



LISA ANN ROTHMANN

Lecturer : Plant Pathology | Plant Disease Epidemiology
Plant Sciences, University of the Free State

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SACNASP: 126522 (Certificated Natural Scientist)

Academics

Tertiary Education

- 2020** *Philosophiae Doctor*: Thesis in Plant Pathology
- “The spatial quantification and hierarchy characterization of Sclerotinia prevalence from a decade of observations in soybean and sunflower.”
- Supervisor: Neal McLaren, University of the Free State, South Africa
Co-supervisor: Emerson Del Ponte, Universidade Federal de Viçosa, Brazil
- 2015** *Magister Scientiae Agriculturae*: Dissertation in Plant Pathology
- “Modelling the colonisation of sorghum grain by the *Fusarium graminearum* species complex and concomitant mycotoxin production”
- Supervisor: Neal McLaren, University of the Free State, South Africa
Co-supervisor: Bradley Flett, Agricultural Research Council, South Africa
- 2013** *Baccalaureus Scientiae Agriculturae Honores* (Plant Pathology)
University of the Free State
- 2012** *Baccalaureus Scientiae Agriculturae* (Plant Pathology and Agrometeorology)
University of the Free State

Secondary Education

- 2007** Matriculated
St. John's Diocesan School for Girls

Employment

Teaching

- April 2021** Lecturer (permanent; Plant Science, Plant Pathology University of the Free State)
- 2021 - 2018** Lecturer (contract, University of the Free State)
- Plant Pathology
- | | |
|------------------------------|------------|
| Introductory plant pathology | (PPLG2624) |
| Epidemiology | (PPLG4834) |
- Faculty of Natural and Agricultural Sciences
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|-------------------------------------|-------------------------------------|
| Microbial principles in agriculture | (AGRI1664, Plant Pathology content) |
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2017 - 2013 Practical Assistant (contract, University of the Free State)

Plant Pathology

Introductory Plant Pathology (PPG214)

Bacteriology & Virology (PPG424)

Plant-Parasite Interactions (PPG444)

Epidemiology (PPG434)

2011 Practical Assistant (*ad hoc*)

Agrometeorology (LWR214)

Research

2022-2018 Principle Investigator (University of the Free State)

Field pathology and summer grain crop research: sorghum, soybean and sunflower

Current projects:

2022-2021 Central Research Funds: Identifying and assessing soybean seedborne diseases, towards improving seed health through reducing prevalent fungal pathogens.

2022- 2017 Department of Science and Innovation & Oil- and protein development trust: *Sclerotinia sclerotiorum* disease potential and management responses in soybean and sunflower.

Completed projects:

2018-2021 Sorghum Trust: Assessing the effect of decortication on sorghum grain mold fungi and concomitant mycotoxins.

Past positions

2017 - 2014 Research Assistant (contract, University of the Free State)

Plant Pathology: Professor N.W. McLaren

2013 - 2012 Laboratory Assistant (University of the Free State)

Plant Pathology: Professor N.W. McLaren

2011 Laboratory Assistant (University of the Free State)

Plant Pathology: Professor W.J. Swart

Invited Scientific Meetings

2022 Rhizobium Symposium 2022

CSIR Convention Centre

7 September 2022

2021 Soybean for Human Consumption Symposium 2021

“Jack and the (soy) beanstalk: slaying disease giants.”

Virtual Event

16/09/2021

- 2021** SASPP/FABI Online Meeting
 The role of reproducible research tools in quantifying a decade-long survey of *Sclerotinia* disease prevalence in South Africa.
<https://osf.io/tq3wj/>
 20/01/2021
- 2017** 27th Soilborne Plant Disease Symposium
 Stellenbosch, Western Cape, South Africa
 “*Sclerotinia sclerotiorum* disease epidemiology: a South African approach”
 19/09/2017 - 21/09/2017.
- 2014** 25th South African National Seed Organisation Congress
 Pretoria, Gauteng, South Africa
 “Growing the Youth: Seeds of our future.”
 2014/05/19 - 2014/05/21

