Annalese van Wyk & Mariska van Aswegen, Zandr� van Zyl, Elna Verhoef & Sally Steyn, Elke von Schlichting, Liesl Turner	SPP 281, 381, 382

## 7. RESEARCH

**Table 7.1 Articles published by staff members in peer-reviewed journals**

- 1) Abdoola A (2015). Translating tools for better parent-based assessment: An exploratory study. *The South African Journal of Communication Disorders*, 62(1):E1-E12.  
DOI: 10.4102/sajcd.v62i1.73.
- 2) Bezuidenhout D, Kritzing A, Soer M (2015). Audiology practice management in South Africa: What audiologists know and what they should know. *South African Journal of Communication Disorders*, 61 (1), pp. 1 - 9.
- 3) Brennan-Jones C, Whitehouse A, Park J, Hegarty M, Jacques A, Eikelboom RH, Swanepoel DCDW, White J, Jamieson S (2015). Prevalence and risk factors for parent-reported recurrent otitis media during early childhood in the Western Australian Pregnancy Cohort (Raine) Study. *Journal of Paediatrics and Child Health*, 51 pp. 403 - 409.
- 4) Couch S, Zieba D, van der Linde J, van der Merwe A (2015). Vocal effectiveness of speech-language pathology students: Before and after voice use during service delivery. *South African Journal of Communication Disorders*, 62 (1), pp. 1 - 7.
- 5) Degenaar H, Kritzing A (2015). Suck, swallow and breathing coordination in infants with infantile colic. *South African Journal of Communication Disorders*, 61 (1), pp. 1 - 10.
- 6) Hanekom TH, Soer ME, Pottas L (2015). Comparison of the South African Spondaic and CID W-1 wordlists for measuring speech recognition threshold. *South African Journal of Communication Disorders*, 61 (1), pp. 1 - 10.
- 7) Kendall D, Edmonds L, van Zyl A, Odendaal I, Steyn M, van der Merwe A (2015). What can speech production errors tell us about crosslinguistic processing in bilingual aphasia? Evidence from four English/Afrikaans bilingual individuals with aphasia. *South African Journal of Communication Disorders*, 62 (1), pp. 1 - 10.
- 8) Keppler H, Dhooge I, Degeest S, Vinck BHME (2015). The effects of a hearing education program on recreational noise exposure, attitudes and beliefs toward noise, hearing loss, and hearing protector devices in young adults. *Noise & Health*, 17, pp. 253 - 262.
- 9) Keppler H, Dhooge I, Vinck BHME (2015). Hearing in young adults. Part 1: The effects of attitudes and beliefs toward noise, hearing loss, and hearing protector devices. *Noise & Health*, 17 (78), pp. 237 - 244.
- 10) Keppler H, Dhooge I, Vinck BHME (2015). Hearing in young adults. Part II: The effect of recreational noise exposure. *Noise & Health*, 17 (78), pp. 245 - 252.
- 11) Le Roux TE, Swanepoel DCDW, Louw CM, Vinck BHME, Tshifularo M (2015). Profound childhood hearing loss in a South African cohort: Risk profile, diagnosis and age of intervention. *International Journal of Pediatric Otorhinolaryngology*, 79, pp. 8 - 14.
- 12) Margolis R, Wilson R, Popelka G, Eikelboom RH, Swanepoel DCDW, Saly G (2015). Distribution characteristics of normal pure-tone thresholds. *International Journal of Audiology*, 54, pp. 796 - 805.

