

Curriculum vitae: Cobus Meyer Visagie (Ph.D.)

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PERSONAL DETAILS

Date of Birth: 9 February 1984
Nationality: South African (ID: 8402095226080)
Marital status: Married
Children: None
Language: Afrikaans & English

SCIENTIFIC PROFILE

I am a new generation mycologist specialized in *Aspergillus*, *Penicillium*, *Talaromyces* and other moulds from the natural and built environment. My research focus includes their biodiversity, ecology, phylogenetics, nomenclature and identification with a particular interest in taxonomically robust ecological and biodiversity studies. My work has a strong field-work component and I do a lot of fungal isolations from various habitats, including extreme fungi. I have experience working in multidisciplinary collaborations with genomics, metagenomics, analytical biochemistry, mycotoxicology, ecology, plant pathology and biotechnology. Skills include, but is not limited to, the isolation, culturing and preservation of fungal cultures, identification and describing of new species using morphological, physiological, chemical and phylogenetic data, and extensive knowledge on the taxonomy and nomenclature of mentioned genera. In addition to research, I have a strong desire to train new mycologists and generate public awareness on the importance of fungi.

My research focus includes their biodiversity, ecology, phylogenetics, nomenclature and identification with a particular interest in taxonomically robust ecological and biodiversity studies. My major contribution to the international mycological community has been the accepted species lists for *Aspergillus*, *Penicillium* and *Talaromyces* that I prepared and published in Samson et al (2014), Visagie et al (2014) and Yilmaz et al (2014). Before these papers, describing new species in these genera was very complicated because reference data was unavailable. Since publishing these accepted species lists and associated DNA sequence reference data, *Aspergillus* grew from 339 to 379 species, *Penicillium* from 354 to 429 species, and *Talaromyces* from 88 to 136 species. Lists are updated by myself and uploaded to the website of the International Commission of *Penicillium* and *Aspergillus* (<http://www.aspergilluspenicillium.org/>). These papers thus had a big international impact and has been cited a combined 771 times (on 2019/04/11).

From my own perspective, the accepted species lists allowed me to easily describe the new species I came across. By the end of 2019, I had introduced 46 *Aspergillus*, 72 *Penicillium* & 20 *Talaromyces* species. Considering that *Penicillium* currently has 439 accepted species, a large proportion was thus described by myself. Many of these were originally isolated from South Africa and there are many more local species waiting to be discovered, making local knowledge and diversity, internationally relevant and important.

CAREER HIGHLIGHTS

- Tanney JB, **Visagie CM** (shared first authorship), Yilmaz N, Seifert KA. 2017. *Aspergillus* subgenus *Polypaecilum* from the built environment. *Stud Mycol.* 88:237–267, doi:10.1016/j.simyco.2017.11.001.
- Visagie CM**, Renaud JB, Burgess KMN, Malloch DW, Clark D, Ketch L, Urb M, Assabgui R, Sumarah MW, Seifert KA, Louis-Seize G, Assabgui R, Sumarah MW, Seifert KA. 2016. Fifteen new species of *Penicillium*. *Persoonia.* 36:247–280, doi:10.3767/003158516X691627.
- Yilmaz N, **Visagie CM**, Houbraken J, Frisvad JC, Samson RA. 2014. Polyphasic taxonomy of the genus *Talaromyces*. *Stud Mycol.* 78:175–341, doi:10.1016/j.simyco.2014.08.001.
- Visagie CM**, Hirooka Y, Tanney JB, Whitfield E, Mwange K, Meijer M, Amend AS, Seifert KA, Samson RA. 2014. *Aspergillus*, *Penicillium* and *Talaromyces* isolated from house dust samples collected around the world. *Stud Mycol.* 78:63–139, doi:10.1016/j.simyco.2014.07.002.
- Visagie CM**, Houbraken J, Frisvad JC, Hong SB, Klaassen CHW, Perrone G, Seifert KA, Varga J, Yaguchi T, Samson RA. 2014. Identification and nomenclature of the genus *Penicillium*. *Stud Mycol.* 78:343–371, doi:10.1016/j.simyco.2014.09.001.
- Visagie CM**, Houbraken J, Rodrigues C, Silva Pereira C, Dijksterhuis J, Seifert KA, Jacobs K, Samson RA. 2013. Five new *Penicillium* species in section *Sclerotiora*: a tribute to the Dutch Royal family. *Persoonia.* 31:42–62, doi:10.3767/003158513X667410.