National Scientific Meetings

Delivered, Oral presentation

- 2022** 52nd Congress of the Southern African Society of Plant Pathology
 Hosted by FABI and the University of Pretoria
 “Assessment of *Sclerotinia sclerotiorum* sclerotia recovered from soybean and sunflower silos across South Africa”
 Rothmann, L.A. and McLaren, N.W.
 01/08/2022 - 03/08/2022
- 2022** 52nd Congress of the Southern African Society of Plant Pathology
 Hosted by FABI and the University of Pretoria
 “Bibliographical analysis of *Sclerotinia sclerotiorum* disease management on oilseed crops”
 Meiring, M.C. McLaren, N.W. and Rothmann, L.A.
 01/08/2022 - 03/08/2022
- 2019** 3rd New Voices Symposium
 Hosted by Cereal Science and Technology - South Africa
 “A quantitative summary of a 10-year survey of white mold prevalence in South Africa.”
 Supervisors: EM del Ponte
 10/09/2019 - 11/09/2019
 Winner: PhD Category, John Taylor Floating Trophy
- 2019** 51st Southern African Society of Plant Pathology Congress
 Mykonos, Western Cape
 “A Community of Practice: Modelled on *Sclerotinia* Stem Rot of Soybean.”
 Supervisor: NW McLaren
 20/01/2019 - 24/01/2019
- 2013** 48th Southern African Society for Plant Pathology Congress
 Bela-Bela, Limpopo

“Effect of cultivar and environment on grain mold severity and mycotoxin accumulation in sorghum.”

Supervisor: NW McLaren

20/01/2013 - 24/01/2013

Contributor, Oral presentation (**bold = presenter**)

- 2022** **Bender, C.M.**, Boshoff, W.H.P, Visser, B., Wood, A.R., Rothmann, L.A and Pretorius, Z.A. Fig rust: an unexplored disease in South Africa. 52nd Congress of the Southern African Society of Plant Pathology, Pretoria, 1-3 August 2022
- 2016** **McLaren, N.W.**, Coetzee, L. and van Rooyen, D. 2016. Sorghum root and grain diseases associated with legume rotation systems. 27th Annual Symposium of the Soilborne Diseases Interest Group, 20-22 September, 2016
- 2015** **McLaren, N.W.**, Coetzee, L.A. and van Rooyen, D. 2015. Effect of legume rotation systems on root rot and grain molds of sorghum. 25th Soilborne plant diseases symposium, 10-11 September, 2015, Stellenbosch.
- 2015** McLaren, N.W., Chung, H-Y., Coetzee, L. and **van Rooyen, D.** 2015. Root rot, grain molds and mycotoxins of sorghum in a crop rotation system in Limpopo. 49th Congress of The Southern African Society For Plant Pathology, 18-21 January 2015, Bloemfontein.
- 2014** **McLaren, N.W.**, Chung, M., Coetzee, L.A. and van Rooyen, D. 2014. Effect of legume rotation systems on root rot and grain molds of sorghum. 24th Soilborne Diseases Interest Group, 9-11 September, 2014, Stellenbosch.
- 2012** **McLaren, N.W.** and Coetzee, L. 2011. Epidemiology and prediction modelling of diseases caused by *Sclerotinia* spp. Soilborne Diseases Interest Group, September, 2012, Stellenbosch.

Contributor, Poster (**bold = presenter**)

- 2022** **du Toit, I.**, Boshoff, W. H. P., Rothmann, L. A. and Visser, B. Fungicide sensitivity among 45 South African *Puccinia graminis* f. sp. *tritici* isolates. 52nd Congress of the Southern African Society of Plant Pathology, Pretoria, 1-3 August 2022.
- 2022** **Edwards, A.**, Rothmann, L.A., Swart, W.J. Characterising plant health promoting microorganisms (PGPM's) and potential biological control agents (BCA's) from the soybean microbiome. 52nd Congress of the Southern African Society of Plant Pathology, Pretoria, 1-3 August 2022.
- 2022** **Hlongwane N.V.**, Swart W.J, Rothman L.A, Edwards A. Exploring sunflower and soybean microbiomes for beneficial bacterial microorganisms. 52nd Congress of the Southern African Society of Plant Pathology, Pretoria, 1-3 August 2022.
- 2022** **Masisi T.V.**, Rothmann, L.A., McLaren, N.W., and Jackson, M. Identification and occurrences of fungi and mycotoxin contamination in sorghum grain fractions. 52nd Congress of the Southern African Society of Plant Pathology, Pretoria, 1-3 August 2022. <https://osf.io/dgyq8/>