- 13) Meyer N, Vinck BHME, Heinze BM (2015). cVEMPs: A systematic review and meta-analysis. *International Journal of Audiology*, 54, pp. 143 - 151.
- 14) Mosca R, Kritzing AM, van der Linde J (2015). Language and communication development in preschool children with visual impairment: A systematic review. *South African Journal of Communication Disorders*, 62 (1), pp. 1 - 10.
- 15) Swanepoel DCDW, Matthysen C, Eikelboom RH, Clark J, Hall J (2015). Pure-tone audiometry outside a sound booth using earphone attenuation, integrated noise monitoring, and automation. *International Journal of Audiology*, 54, pp. 777 - 785.
- 16) Van Biljon S, Kritzing AM, Geertsema S (2015). A retrospective case report on demographic changes of learners at a school for children with Autism Spectrum Disorder in the Gauteng Province. *South African Journal of Childhood Education*, 5 (1), pp. 42 - 61.
- 17) Van Biljon S, Nolte B, van der Linde J, Zsilavec UL, Naude E (2015). Performance of EAL learners on a non-South African Articulation Test (GFTA-2). *Southern African Linguistics and Applied Language Studies*, 33 (2), pp. 129 - 139.
- 18) Van der Linde J, Swanepoel DCDW, Glascoe F, Louw EM, Hugo JFM, Vinck BHME (2015). Risks associated with communication delays in infants from underserved South African communities. *African Journal of Primary Health Care & Family Medicine*, 7 (1), pp. 1 - 7.
- 19) Van der Linde J, Swanepoel DCDW, Glascoe F, Louw EM, Vinck BHME (2015). Developmental screening in South Africa: comparing the national developmental checklist to a standardized tool. *African Health Sciences*, 15 (1), March, pp. 188 - 196.
- 20) Van Dyk MM, Swanepoel DCDW, Hall J (2015). Outcomes with OAE and AABR screening in the first 48 hours - Implications for newborn hearing screening in developing countries. *International Journal of Pediatric Otorhinolaryngology*, 79, pp. 1034 - 1040.
- 21) Visagie A, Swanepoel DCWD, Eikelboom RH (2015). Accuracy of remote hearing assessment in a rural community. *Telemedicine and e-Health*, 21(11), pp930-937.

### **Chapters in books**

Pottas L (2015). *Audiology in an educational setting*. Edition:1st Edition In S Moonsamy & H Kathard (eds.), *Speech-language therapy in a school context: Principles and practices*, South Africa, Pretoria: Van Schaik Publishers (pp. 215-236).

Swanepoel DCD (2015). *Tele-audiology*. 7th Edition In J Katz. M Chasin, K English, L Hood & K Tillery (eds.), *Clinical Audiology*, USA, Philadelphia (pp. 659-672).

**Table 7.2 International conference papers and posters by staff members 2015**

Conference Name, Country and Date	Presentation or Poster Title	Presenter/s
<b>6<sup>th</sup> Annual Meeting of the Coalition for Global Hearing Health</b> , Washington D.C., USA, 9-10 Oct 2015.	Smartphone Hearing Screening in mHealth Assisted Community-Based Primary Care	Yousuf Hussein S Swanepoel DCD Biagio de Jager L Myburgh H Eikelboom RH Hugo J
<b>6<sup>th</sup> Annual Meeting of the Coalition for Global Hearing Health</b> , Washington D.C., USA, 9-10 Oct 2015.	Clinical Validity of hearScreen Smartphone Hearing Screening for School Children	Mahomed Asmail F Swanepoel DCD Eikelboom RH Myburgh HC Hall JW III
<b>Annual Convention of the American Academy of Audiology</b> , San Antonio, TX, USA, 25-28 March 2015	mHealth solution for community-based hearing screening in children	Swanepoel DCD
<b>Annual Convention of the American Academy of Audiology</b> , San Antonio, TX, USA, 25-28 March 2015	Four strategies for improving access to hearing health globally	Hall JW III Swanepoel DCD
<b>5<sup>th</sup> Annual Ear Science Institute Australia Research Symposium</b> , Perth, Australia, 4 September 2015	A mHealth solution for community-based hearing screening	Swanepoel DCD
<b>2015 Advances in Children's Hearing Lecture</b> . Bill Daniels Center for Children's Hearing, Children's Hospital, Colorado, 30 March 2015	A global perspective on pediatric hearing health: improving access and care	Swanepoel DCD

**Table 7.3 Papers delivered by staff members at a national conference 2015**

Authors	Title of paper	Conference name	Venue	Date
Dr BM Heinze	<b>SAAA Research Award</b> Vestibular Involvement in Adults with HIV/AIDS: A Comparative Study	The 51th ENT/ SASLHA/ SAAA Congress	ICC Durban	30 Oct to 3 Nov
Ms L Scheepers <b>Prof. DCD Swanepoel</b>	<b>SAAA Research Award</b> Why Parents Refuse Newborn Hearing Screening and Default on Hearing Screening: A South African Perspective			
Prof. DCD Swanepoel	Audiology is Changing: Impact of Technology, Connectivity and Global Health Trends			
Prof. DCD Swanepoel	Paediatric hearing loss - South African research update			
Prof. DCD Swanepoel	Chairperson Session 6, Audiology			
Dr BM Heinze	Cerumen management and its ethical implications	Beltone Audiology Conference	Bites Conference Centre, Midrand	12-14 March
Dr BM Heinze	Persistent Postural and Positional Dizziness	3 <sup>rd</sup> Update in the management of	Cape Town	31 July to



