



CURRICULUM VITAE

GERBRECHT CHRISTINA JOSLING

PERSONAL DETAILS

Surname	Josling
Maiden name	Buitendach
First names	Gerbrecht Christina
Nickname	Charné
Date of birth	1987-09-27
Identify number	8709270006081
Nationality	female
Gender	RSA citizen
First language	Afrikaans
Marital status	married

GENERAL DETAILS

Home address	32 Theunissen crescent Fichardt Park Bloemfontein 9301
Postal address	Same as home address
Cell phone number	082 955 0672
Health	excellent
Criminal record	none

COMMAND OF LANGUAGE

Afrikaans	very good - read, speak & write
English	very good - read, speak & write

SECONDARY EDUCATION

Name of school	Christelike & Nasionale Meisieskool Oranje																
Highest grade passed	grade 12																
Subjects passed	<table> <tr> <td>Afrikaans first language</td> <td>HG</td> </tr> <tr> <td>English second language</td> <td>HG</td> </tr> <tr> <td>Biology</td> <td>HG</td> </tr> <tr> <td>Mathematics</td> <td>HG</td> </tr> <tr> <td>Natural science</td> <td>HG</td> </tr> <tr> <td>Geometry</td> <td>HG</td> </tr> <tr> <td>Physiology</td> <td>HG</td> </tr> <tr> <td>Computing</td> <td>SG</td> </tr> </table>	Afrikaans first language	HG	English second language	HG	Biology	HG	Mathematics	HG	Natural science	HG	Geometry	HG	Physiology	HG	Computing	SG
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English second language	HG																
Biology	HG																
Mathematics	HG																
Natural science	HG																
Geometry	HG																
Physiology	HG																
Computing	SG																

TERTIARY EDUCATION

BSc. Animal Science	University of Pretoria	2009
BSc. Agric. Hons. Animal Science, distinction	University of the Free State	2011
MSc. Agric Animal Science, distinction	University of the Free State	2015
PhD. Animal Nutrition candidate	University of the Free State	Enrolled

ADDITIONAL COURSES/ACTIVITIES

Cattle inseminator certificate	2010
Academic writing course for honours students	2012
Döhne Merino course - top student	2012
ARC genomic selection in livestock course	2012
Veldbulkontroleerderskursus	2013
Brangus cattle beginners inspection course	2013
Brangus cattle junior inspection course	2013
Breedplan modern breeding techniques course	2013
Brangus cattle senior inspection course	2014
Gamelab farm and animal management software training course	2016
Assessors course, Peritum Agri Institute	2020
Presenter at the Intensive Sheep Production Schools	2017/18
Organizing committee member (editor-in-chief) for SASAS congress	2019

CONGRESSES, SYMPOSIUMS & EXPOS ATTENDED

AFMA/WPSA symposiums	2012, 2018, 2021
AFMA Forum	2020
SA Cattleman's conferences	2012, 2019
SASAS congresses	2012, 2017, 2019, 2020
WCGAPL	2018

WORK EXPERIENCE

COMPANY	TIME PERIOD	REFERENCE
Animal, Wildlife & Grassland sciences (UFS): Technical Assistant <u>Duties:</u> <ul style="list-style-type: none"> ✓ Animal nutrition student practical ✓ Animal breeding student practical ✓ Research projects in poultry nutrition 	2011	Prof. J.P.C. Greyling: 082 885 0422
Animal Science Department, UFS: Technical Assistant and Assistant lecturer <u>Duties:</u> <ul style="list-style-type: none"> ✓ 3rd year B. Agric. Pig and poultry production, head lecturer ✓ 3rd and 4th year Bsc. Agric. Animal breeding, assistant lecturer ✓ Animal nutrition student practical ✓ Research projects in poultry nutrition 	2012	Dr. F.H. de Witt 051 401 2153 Prof. F.W.C. Nesor 051 401 2211
Brangus cattle breeders' society: Technical advisor <u>Duties:</u> <ul style="list-style-type: none"> ✓ Cattle inspection, data capturing on Breedplan & performance testing ✓ Discussing Breedplan generated reports ✓ Advise on breeding, nutrition, and herd management etc. ✓ Annual journal (write, compile, editing) ✓ Marketing – promotional articles, shows, sales 	2013 – 2014	Dr. Paul Lubout 071 642 5219
Wildlife stud services: Technical advisor <u>Duties:</u> <ul style="list-style-type: none"> ✓ Herd visits, data capturing on Breedplan & performance testing analysis ✓ Breedplan system development for game species ✓ Research on breeding and genetic improvement of game species ✓ Discussing Breedplan generated reports ✓ Advise on breeding, nutrition and herd management etc. ✓ Annual journal (write, compile editing) ✓ Marketing – promotional articles, advertisements, pamphlets, shows, sales, recruit new members 	2014 – 2017	Dr. Paul Lubout 071 642 5219
Animal Science Department, UFS: Lecturer <u>Duties:</u> <ul style="list-style-type: none"> ✓ Lecturing ✓ Supervising postgraduate students ✓ Research ✓ Extension 	2017 – current	Prof F.W.C. Nesor 051 401 2211