International Scientific Meetings (bold = presenter)

Presented, Oral

- 2019** **Rothmann, L.A.** 4 July 2019. South Africa to Brazil: Learning a new Language. GFIP - Seminar, Universidade Federal de Viçosa, Minas Gerais, Brazil.

Presented, Poster

- 2018** **Rothmann, L.A.**, Craven, M McLaren, N. W. 9-12 April 2018. Developing epidemiologically based intervention thresholds for sorghum leaf diseases in South Africa, Sorghum in the 21st Century, Global Sorghum Conference, Cape Town, South Africa.
- 2018** **Rothmann, L.A.** & McLaren, N.W. 2018, 29 July - 3 August 2018. Relationships between weather, colonization and mycotoxins produced by *Fusarium graminearum* species complex on sorghum grain. International Congress for Plant Pathology, Boston, Massachusetts, United States of America.
- 2017** **Rothmann, L.A.** & McLaren, N.W. 2017, 18-20 January. Epidemiology of Sclerotinia Stem Rot of soybean: A South African perspective. National Sclerotinia Initiative, Minnesota, United States of America.
- 2013** **McLaren, N. W.**, van Rooyen, D. & Coetzee, L. A. 27 – 31 May 2013. Variation in sorghum grain mold and mycotoxins due to host genotype and environment. Proceedings of the ISM-Mycored Internationals Conference, Global Mycotoxin Reduction Strategies. Martina Franca, Apulia, Italy. (Invited: Poster & Presentation)

Academic Competitions

- 2019** New Voices Symposium
PhD Category Winner
John Taylor Floating Trophy
- 2018** FlashFacts Competition
University of the Free State, Faculty of Natural and Agricultural Sciences
Student: Third Place
- 2017** Three Minute Thesis
University of the Free State
PhD: First Place

Mentoring & Supervising (PhD, MSc and Honours)

Current

- 2022 - 2024** Thabiso Masisi, *PhD* Plant Pathology
Supervisor
“Distribution, incidence and molecular identification of sorghum fungal diseases in South Africa.” (proposed title)
- 2022-2023** Neo Hlongwane, *MSc Agric* Plant Pathology
Supervisor
“Identifying and assessing soybean seedborne fungal pathogens, towards improving seed health ” (proposed title)
- 2022-2023** Diana Ngomezulu, *MSc Agric* Plant Breeding
Co-supervisor
- 2022- 2020** Alec Edwards, *PhD* Plant Pathology
Co-Supervisor
“An integrated systems approach to manage Sclerotinia stem rot using plant associated microbes and salicylic acid”
- 2022-2020** Isabella du Toit, *MSc* Botany
Co-supervisor
“Investigating triazole sensitivity among *Puccinia graminis* f. sp. *tritici* isolates from South Africa”

Completed

- 2022- 2019** Marlese Meiring, *PhD* Plant Pathology
Supervisor
“*Sclerotinia sclerotiorum* disease potential and management responses in soybean and sunflower.”
- 2022-2021** Estie Coetzee, *BSc Agric* Research Project
Co-Supervisor (with Dr Gert Marais as primary supervisor)
“Airborne Cladosporium species associated with pecan orchards in South Africa”
- 2021** Zazi Mtambeka, *BSc Agric* Research Project
Supervisor (with co-supervision from Dr Adre Minnaar-Ontong at Plant Breeding)
“Inhibitory effect of fungicides on in vitro mycelial growth of *Fusarium* spp.”
- 2021** Naomi Kleinhans, *BSc Hons Plant Health Ecology* (9703260173083)
Supervisor (with co-supervision from Mrs Marlese Meiring)
Detection and quantification of *Sclerotinia sclerotiorum* in soybean seed
- 2021** Yola Hute, *BSc Agric* Research Project (9909161187086)
Co-supervisor (Dr Gert Marais as primary supervisor)
Fungi associated with post-harvest pecan nuts in the Vaalharts region