Authors	Title of paper	Conference name	Venue	Date
		patients with vestibular disorders		2 Aug
Dr BM Heinze	Ototoxicity: Where do Audiologists fit in?	Annual SAAA day seminar	East London	18 Sep
	HIV-related inner ear dysfunction			
Prof. AM Kritzinger	Mother's responses after training how to talk to their infants in kangaroo care	Early childhood intervention conference	University of Johannesburg, Soweto campus	3-4 Sep
Ms R Mosca	Language and communication development in preschool children with visual impairment: A systematic review			
Ms TE le Roux	CI symposium: Cochlear Implant MAPping, maintenance, rehabilitation	4 <sup>th</sup> Cochlear Implants and Advanced Temporal Bone Dissection Course	University of Pretoria, Prinshof campus	28-30 Aug
Pretorius C Soer ME Pottas L Van Dijk C Hofmeyer LM Woods KJ Meintjes EM	The response of the central auditory system to sound in normal hearing adults with and without HIV/AIDS: An fMRI study	SA 2015 Imaging Congress	Sandton Convention Centre	9-11 Oct

**Table 7.4 Participation in Faculty of Humanities Applied Social Sciences Research Seminar 15 October**

Name	Presentation
Prof. BHME Vinck	Chair
Ms F Mahomed Asmail	School-based hearing screening and diagnosis using automated and mobile health technologies
Ms J van der Linde	Communication delays in underserved infants: A South African perspective

**Table 7.5 Research reports by final year students in Audiology 2015**

Topic	Research Area	Students	Supervisor/s
Hearing screening by school personnel: Exploring a new model of school health	Early detection/identification	Mashadi Dolo Zelda Nkuna Tivelele Dlamini	Prof. DCD Swanepoel Ms F Mohamed Asmail
The effect of time of day on temporary otoacoustic emission shifts after noise exposure: A preliminary study	Diagnostic audiology	Bosman van Staden Yvonne Fechter	Dr ME Soer Prof. BHME Vinck
Clinical masking procedures used in literature and South Africa	Diagnostic audiology	Melissa Pienaar Marisca van der Star	Dr ME Soer Dr BM Heinze

Topic	Research Area	Students	Supervisor/s
Self-efficacy of adults with a moderate to profound hearing loss: A comparison of bilateral cochlear implant and bilateral hearing aid users	Hearing aids/Aural rehabilitation	Mishka Abdullah Nausheen Dawood Jamie Nielson	Ms CM Louw Dr L Biagio de Jager
Temporal processing abilities in children and adolescents with cochlear implants: A descriptive study	Implantable devices/ Auditory processing	Renate Olinger Nicole Kostlin	Dr L Biagio de Jager Ms CM Louw
Frequency correlation of CE-Chirp evoked auditory brainstem response in adults with a sloping sensorineural hearing loss	Electrophysiology/AEPs	Lizel Coetzer Janita Bester	Dr L Biagio de Jager Dr BM Heinze
Temporal resolution: Comparison of tone and Germanic first language users with normal hearing	Auditory processing	Jenine du Plessis Danielle Cronje Tayla Heselton	Dr L Pottas
Cochlear implantation in children with auditory neuropathy spectrum disorder (ANSD)	Implantable devices/ Paediatric audiology	Izette de Jager Karina Swanepoel Annika van Wyk	Ms TE le Roux Dr L Biagio de Jager
Perimodiolar electrodes versus lateral wall electrodes: A comparison of electrophysiological outcomes in cochlear implant recipients	Implantable devices	Mariam Osman Aisha Chhaya Fallon Nel	Ms TE le Roux Ms CM Louw