CURRENT POSITIONS

Associate Professor: FABI, University of Pretoria, Pretoria, 0002, South Africa 2019–current
Extraordinary senior lecturer: Stellenbosch University, Stellenbosch, P/Bag X1, 7602, South Africa 2018–current

WORK EXPERIENCE

Senior Researcher: Mycology, ARC-PPRI, P/Bag X134, Queenswood, 0121, South Africa. Jun 2017 – May 2019
Extraordinary lecturer: FABI, University of Pretoria, Pretoria, 0002, South Africa Jul 2018 – May 2019
Post-Doctoral Fellow at Agriculture and Agri-Food Canada, Ottawa, ON, Canada, working with Prof. Keith A. Seifert. I am also co-registered for this position in the Department of Biology, University of Ottawa, Canada. Dec 2014 – May 2017
Post-Doctoral researcher at the CBS-KNAW Fungal Biodiversity Centre, Utrecht, the Netherlands, working with Prof. Dr. Dr. hc Rob A. Samson in the Applied and Industrial Mycology group. Dec 2012 – Nov 2014

EDITORIAL POSITIONS

Editorial board member for Studies in Mycology 2020–current
Editorial board member for Mycological Progress 2020–current
Associate editor for FUSE: Fungal Systematics and Evolution 2019–current

EDUCATION

Ph.D. (Microbiology), Stellenbosch University, Stellenbosch, South Africa 2009–2012
Thesis: “Polyphasic taxonomy of *Penicillium* and *Talaromyces* spp. isolated from the diverse Fynbos biome”
M.Sc. (Microbiology) (cum laude), Stellenbosch University, Stellenbosch, South Africa 2007–2008
Thesis: “Biodiversity in the genus *Penicillium* from coastal Fynbos soil”
B.Sc.Hons. (Microbiology), Stellenbosch University, Stellenbosch, South Africa 2006
B.Sc. (Molecular and Cellular Biology), (majors: Microbiology, Biochemistry, Genetics) Stellenbosch University, Stellenbosch, South Africa 2003–2005

SCHOLARSHIPS

National Research Foundation (NRF) South African Biosystematics Initiative (SABI) scholarship 2009–2012
Stellenbosch University Merit bursary 2009–2011
Stellenbosch University Murray Bursary 2008
NRF Free-standing Bursary 2007–2008
The Ernst and Ethel Eriksen Trust study grant 2007–2008
Stellenbosch University Merit bursary 2003, 2007

AWARDS

National Research Foundation Prestigious Award (P-rating), rating obtained in 2019.
Michele C. Heath award, for best Post-Doctoral presentation, awarded at the 31st Great Lakes Mycology Meeting, held at the Queens University Biological Station, Chaffey’s Lock, Canada. 2–3 May 2015.
John and Petakin Mildenhall award, awarded at the 47th congress of the South African Society of Plant Pathology, Kruger National Park, for a PhD student making considerable contributions to the field of Plant Pathology in South Africa, 23–26 January 2011.
IMC9: The Biology of Fungi Travel award, awarded by the British Mycological Society at the 9th International Mycological Congress, Edinburgh Scotland, 1–6 August 2010.
South African Biosystematics Initiative Student International Travel award, for attendance at the 9th International Mycological Congress, Edinburgh Scotland, from 1–6 August 2010, as well as research visits to CBS-KNAW, the Netherlands, and ECORC (AAFC), Canada.
Bio2Biz South Africa 2009 & South African Society for Microbiology 09 Travel award, awarded at the congress of the South African Society for Microbiology, Durban, South Africa. 20–23 September 2009.

Darwin Initiative Award for the Conservation of Biodiversity, for best presentation on the conservation of fungi at the African Mycological Association session, 46th congress of the SASPP, Gordon's Bay, South Africa. 25–28 January 2009.

Young Plant Pathologist award, 46th congress of the SASPP, Gordon's Bay, South Africa. 25–28 January 2009.