- 2021** Jo Cobbold , BSc Hons (Botany)
Co-supervisor (Dr Lize Joubert primary supervisor from Botany)
“To Bee or Not to Bee – pollination in African Macadamia”
- Jo and her research were exceptional and she was the top Honours research student within the Plant Science Department, winning the best honours presentation at both the University of Johannesburg Plant Science Symposium, at the end of 2021, as well as the South African Botany Association Conference at the start of 2022.
- 2021- 2018** Thabiso Masisi, *MSc. Agric. Plant Pathology*
Supervisor (Dr Mariette Jackson as a co-supervisor)
“Assessing the effect of decortication on sorghum grain mold fungi and concomitant mycotoxins.”
- 2018- 2017** Marlese Meiring, *MSc. Plant Health Ecology (with distinction)*
Co-Supervisor (Professor Neal McLaren as primary supervisor)
“Inoculation techniques and evaluation methodologies for *Sclerotinia sclerotiorum* head and stem rot in sunflower and soybean”

Peer-Reviewed Publications

- 2022** Rothmann, L.A. and McLaren, N.W. 2022. Prevalence of *Sclerotinia sclerotiorum* sclerotia recovered from soybean and sunflower. *Journal of Phytopathology*. DOI: 10.1111/jph.13124
- 2022** Boshoff, W.H., Visser, B., Bender, C.M., Wood, A.R., Rothmann, L., Wilson, K., Hamilton-Attwell, V.L. and Pretorius, Z.A. YYYY. Fig rust: an unexplored disease in South Africa. *Phytopathologia Mediterranea*. In Press
- 2022** Alves, K. d. S., Rothmann, L.A., Del Ponte, E. M. 2022. Linking Climate Variables to Large-Scale Spatial Pattern and Risk of Citrus Huanglongbing: A Hierarchical Bayesian Modeling Approach. *Phytopathology* <https://doi.org/10.1094/PHYTO-05-21-0219-FI>
- 2021** Vermeulen, M., Rothmann, L.A., Swart, W.J. and Gryzenhout, M., 2021. *Fusarium casha* sp. nov. and *F. curculicola* sp. nov. in the *Fusarium fujikuroi* Species Complex Isolated from *Amaranthus cruentus* and Three Weevil Species in South Africa. *Diversity*, 13(10), p.472. <https://www.mdpi.com/1424-2818/13/10/472>
- 2021** Toth, B., Boka, K., Rothmann, L.A., Moloi, M.J. 2021. The effect of four industrial by-products on the photo-synthetic pigments, dry weight and ultrastructure of *Zea mays* L. *Biology Bulletin*. <https://doi.org/10.1134/S106235902103016X>
- 2019** Boshoff, W.H., Prins, R., de Klerk, C., Krattinger, S.G., Bender, C.M., Maree, G.J., Rothmann, L. and Pretorius, Z.A. 2019. Point inoculation method for measuring adult plant response of wheat to stripe rust infection. *Plant disease* **103**: 1228-1233.
- 2019** Yekelo, N., Rothmann, L., Bender, C.M., Pretorius, Z.A. and Boshoff, W.H.P. 2019. Response of an International Triticale Collection to *Puccinia triticina* and *Puccinia recondita* sensu stricto and assessment of temperature sensitivity in leaf rust isolates. *Cereal Research Communications* **47**: 496-505. <https://doi.org/10.1556/0806.47.2019.23>
- 2018** Rothmann, L.A. & McLaren, N.W. 2018. *Sclerotinia sclerotiorum* disease prediction: a review and potential applications in South Africa. *South African Journal of Science* **114**: 1-9

Publications for Peer-Review under Review

- 2022** Meiring, M.C. McLaren, N.W. and Rothmann, L.A. "The survival and viability of *Sclerotinia sclerotiorum* sclerotia exposed to dry heat temperatures and the rumen of cattle". *South African Journal of Plant and Soil*.
- 2022** Meiring, M.C. McLaren, N.W. and Rothmann, L.A. "Bibliographical analysis of *Sclerotinia sclerotiorum* disease management on oilseed crops." *South African Journal of Plant and Soil*.
- 2022** Meiring, M.C. McLaren, N.W. and Rothmann, L.A. "Screening of soybean and sunflower cultivars for escape resistance to *Sclerotinia sclerotiorum* under field conditions". *Crop Protection*.