**Table 7.6 Research reports by final year students in Speech-Language Pathology 2015**

Topic	Research Area	Students	Supervisor/s
The effect of age of cochlear implantation on vocal characteristics in children	Voice disorders	Kerry Knight Simone Ducasse Ashley Coetzee	Ms J van der Linde Ms CM Louw
The effect of the Palin Parent-Child Interaction Programme on stuttering severity and frequency in five to seven year olds	Stuttering/ Multilingualism	Angela Correia Marelize Hofmeyr Leandra Dias Santos	Ms UL Zsilavec Ms J van der Linde
Managing early stuttering: A South African perspective	Stuttering/ Multilingualism	Hannah-Marie Fobian Melissa Da Costa	Ms UL Zsilavec Ms J van der Linde
Motor speech characteristics in developmental and neurogenic stuttering	Neurogenic stuttering	Lizelle Smit Ariné Kuyler	Ms UL Zsilavec Ms J van der Linde
Outcome of the PEDS in English and Northern-Sotho: A comparative study	Early detection/ identification/ Multilingualism	Lauren Fyvie Caylin Kruger Jessica Anderson	Ms M le Roux Ms J van der Linde
Outcome of the PEDS in English and Zulu: A comparative study	Early detection/ identification/ Multilingualism	Marlé Cilliers Maria van der Merwe Celéste Maré	Ms J van der Linde Ms M le Roux
The effect of hydration on the voice quality of future professional vocal performers	Voice disorders	Mariaan Cloete Liezl van Wyk Danél Hattingh	Ms J van der Linde Ms S Geertsema

Topic	Research Area	Students	Supervisor/s
The performance of South African English additional language (EAL) learners on the Peabody Picture Vocabulary Test Fourth Edition	Articulation/ Speech sound production/ Multilingualism	Tamlyn Brown Naïda Meyer Jani Visser	Ms M le Roux Ms J van der Linde
Block versus serial practice in treatment for speech sound disorders	Articulation/ Speech sound production	Kirsten Engelbrecht Ursula Paul	Ms S Geertsema Ms J van der Linde
The effect of the Dyslexie Font on sight word reading in an adolescent with moderate developmental dyslexia	Complex language	Annika Altin Kathleen Hohls	Ms S Geertsema Ms J van der Linde
Caregiver-infant interaction after training using the Neonatal Communication Intervention Programme (NCIP)	Early communication intervention	Lauren Fouché Nicole Viljoen Kirsten Rowe	Ms E Strasheim Prof. AM Kritzinger
Setswana first-language training in mother-infant communication interaction in a kangaroo mother care ward	Early communication intervention	Paige Baxter Dineo Maboitshego Valecia Mostert	Prof. AM Kritzinger
The feasibility of the Preterm Infant Breastfeeding Behaviour Scale in a kangaroo mother care unit	Feeding/ Swallowing	Diana Joubert Zanmari Havenga	Prof. AM Kritzinger
The effect of Picture Communication Symbols (PCS) intervention on the communication functioning of a child on a two year old level	Augmentative and Alternative Communication	Natalien de Lange Carien Fourie	Ms H Mapisa Prof. AM Kritzinger

**Table 7.7 Postgraduate research: MCommunication Pathology dissertations**

Student	Title	Supervisors and examiners
<b>1. Almec, NT</b>	The risk of perceptions of young people to amplified music at concerts and festivals in South Africa	<b>Supervisor:</b> Prof. BHME Vinck <b>Co-supervisor:</b> Dr L Pottas <b>Internal examiner:</b> Dr ME Soer <b>External examiner:</b> Dr E de Koker (private practice)
<b>2. Alyami, HMM</b>	Deaf and hard of hearing children in Saudi-Arabia: Status of intervention services	<b>Supervisor:</b> Dr ME Soer <b>Co-supervisor:</b> Dr L Pottas <b>Internal examiner:</b> Prof. AM Kritzinger <b>External examiner:</b> Prof. DA Fabry (Starkey Hearing Foundation, US)
<b>3. Bezuidenhout, D</b>	Audiology practice management in South Africa: What audiologists know and what they should know	<b>Supervisor:</b> Prof. AM Kritzinger <b>Co-supervisor:</b> Dr ME Soer <b>Internal examiner:</b> Dr L Biagio de Jager <b>External examiner:</b> Prof. SR Hugo (Ear Institute, Namibia)