Inqaba Biotech/CLC Bio Microbiology Poster Award, 2nd prize awarded at the SASM BIO'08 Conference, Grahamstown, South Africa. 21–25 January 2008.

MEDIA AWARDS

International Institute for Species Exploration (IISE) - SUNY-ESF Top 10 new species 2014 (<http://www.esf.edu/top10/2014/>), *Penicillium vanoranjei* Visagie, Houbraken & Samson was chosen as one of the top 10 species described in 2013 by the International Institute for Species Exploration (IISE). The annual award is meant to increase public awareness of biodiversity in the world. These awards are covered in popular press. 2014

MEMBERSHIPS

South African Society for Systematic Biology	2017–present
International Mycological Association	2010–present
African Mycological Association (committee between 2009 and 2012)	2009–present
South African Society of Plant Pathology	2008–2012
South African Society for Microbiology	2008–2012

SUPERVISION

Ms. Claudette Dewing , PhD, A novel approach to discover fungal biodiversity (supervisor)	2020–current
Ms. JL Price , MSc, Diversity of mycotoxigenic fungi associated with maize in the Eastern Cape, University of Pretoria (supervisor).	2020–current
Ms Nicole van Vuuren , MSc, Fungal biodiversity in the Fairy circles from Namibian desert (co-supervisor).	2020–current
Dr. David Nsibo , PostDoctoral researcher, Fungal diseases of maize from the Eastern Cape.	2019–current
Dr. Godfrey Kgatle , PostDoctoral researcher, <i>Pleosporales</i> diversity with a focus on <i>Alternaria</i> associated with grain in South Africa.	2019–current
Mr. I Mabandla , Systematics studies on <i>Botryosphaeriaceae</i> collected from native trees growing in the Limpopo province in South Africa, University of Venda (co-supervisor).	2019–current
Mr. NS Ndaba , <i>Trichoderma</i> as a functional fungal group in the rhizosphere of maize and wheat under conventional and conservation agricultural practices, Stellenbosch University (co-supervisor).	2019–current
Mr. Buthelezi , MSc, <i>Cladosporium</i> species in the natural habitat: a source of contamination for indoor environments, Stellenbosch University (co-supervisor).	2019–current
Ms. A Fennell , HonsBsc, Investigation, identification and characterisation of <i>Penicillium</i> spp. isolated from blueberry-associated fynbos soil, Stellenbosch University (co-supervisor).	2019
Ms. JL Price , HonsBsc, Diversity of mycotoxigenic fungi associated with sunflower and soybean seeds, University of Pretoria (co-supervisor)	2019
Mr. A Visagie , MSc, Isolation and identification of <i>Penicillium</i> species with potential phosphate solubilization activity from agricultural environments, Stellenbosch University (supervisor).	2019–current
Ms. T Bhiya , MSc, Quantitative detection of fungal pathogens causing leaf blight of prominent vegetables in South Africa, UNISA (co-supervisor).	2018–current
Ms. Z Humphries , undergraduate research assistant, currently completing her 4 th year at the University of Waterloo, Canada	2016
Ms. O Koppel , undergraduate research assistant, currently M.Sc. student at the University of Wales, Swansea, Wales.	2015
Junior students of Prof. Karin Jacobs, Stellenbosch University, South Africa,	2007–2011

TEACHING EXPERIENCE

Instructor at the Introduction to Food-borne and Indoor Fungi course, University of Ottawa, Canada, and CBS-KNAW, Utrecht, the Netherlands 2013–2015

- Tutor lectures** for B.Sc. Microbiology 2nd year students, Stellenbosch University, South Africa 2009–2011
Lectures and practicals on the identification of fungi for B.Sc. Hons. students, Stellenbosch University, South Africa 2007–2011
Demonstrator for B.Sc. Microbiology 2nd year student practicals, Stellenbosch University, South Africa 2007–2011
Guest Lecture on the forms and shapes of fungi for jewelry design course in Visual Arts department, Stellenbosch University, South Africa 2007
Guest Lecture on the diversity of *Aspergillus* and *Penicillium* to 3rd year Microbial Ecology students, Stellenbosch University, South Africa 2018

REVIEWER

Active reviewer of manuscripts for international journals such as the Canadian journal of Botany, Fungal Ecology, International Journal of Systematics and Evolutionary Microbiology, IMA Fungus, Medical Mycology, Mycologia, Mycology, Mycokeys, Mycological Progress, Mycological Research, Mycoscience, Nova Hedwigia, Persoonia, Plant Pathology, PLOS ONE, Studies in Mycology, Sydowia and Toxins.