Publications for Peer-Review in Progress

- 2022** Rothmann, L.A. In progress. The role of information and communication technology in plant pathology and embracing reproducible research. *Phytopathology/Tropical Plant Pathology*.
- 2022** Rothmann, L.A. In progress. *Sclerotinia sclerotiorum*: a local perspective of an international pathogen. *South African Journal of Plant and Soil/South African Journal of Science*.
- 2022** Rothmann, L.A., Alves, K. d. S., Del Ponte, E. M. McLaren, N. W. In progress. A quantitative summary of a 10-year survey of white mold prevalence in South Africa. *Journal still to be decided*.

Peer Reviewing

- 2022** One article for *Phytopathology* as Assistant Feature Editor
- 2021** Three articles for *Phytopathology* as Assistant Feature Editor
- 2019/2020** Article in *Plant Disease*, re: *Sclerotinia sclerotiorum*

Published Materials in Popular Magazines/Web Resources

- 2022** Rothmann, L.A. and Masisi, T.V. 'Plant Fever': diagnosis and detection of plant diseases. Dry Bean Organisation Magazine. In Press.
- 2021** Rothmann, L.A. The foundation and future of Plant Pathology. Dry Bean Organisation Magazine. Winter 2021 No. 61. <https://online.pubhtml5.com/tvuc/olqr/#p=30>
- 2021** Rothmann, L.A., McLaren, N.W., and Del Ponte, E.M. 2021. Role of reproducible research tools in quantifying *Sclerotinia* disease prevalence survey. Oilseed Focus Magazine, June 2021. www.opot.co.za/imgs/oilseeds-focus/2021/oilseeds-focus-vol-7-no-2-june-2021.pdf
- 2021** Meiring, MC., Rothmann, LA., and Maali, S. 2021. Evaluating sunflower for yield, quality characteristics, and *Sclerotinia* tolerance. Oilseed Focus Magazine, March 2021. <https://www.opot.co.za/imgs/oilseeds-focus/2021/oilseeds-focus-vol-7-no-1-march-2021.pdf>