Student	Title	Supervisors and examiners
4. Chadinha, JS	Neuromuscular electrical stimulation (NMES) and oral sensorimotor stimulation in a young child with cerebral palsy and severe dysphagia	<b>Supervisor:</b> Prof. AM Kritzinger <b>Internal examiner:</b> Ms E Krüger <b>External examiner:</b> Prof. M Pillay (University of KwaZulu-Natal)
5. Du Plessis, M	Neonatal communication intervention in South Africa – training needs and future strategies	<b>Supervisor:</b> Prof. AM Kritzinger <b>Co-supervisor:</b> Dr L Pottas <b>Internal examiner:</b> Ms E Krüger <b>External examiner:</b> Ms A Stemmet (Sefako Makgatho Medical University)
6. Kuschke, S	A combined linguistic and prosodic treatment approach for language-communication skills in children with autism spectrum disorders: A proof of concept study	<b>Supervisor:</b> Prof. BHME Vinck <b>Co-supervisor:</b> Ms S Geertsema <b>Internal examiner:</b> Ms J van der Linde <b>External examiner:</b> Dr M Harty (University of Cape Town)
7. Makan, A	The value of using the operational model of behaviour change in hearing aid rehabilitation	<b>Supervisor:</b> Ms CM Louw <b>Co-supervisor:</b> Dr ME Soer <b>Internal examiner:</b> Dr L Pottas <b>External examiner:</b> Dr S Cummings (Private practice, Ireland)
8. Malan, C	Comparing the oral language abilities of children with autism spectrum disorder and specific language impairment using the Comprehensive Assessment of Spoken Language (CASL)	<b>Supervisor:</b> Prof. AM Kritzinger <b>Co-supervisor:</b> Ms S Geertsema <b>Internal examiner:</b> Ms J van der Linde <b>External examiner:</b> Ms SB Sayed Karrim (University of KwaZulu-Natal)
9. Marx, C	Pragmatic- and discourse problems after severe traumatic brain injury from the perspective of caregivers	<b>Supervisor:</b> Prof. A van der Merwe <b>Internal examiner:</b> Ms J van der Linde <b>External examiner:</b> Ms L Moodley (University of KwaZulu-Natal)
10. Meyer, N	cVEMPs: A systematic review and meta-analysis	<b>Supervisor:</b> Prof. BHME Vinck <b>Co-supervisor:</b> Dr BM Heinze <b>Internal examiner:</b> Dr L Pottas <b>External examiner:</b> Dr K Joubert (University of the Witwatersrand) Dr LKN Maes (Gent University, Belgium)

Student	Title	Supervisors and examiners
11. Mosca, R	Language and communication development of preschool children with visual impairment: A systematic review	<b>Supervisor:</b> Prof. AM Kritzinger <b>Co-supervisor:</b> Ms J van der Linde <b>Internal examiner:</b> Ms S Geertsema <b>External examiner:</b> Prof. AM Wium (Sefako Makgatho Medical University)
12. Pretorius, J	Short-term effect of simultaneous cardiovascular workout and personal music device use on the otoacoustic emissions of young adults	<b>Supervisor:</b> Dr ME Soer <b>Co-supervisor:</b> Prof. BHME Vinck <b>Internal examiner:</b> Dr L Pottas <b>External examiner:</b> Dr H Keppler (Gent University, Belgium)
13. Rausch, TL	The effect of methylphenidate-OROS® on the narrative ability of children with ADHD	<b>Supervisor:</b> Prof. A van der Merwe <b>Co-supervisor:</b> Ms UL Zsilavec <b>External supervisor:</b> Prof. DL Kendall (University of Washington, US) <b>External examiner:</b> Prof. LH Finestack (University of Minnesota, US) Prof. M Mills (Ohio State University, US)
14. Scheepers, LJ	Newborn hearing screen refusal and follow-up default: A South African private health perspective	<b>Supervisor:</b> Prof. DCD Swanepoel <b>Co-supervisor:</b> Ms TE le Roux <b>Internal examiner:</b> Dr L Biagio de Jager <b>External examiner:</b> Prof. MS Harrison (University of North Carolina – Chapel Hill, US)
15. Steyn, M With distinction	Perceptual parameters of speech production in childhood apraxia of speech: The effects of speech motor learning treatment	<b>Supervisor:</b> Prof. A van der Merwe <b>External supervisor:</b> Prof. DL Kendall (University of Washington, US) <b>Internal examiner:</b> Ms E Krüger <b>External examiner:</b> Dr CE Gildersleeve-Neumann (Portland State University, US)
16. Van Biljon, S	A retrospective case report on demographic changes in learners at a school for children with autism spectrum disorders in Gauteng Province	<b>Supervisor:</b> Prof. AM Kritzinger <b>Co-supervisor:</b> Ms S Geertsema <b>Internal examiner:</b> Ms J van der Linde <b>External examiner:</b> Dr B Gerber (Stellenbosch University)
17. Van Dyk, MM	Outcomes of OAE and AABR screening in the first 48-hours-implications for newborn hearing screening in South	<b>Supervisor:</b> Prof. DCD Swanepoel <b>Co-supervisor:</b> Prof. JW Hall (University of Florida, US)