EDITORIAL ROLE

- Associate Editor** for Fungal Systematics and Evolution 2019-Present
Editorial Board for Studies in Mycology 2019-Present

BOOK OR BOOK CHAPTERS

Studies in Mycology vol. 78: Species diversity in *Aspergillus*, *Penicillium* and *Talaromyces*. Samson RA, Visagie CM, Houbraken J (eds), Published by Elsevier 2014

SOCIAL MEDIA AND BLOG POSTS

- PretoriaFM “Ek wil weet” interview** – 19 November 2019 <https://www.pretoriafm.co.za/ek-wil-weet-pienaar-en-die-wetenskaplikes-19-november-2019/>
RSG Landbou interview – 27 April 2018 <http://www.rsg.co.za/Program-Potgooi/321/RSG-Landbou>
MicrobeNET – September 2014: <http://microbe.net/2014/11/12/studies-in-mycology-78-species-diversity-in-aspergillus-penicillium-and-talaromyces/>.

SUCCESSFUL GRANT APPLICATIONS

1. Foundational Biodiversity Information Programme (FBIS170406226088; Grant No: 110441):
Title: Updating the taxonomy of *Aspergillus* in South Africa
2. Foundational Biodiversity Information Programme (FBIS170605237212; Grant No: 110442):
Title: Updating the taxonomy of *Penicillium* in South Africa
3. Foundational Biodiversity Information Programme (FBIP 180524334670; Grant No: 115955):
Title: Discovering *Alternaria* Diversity in South Africa

PUBLICATIONS AND PAPERS

Peer-reviewed Papers:

1. Visagie CM, Yilmaz N, Vanderwolf K, *et al.* (2020). *Penicillium* diversity in Canadian bat caves, including a new species, *P. speluncae*. *Fungal Systematics and Evolution* **5**: 1–15, <https://doi.org/10.3114/fuse.2020.05.01>.
2. Walsh JP, Renaud JB, Hoogstra S, *et al.* (2019). Diagnostic fragmentation filtering for the discovery of new chaetoglobosins and cytochalasins. *Rapid Commun Mass Spectrom* **33**: 133–139, <https://doi.org/10.1002/rcm.8306>.
3. Crous PW, Wingfield MJ, Lombard L, *et al.* (2019). Fungal Planet description sheets: 951–1041. *Persoonia - Molecular Phylogeny and Evolution of Fungi* **43**: 223–225, <https://doi.org/10.3767/persoonia.2019.43.06>.
4. Crous PW, Carnegie AJ, Wingfield MJ, *et al.* (2019). Fungal Planet description sheets: 868–950. *Persoonia - Molecular Phylogeny and Evolution of Fungi* **42**: 291–473, <https://doi.org/10.3767/persoonia.2019.42.11>.