- 2020** Meiring, MC., De Beer, AS., Rothmann, LA. and Cochrane, NM. Evaluating soybean cultivar tolerance to Sclerotinia stem rot under field conditions. Oilseed Focus Magazine, Summer 2020. www.opot.co.za/imgs/oilseeds-focus/2020/oilseeds-focus-vol-6-no-4-december-2020.pdf
- 2020** Rothmann, L.A. OPP Virtual Seminar: delivering scientific talks without barriers. Accessible from: <https://openplantpathology.org/post/2020-04-03-announcement-virtual-seminar/>
- 2020** Rothmann, L.A. Clubroot of brassicas, an old but still poorly understood disease on the rise! An interview with Dr. Susann Auer for OPP: Accessible from: <https://openplantpathology.org/post/2020-04-03-interview-auer/>
- 2020** Rothmann, L.A. Evolution is not static: understanding factors that govern pathogen-host diversity. An interview with Dr. Remco Stam for OPP. Accessible from: <https://openplantpathology.org/post/2020-04-16-interview-stam/>
- 2020** Rothmann, L.A. The not so simple interactions associated with PR-1 proteins and Septoria nodorum blotch in wheat. An interview with Dr. Peter Solomon for OPP. Accessible from: <https://openplantpathology.org/post/2020-05-01-interview-solomon/>
- 2020** Rothmann, L.A. Cassava, change agent in classrooms and communities. An interview with Dr. Sally Mallowa for OPP. Accessible from: <https://openplantpathology.org/post/2020-05-15-interview-mallowa/>
- 2020** Rothmann, L.A. and Herron, D. Breath of fresh air: tree health and forest pathology. Dry Bean Organisation Magazine. Summer 2020: Edition 60. <https://online.pubhtml5.com/tvuc/tuux/#p=28>
- 2020** Rothmann, L.A. Chemical control of Sclerotinia diseases: a fungicide-resistance minded approach. Taken from: <http://sclerotinia.co.za/article/chemical-control-of-sclerotinia-diseases-a-fungicide-resistance-minded-approach>.
- 2020** Rothmann, L.A. and Minnaar-Ontong, A. The South African *Sclerotinia sclerotiorum* culture collection. Accessible from: <http://sclerotinia.co.za/article/sclerotinia-culture-collection>.
- 2020** Rothmann, L.A. and Meiring, M.C. Understanding and preserving plant heritage: a future hope for crop improvement. Dry Bean Organisation Magazine. Winter 2020: Edition 59.
- 2019** Rothmann, L.A. Meiring, MC. & McLaren, N.W. The development of novel risk reduction strategies for Sclerotinia head and stem rot of sunflower and soya beans. OilSeed Focus Magazine, Vol 5 No 2. www.opot.co.za/imgs/oilseeds-focus/2019/oilseeds-focus-vol-5-no-2-june-2019.pdf
- 2019** McLaren, L.A. & Rothmann, L.A. Management of Sorghum Diseases. SA Grain Magazine, March 2019. <https://www.grainsa.co.za/management-of-sorghum-diseases>
- 2019** Rothmann, L.A. 2019. SASRN: finding solutions together. Dry Bean Organisation Magazine. Winter 2019: Edition 58.

- 2020** Edwards, A. and Rothmann, L.A. Biological control of Sclerotinia diseases associated with oilseed crops. Accessible from: <http://sclerotinia.co.za/article/biological-control-of-sclerotinia-diseases-associated-with-oilseed-crops>.
- 2019** Rothmann, L.A. Grounded: soil talks. Dry Bean Organisation Magazine. Winter 2019: Edition 58. <http://online.pubhtml5.com/tvuc/pine/#p=32>
- 2018** Rothmann, L.A. Weather water matters? Dry Bean Organisation Magazine. Summer 2018: Edition 57. <http://online.pubhtml5.com/uwns/jgei/#p=1>
- 2017** Rothmann, L.A. Biodiversity, the spice of life. Dry Bean Organisation Magazine. Summer 2017: Edition 55.
- 2017** Rothmann, L.A. More than the eye sees. Dry Bean Organisation Magazine. Winter 2017: Edition 54.
- 2016** Coetzee L.A. Women in agriculture, Dry Bean Organization Magazine. Winter 2016: Edition 52.
- 2015** Coetzee, L.A. Forecasting, the future. Dry Bean Organization Magazine. Summer 2015: Edition 51. Accessed from: https://issuu.com/chillidesign/docs/sa_droebone_somer_2015_e
- 2015** Coetzee, L.A. Let's talk trash, Dry Bean Organization Magazine. Winter 2015: Edition 50
- 2014** Coetzee, L.A. Youth in agriculture, Dry Bean Organization Magazine. Summer 2014: Edition 49.

Organisation Membership

Current and Active

- 2022-2020** *Phytopathology* Early-Career Assistant Feature Editor
- 2022-2021** American Phytopathology Society: Africa Division - Education | Teaching Committee
- 2022-2021** University of the Free State - Environment & Bio-Safety Research Ethics Committee (Executive Committee Member)
- 2022- 2019** Open Plant Pathology
Social Media and Blog Editor
- 2022- 2017** South Africa Sclerotinia Research Network
Administrator, Principal Investigator
- 2022 - 2017** Southern African Society of Plant Pathology
- 2022 - 2017** American Phytopathology Society
- 2020 - 2019** Cereal Science and Technology - South Africa

2013 - 2012 Southern African Society of Plant Pathology
American Phytopathology Society

Meeting & Workshop Organisation

2020 - 2017 South African Sclerotinia Research Network
Administrator, website development, marketing, meeting coordination
www.sclerotinia.co.za