Student	Title	Supervisors and examiners
	Africa	<b>Internal examiner:</b> Ms TE le Roux <b>External examiner:</b> Dr L Joseph (University of KwaZulu-Natal)
18. Visagie, A	Remote telehealth hearing assessment in a rural community – a validation study	<b>Supervisor:</b> Prof. DCD Swanepoel <b>Co-supervisor:</b> Prof. RH Eikelboom (University of) <b>Internal examiner:</b> Ms F Mahomed Asmail <b>External examiner:</b> Prof. F Bondurant (Illinois State University, US)

**Table 7.8 Postgraduate research: DPhil Communication Pathology**

Candidate	Thesis	Promoters and examiners
Biagio de Jager, L	Telehealth for primary health care ear disorders: A study in video-otoscopy	<b>Promoter:</b> Prof. DCD Swanepoel <b>Co-promoter:</b> Prof. CHC Laurent (Umeå University, Sweden) <b>External examiners:</b> Prof. WJ Roush (University of North Carolina – Chapel Hill, US) Prof. JE Saunders (Dartmouth-Hitchcock Medical Center, US) Prof. RY Seedat (University of the Free State)

## 8. COMMUNITY ENGAGEMENT

**Table 8.1 Continuous professional development seminars presented by the Department of Speech-Language Pathology and Audiology during 2015**

Topic	Date	Presenters	Number of attendees
1. Supervising and mentoring students	23 Jan	Ms UL Zsilavec, Prof. AM Kritzinger, Ms J van der Linde	30
2. Hearing Aid Technology: The what's, the do's and the don't's	5 & 6 Feb	Dr DA Fabry	163 67 students
3. Telehealth in audiology: Workforce and clinical considerations	5 March	Prof RH Eikelboom	
4. AABR workshop	24 July	Prof. BHME Vinck, Dr L Biagio de Jager	30
5. Supervision seminar	27 Nov	Ms J van der Linde, Prof. AM Kritzinger	30

**Table 8.3 Department of Speech-Language Pathology and Audiology as continuous professional development (CPD) accreditor during 2015**

Different service providers	Number of service providers or individuals	Number of activities accredited
Journal clubs	3	33
Individuals who supervised student training	9	9
Level 3 activities: Individuals earning continuous educational units (CEU's) for postgraduate studies or post doctorate fellow	2	2
Organizations, departments, hospitals and groups presenting workshops and seminars	13	29
Individuals presenting training seminars	3	3
Individuals earning CEU's as principal presenters of papers or principal authors of articles in a peer-reviewed journal	1	1
CPD articles provided to members of a professional body	5	21
Personal CPD activities: Conference, seminar, workshop attendance, external examination	2	2
<b>Total</b>	<b>38</b>	<b>100</b>