5. Zahariev M, Chen W, Visagie CM, *et al.* (2018). Cluster oligonucleotide signatures for rapid identification by sequencing. *BMC Bioinformatics* **19**: 395, <https://doi.org/10.1186/s12859-018-2363-3>.
6. Nilsson RH, Taylor AFS, Adams RI, *et al.* (2018). Taxonomic annotation of public fungal ITS sequences from the built environment - a report from an April 10-11, 2017 workshop (Aberdeen, UK). *MycKeys* **28**: 65–82, <https://doi.org/10.3897/mycokeys.28.20887>.
7. Crous PW, Luangsa-ard JJ, Wingfield MJ, *et al.* (2018). Fungal Planet description sheets: 785–867. *Persoonia - Molecular Phylogeny and Evolution of Fungi* **41**: 238–417, <https://doi.org/10.3767/persoonia.2018.41.12>.
8. Botha CJ, Visagie CM, Sulyok M (2018). Putative neuromycotoxicoses in an adult male following ingestion of moldy walnuts. *Mycotoxin Research* **35**: 9–16, <https://doi.org/10.1007/s12550-018-0326-1>.
9. Visagie CM, Yilmaz N, Renaud JB, *et al.* (2017). A survey of xerophilic *Aspergillus* from indoor environment, including descriptions of two new section *Aspergillus* species producing eurotium-like sexual states. *MycKeys* **19**: 1–30, <https://doi.org/10.3897/mycokeys.19.11161>.
10. Tanney JB, Visagie CM, Yilmaz N, *et al.* (2017). *Aspergillus* subgenus *Polypaecilum* from the built environment. *Studies in Mycology* **88**: 237–267, <https://doi.org/10.1016/j.simyco.2017.11.001>.
11. Sklenář F, Jurjević Ž, Zalar P, *et al.* (2017). Phylogeny of xerophilic aspergilli (subgenus *Aspergillus*) and taxonomic revision of section *Restricti*. *Studies in Mycology* **88**: 161–236, <https://doi.org/10.1016/j.simyco.2017.09.002>.
12. Samson RA, Hubka V, Varga J, *et al.* (2017). Response to Pitt & Taylor 2016: Conservation of *Aspergillus* with *A. niger* as the conserved type is unnecessary and potentially disruptive. *Taxon* **66**: 1439–1446, <https://doi.org/10.12705/666.10>.
13. Humphries Z, Seifert KA, Hirooka Y, *et al.* (2017). A new family and genus in Dothideales for *Aureobasidium*-like species isolated from house dust. *IMA Fungus* **8**: 299–315, <https://doi.org/10.5598/imafungus.2017.08.02.05>.
14. Chen AJ, Hubka V, Frisvad JC, *et al.* (2017). Polyphasic taxonomy of *Aspergillus* section *Aspergillus* (formerly *Eurotium*), and its occurrence in indoor environments and food. *Studies in Mycology* **88**: 37–135, <https://doi.org/https://doi.org/10.1016/j.simyco.2017.07.001>.
15. Yilmaz N, Visagie CM, Frisvad JC, *et al.* (2016). Taxonomic re-evaluation of species in *Talaromyces* section *Islandici*, using a polyphasic approach. *Persoonia* **36**: 37–56, <https://doi.org/10.3767/003158516X688270>.
16. Wingfield BD, Ambler JM, Coetzee MPA, *et al.* (2016). Draft genome sequences of *Armillaria fuscipes*, *Ceratocystopsis minuta*, *Ceratocystis adiposa*, *Endoconidiophora laricicola*, *E. polonica* and *Penicillium freii* DAOMC 242723. *IMA Fungus* **7**: 217–227, <https://doi.org/10.5598/imafungus.2016.07.01.11>.
17. Visagie CM, Seifert KA, Houbraken J, *et al.* (2016). A phylogenetic revision of *Penicillium* sect. *Exilicaulis*, including nine new species from fynbos in South Africa. *IMA Fungus* **7**: 75–117, <https://doi.org/10.5598/imafungus.2016.07.01.06>.
18. Visagie CM, Renaud JB, Burgess KM, *et al.* (2016). Fifteen new species of *Penicillium*. *Persoonia* **36**: 247–280, <https://doi.org/10.3767/003158516X691627>.
19. Visagie CM, Houbraken J, Dijksterhuis J, *et al.* (2016). A taxonomic review of *Penicillium* species producing conidiophores with solitary phialides, classified in section *Torulomyces*. *Persoonia* **36**: 134–155, <https://doi.org/10.3767/003158516X690952>.
20. Abarenkov K, Adams RI, Laszlo I, *et al.* (2016). Annotating public fungal ITS sequences from the built environment according to the MlXs-Built Environment standard – a report from a May 23-24, 2016 workshop (Gothenburg, Sweden). *MycKeys* **16**: 1–15, <https://doi.org/10.3897/mycokeys.16.10000>.
21. Visagie CM, Yilmaz N, Frisvad JC, *et al.* (2015). Five new *Talaromyces* species with ampulliform-like phialides and globose rough walled conidia resembling *T. verruculosus*. *Mycoscience* **56**: 486–502, <https://doi.org/10.1016/j.myc.2015.02.005>.
22. Visagie CM, Houbraken J, Seifert KA, *et al.* (2015). Four new *Penicillium* species isolated from the fynbos biome in South Africa, including a multigene phylogeny of section *Lanata-Divaricata*. *Mycological Progress* **14**: 96, <https://doi.org/10.1007/s11557-015-1118-z>.
23. Yilmaz N, Visagie CM, Houbraken J, *et al.* (2014). Polyphasic taxonomy of the genus *Talaromyces*. *Studies in Mycology* **78**: 175–341, <https://doi.org/10.1016/j.simyco.2014.08.001>.