SCIENTIFIC RESEARCH CONTRIBUTIONS

Poster contributions

- Buitendach, G.C.**, De Witt, F.H., Hugo, A., Van der Merwe, H.J. & Fair, M.D. 2012. Effect of dietary fatty acid saturation on egg production at end-of-lay. 45th Congress of the South African Society for Animal Science (East London, 9 – 12 July 2012).
- King, E.J., De Witt, F.H., Van der Merwe, H.J., Hugo, A., **Buitendach, G.C.** & Fair, M.D. 2012. The effect of lipid saturation on nutrient digestibility of layer diets. 45th Congress of the South African Society for Animal Science (East London, 9 – 12 July 2012).
- Buitendach, G.C.**, De Witt, F.H., Hugo, A., Van der Merwe, H.J. & Fair, M.D. 2015. Long term effect of dietary lipid saturation on eggshell quality and bone characteristics of laying hens. 48th Congress of the South African Society for Animal Science (Empangeni, 21 – 23 September 2015).
- Lepori, A.A., **Josling, G.C.**, Nesar, F.W.C., Lubout, P.C. & Van Wyk, J.B. 2018. Preliminary results evaluating horn traits of economic importance in Cape buffalo (*Syncerus caffer caffer*). Abstract. Proceedings of the World Congress of Genetics Applied to Livestock Production. Aotea Centre, Auckland. New Zealand. 11 – 16 February 2018.
- Josling, G.C.**, Lepori, A.A., Nesar, F.W.C., Lubout, P.C. & Van Wyk, J.B. 2018. Preliminary results evaluating horn traits of economic importance in sable antelope (*Hippotragus niger niger*). Abstract. Proceedings of the 69th Annual Meeting of the European Federation of Animal Science. Valamar Resort, Dubrovnik. Croatia. 27 – 31 August 2018.
- Macdonald, J.F., Einkamerer, O.B., Lepori, A., Hugo, A., **Josling, G.C.** & Fair, M.D. 2019. The effect of fibre source on the digestibility and production performance of finishing lambs. 51st Congress of the South African Society for Animal Science (Bloemfontein, 10 – 12 June 2019).
- Viljoen, J.J., **Josling, G.C.** & Fair, M.D. & De Witt, F.H. 2019. Increasing hatchability of stored eggs varying in egg size using short periods of incubation. 51st Congress of the South African Society for Animal Science (Bloemfontein, 10 – 12 June 2019).
- Jacobs, H.L., Einkamerer, O.B., Hugo, A., **Josling, G.C.**, O'Neill, H.A. & Fair, M.D. 2021. The effect of hominy chop storage time on the production performance of finisher lambs. 52nd Congress of the South African Society for Animal Science (Online, 10 – 12 August 2021).

Oral presentations

- Josling, G.C.** 2017. Freemartinism in wildlife: A case study. 50th Congress of the South African Society for Animal Science (Port Elizabeth, 18 – 21 September 2017).
- Potgieter, B., Hugo, A., **Josling, G.C.**, Fair, M.D. & De Witt, F.H. 2021. Effect of ω -3 lipid sources on production performance of laying hens at peak production. 52nd Congress of the South African Society for Animal Science (Online, 10 – 12 August 2021).