**Table 8.4 Community engagement activities undertaken by staff members 2015**

Member of staff	Organisation and location	Date
<b>Ms S Geertsema</b>	SASLHA Radio phone-in programme on SAfm on Autism Awareness Day	1 April
<b>Dr BM Heinze</b>	SASLHA Radio phone-in programme on SAfm on tinnitus awareness	17 March
<b>Prof. AM Kritzing</b>	SASLHA Radio phone-in programme on SAfm on Down syndrome	17 March
	Talk on high-risk babies in our city at the seminar: The university and the children of Tshwane	13 Aug
	Talk on the importance of early intervention at the Northern Theological Seminary block week seminars	21 Aug
<b>Ms E Krüger</b>	Chairperson SANDTA North Gauteng branch	
	Talk on dysphagia in patients with head and neck cancer at ADSA seminar in Middelburg, Mpumalanga	10 Dec
<b>Ms C Louw</b> <b>Ms H Mapisa</b>	Participated with a group of Audiology and Speech-Language Pathology students in a community health day arranged by Daspoort Clinic and various health professions of the University of Pretoria	17 Sep
<b>Ms F Mahomed Asmail</b>	Chair CPD Accreditation Committee	
<b>Ms R Mosca</b>	Participated with 32 students in the Health Day of the Down Syndrome Association of Pretoria/Tshwane on World Down Syndrome Day	21 March
	Participated in a TV programme on ANN7 on Down syndrome	31 Oct
<b>Dr L Pottas</b>	SASLHA Radio phone-in programme on SAfm on the difference between ADHD and auditory processing disorders	12 Feb
<b>Mr JJ Schoeman</b>	Raising community awareness for persons with Down syndrome: Played the character of Kosie, delivery man for the butcher in the soapie, Sewende Laan, Episode 189 on SABC 2	16 July
<b>Prof. DCD Swanepoel</b>	SASLHA SAfm radio programme to create awareness for early hearing intervention in lieu of International Children's Day	26 May
<b>Prof. A van der Merwe</b>	Childhood apraxia of speech: Diagnostic features and treatment. short course: Private practitioners, Johannesburg,	25 Aug
	Apraxia of speech: Theory-driven treatment with special reference to the Speech Motor Learning Approach. Day course. New Kensington hospital, Johannesburg.	28 May
<b>Ms UL Zsilavec</b>	Coordinator of UP Speakeasy Support Group for people who Stutter	

## 9. SPECIALIST CLINIC: CLINIC FOR HIGH-RISK BABIES (CHRB)

**Table 9 CHRB student training and client profile in 2015**

Description of activities and client characteristics		Number
Undergraduate student training	BCommunication Pathology IV (Intensive training)	62
	BCommunication Pathology III	20
	BCommunication Pathology II	28
	BCommunication Pathology I	32
	BOccupational Therapy II	30
	Child nursing students	4
Postgraduate student training	MEducational Psychology final year	13
Assessments (n=65): Parents and young children	Initial assessments	41
	Re-assessments	14
<ul style="list-style-type: none"> <li>- Number of families who received intervention at CHRB</li> <li>- Average age of child clients</li> <li>- Age range</li> </ul>		38 41 months 4-74 months
Different developmental conditions in the clients (n=65)	Suspected autism spectrum disorder	14
	Primary language impairment	12
	Low birth weight/preterm birth	10
	Cleft lip and/or palate, including van der Woude syndrome and Pierre Robin sequence	9
	Global developmental delay	5
	Significant hearing loss including glue ears and language delay	5
	Syndromes including Sotos, Alagille, Di George and Down syndrome	5
	Auditory neuropathy spectrum disorder	2
	ADHD	2
	Foetal alcohol spectrum disorder	1
Geographical distribution of client families (n=65)	Tshwane Metropolis	47
	Gauteng	10
	Mpumalanga	5
	Free State, KwaZulu-Natal, North West	3
Home language diversity of client families (n=65)	Afrikaans	28
	English	15
	Sepedi	5
	Tshivenda, Ndebele, Shona	3
	Setswana	3
	isiXhosa	3
	isiZulu	3
	Northern Sotho	3
	Xitshonga	2



## 10. INTERNATIONAL VISITS, VISITORS AND COLLABORATION

**Table 10.1 International visits by members of staff during 2015**

Visitor	Institution	Date
Prof. Robert Eikelboom	Ear Science Institute Australia & University of Western Australia	Sept 2015
Prof Deborah Hayes	University of Colorado, Children's Hospital	April 2015

**Table 10.2 International visitors received in 2015**

Country	Visitors received	Institution name	Purpose
Australia	Prof. Robert Eikelboom	University of West Australia	Presented a workshop
Ireland	Anne McDade	The Hanen Centre, Toronto, Canada	Presented a workshop to outside therapists and a lecture to 3 <sup>rd</sup> and 4 <sup>th</sup> year students
Sweden	Prof. Claude Laurent	Umeå University, Sweden	Research supervision of postgraduate students
USA	Prof. Jackie Clark	University of Texas at Dallas	Presented a lecture on scientific publishing
USA	Dr Dave Fabry	Managing Director Starkey	Presented a workshop