2017 - 2018 Global Sorghum Conference, Cape Town
Local Organizing Committee: Student Committee Chairperson

Bursary Awards

2019 National Research Foundation: Knowledge Interchange & Collaboration
Travel Grant: Universidade Federal de Viçosa, Minas Gerais, Brazil
(Grant Number: 118341)

2018 American Phytopathology Society
Books of the World Awardee

2017 - 2015 National Research Foundation: Scarce Skills
(Grant Number: 97072)

2014 - 2012 Sorghum Trust
Howard G. Buffett Foundation through the Norman E. Borlaug Institute for International
Agriculture of Texas A&M AgriLife

Laboratory Workshops & Visits

International

2019 Professor Emerson Del Ponte
Fitopatologia, Epidemiologia
Universidade Federal de Viçosa, Minas Gerais, Brazil
2019/06/15 - 2019/08/03

2017 Dr. Gary Odvody & Dr. Gary Peterson
Texas A & M University & AgriLife; Corpus Christi & Lubbock, Texas
2017/01/21 - 2017/01/27

National

2016 International Fusarium Laboratory Workshop
University of Pretoria, Gauteng, South Africa
Forestry and Agricultural Biotechnology Institute (FABI)
2016/05/29 - 2016/06/3

Leadership Conferences

2015 International Student Festival in Trondheim (ISFiT): Corruption
Dialogue Participant: National Conflict

Roros & Trondheim, Norway
24/01/2015 - 15/02/2015

2014 Brightest Young Minds Summit
Johannesburg, South Africa
29/08/2014 - 3/09/2014

2013 Youth Ag Summit
Calgary, Canada
19/08/2013 - 25/08/2013

Teaching and Learning

2022 Syllabus redesign: A quest to conquer a 'wee beastie' in plant health education.
UFS Learning and Teaching Conference (Abstract submitted)

2022 Scholarship of Teaching and Learning Fellowship (Application submitted)

2022 University of the Free State: Center for Teaching and Learning - Curriculum Renewal
Programme (Module Redesign: PPLG4834)

2021 Centre for Research on Evaluation, Science and Technology (CREST)
Online Training Course for Supervisors of Doctoral Candidates at African Universities

Capstone Assignment: "Through the looking glass": a novice doctoral supervisor reflects on
entering academic scholarship. (83%)

Current Academic Contracts

International

Memorandum of Agreement: University of the Free State, Free State, South Africa and Universidade Federal
de Viçosa, Minas Gerais, Brazil

2020: Enrolled in FIP602: Epidemiology (online course, presented in English)

National

Memorandum of Understanding: University of the Free State, Free State, South Africa and Grain SA

Memorandum of Understanding: University of the Free State, Free State, South Africa and Agricultural
Research Council - Grain Crops Institute

Farmer's Days (selected)

2022- 2019 AgriSeed Insette Dag
Delmas, Mpumalanga
11/03/2019 - 12/13/2019

2022 South African Sclerotinia Research Network: Information Days
Mooifontein, North West

- 2019** South African Sclerotinia Research Network: Information Days
Sonop, Petrus Steyn, Marquard
- 2018** Bayer CropScience: *Sclerotinia sclerotiorum* Information days
Bethlehem, Arlington, Clocolan
October-November

Media Related Outputs

- 2020** We've Bean around the Block Podcast with Antony Jarvie; Episode 8 of 21: Sclerotinia, White mould in soybeans (<https://podcasts.apple.com/za/podcast/episode-8-of-21-sclerotinia-white-mould-in-soybeans/id1557117874?i=1000530007768>)
- 2017** University of the Free State: Website, Leonie Bolleurs
"Researcher works on finding practical solutions to plant diseases for farmers"
3/10/2017
- 2014** Landbou Weekblad, Leanne George
"Kinders moet weet waar hul kos vandaan kom"
6/6/2014
- 2014** Farmers Weekly, Annelie Coleman
"Where have all the young people gone?"
13/06/2014
- 2014** Landbou Weekblad, Liza Bohlmann
"Die Landbou het die jeug nodig. Landbou Weekblad."
20/06/2014