Peer-reviewed articles

Buitendach, G.C., De Witt, F.H., Hugo, A., Van der Merwe, H.J. & Fair, M.D. 2013. Effect of dietary fatty acid saturation on egg production at end-of-lay. *S. Afr. J. Anim. Sci.* 43 (Supplement 1): 126-130. doi 10.4314/sajas.v43i5.24

Lepori, A.A., **Josling, G.C.**, Nesor, F.W.C., Lubout, P.C. & Van Wyk, J.B. 2019. Multi-trait genetic evaluation for horn traits of economic importance in the Cape buffalo (*Syncerus caffer caffer*). *S. Afr. J. Anim. Sci.* 49(2): 363-370. doi 10.4314/sajas.v49i2.15

Josling, G.C., Lepori, A.A., Nesor, F.W.C., Lubout, P.C. & Van Wyk, J.B. 2019. Evaluating horn traits of economic importance in sable antelope (*Hippotragus niger niger*). *S. Afr. J. Anim. Sci.* 49(1): 40-49. doi 10.4314/sajas.v49i1.5

Josling, G.C., Hugo, A., Fair, M.D. & De Witt, F.H. 2019. Long term effect of dietary lipid saturation on eggshell quality and bone characteristics of laying hens. *Poult. Sci.* 98: 3593-3601. doi 10.3382/ps/pez127

Grobler, R., De Witt, F.H., Cason, E.D., Einkamerer, O.B., **Josling, G.C.**, O'Neill, H.A., Fair, M.D., Baloyi, J.J., MacNeil, M.D. & Nesor, F.W.C. 2020. Training the next generation of animal scientists for South Africa. *Animal Frontiers* 10(3): 10-17. doi 10.1093/af/vfaa017

MacDonald, J.F., Einkamerer, O.B., Hugo, A., Lepori, A., **Josling, G.C.** & Fair, M.D. 2021. The effect of fibre source on lamb finishing diet nutrient digestibility. Short communication. *S. Afr. J. Anim. Sci.* 51(1): 98-103. doi 10.4314/sajas.v51i1.11

Josling, G.C., Hugo, A., Fair, M.D. & De Witt, F.H. 2021. The long term effect of dietary lipid saturation on the fatty acid profile and internal egg quality of laying hens. *S. Afr. J. Anim. Sci.* Submitted.

NON-SCIENTIFIC CONTRIBUTIONS

1. Brangus: The Future of the beef cattle industry – Farmer's Weekly March 2013
2. The brood cow herd is the cornerstone of a profitable beef enterprise – Farmer's Weekly October 2013
3. 28th Brangus National sale with a difference celebrating 50 years of excellence – Farmer's Weekly July 2013
4. Bastion Brangus: a new, joint marketing group – Farmer's Weekly September 2013
5. Upgrade your cow herd to a Brangus stud herd – Farmer's Weekly December 2013
6. Crossbreeding in beef cattle to improve profits – Farmer's Weekly June 2013
7. Brangus SA Celebrates 50 Years of Excellence – Farmer's Weekly April 2013
8. Inheritance of colour and polledness in Brangus cattle – Farmer's Weekly February 2014
9. Adaptability of the Brangus breed – Farmer's Weekly March 2014

10. Brangus Super cows – Farmer’s Weekly March 2013
11. The “Completeness of Performance” Herd Rating System – Farmer’s Weekly November 2013
12. Brangus national sale 2013 results: Farmer’s Weekly August 2013
13. Guidelines for buying a Brangus stud bull – Farmer’s Weekly January 2014
14. Brangus Auction season – Farmer’s Weekly June 2014
15. Identifying the black gene in your Impala herd – Game & Hunt November 2014
16. Wild rekordhouding: die regte begin tot 2015 – Wild & Jag Januarie 2015
17. Gebruik split ramme in jou swart rooibok teelprogram – Wild & Jag April 2015
18. Subspecies of the Common Eland – Game & Hunt May 2015
19. Suksesvolle wild teling is afhanklik van massa teler deelname – Wild & Jag Julie 2015
20. Breeding goals to meet the game industry’s market demands – Game & Hunt October 2015
21. New technology: Sable antelope nuclear origin testing – December 2015
22. DNA geverifieerd – Wildlife Ranching Uitgawe 4, 2014
23. The African Buffalo spesie – Wildsplaas November 2016