24. Wyatt TT, van Leeuwen MR, Golovina EA, *et al.* (2014). Functionality and prevalence of trehalose-based oligosaccharides as novel compatible solutes in ascospores of *Neosartorya fischeri* (*Aspergillus fischeri*) and other fungi. *Environmental Microbiology* **17**: 395–411, <https://doi.org/10.1111/1462-2920.12558>.
25. Visagie CM, Varga J, Houbraken J, *et al.* (2014). Ochratoxin production and taxonomy of the yellow aspergilli (*Aspergillus* section *Circumdati*). *Studies in Mycology* **78**: 1–61, <https://doi.org/10.1016/j.simyco.2014.07.001>.
26. Visagie CM, Seifert KA, Houbraken J, *et al.* (2014). Diversity of *Penicillium* section *Citrina* within the fynbos biome of South Africa, including a new species from a *Protea repens* infructescence. *Mycologia* **106**: 537–552, <https://doi.org/10.3852/13-256>.
27. Visagie CM, Houbraken J, Frisvad JC, *et al.* (2014). Identification and nomenclature of the genus *Penicillium*. *Studies in Mycology* **78**: 343–371, <https://doi.org/10.1016/j.simyco.2014.09.001>.
28. Visagie CM, Hirooka Y, Tanney JB, *et al.* (2014). *Aspergillus*, *Penicillium* and *Talaromyces* isolated from house dust samples collected around the world. *Studies in Mycology* **78**: 63–139, <https://doi.org/10.1016/j.simyco.2014.07.002>.
29. Schoch CL, Robbertse B, Robert V, *et al.* (2014). Finding needles in haystacks: linking scientific names, reference specimens and molecular data for Fungi. *Database* **2014**: bau061–bau061, <https://doi.org/10.1093/database/bau061>.
30. Samson RA, Visagie CM, Houbraken J, *et al.* (2014). Phylogeny, identification and nomenclature of the genus *Aspergillus*. *Studies in Mycology* **78**: 141–173, <https://doi.org/10.1016/j.simyco.2014.07.004>.
31. Houbraken J, Visagie CM, Meijer M, *et al.* (2014). A taxonomic and phylogenetic revision of *Penicillium* section *Aspergilloides*. *Studies in Mycology* **78**: 373–451, <https://doi.org/10.1016/j.simyco.2014.09.002>.
32. Visagie CM, Houbraken J, Rodrigues C, *et al.* (2013). Five new *Penicillium* species in section *Sclerotiora*: a tribute to the Dutch Royal family. *Persoonia* **31**: 42–62, <https://doi.org/10.3767/003158513X667410>.
33. Yilmaz N, Houbraken J, Hoekstra ES, *et al.* (2012). Delimitation and characterisation of *Talaromyces purpurogenus* and related species. *Persoonia* **29**: 39–54, <https://doi.org/10.3767/003158512X659500>.
34. Visagie CM, Llimona X, Vila J, *et al.* (2012). Phylogenetic relationships and the newly discovered sexual state of *Talaromyces flavovirens*, comb. nov. *Mycotaxon* **122**: 399–411, <https://doi.org/10.5248/122.399>.
35. Visagie CM, Jacobs K (2012). Three new additions to the genus *Talaromyces* isolated from Atlantis sandveld fynbos soils. *Persoonia* **28**: 14–24, <https://doi.org/10.3767/003158512X632455>.
36. Seifert KA, Frisvad JC, Houbraken J, *et al.* (2012). Proposal to conserve the name *Talaromyces* over *Lasioderma* (Ascomycota). *Taxon* **61**: 461–462, <https://doi.org/10.1002/tax.612016>.
37. van der Walt L, Spotts R, Visagie CM, *et al.* (2010). *Penicillium* species Associated with Preharvest Wet Core Rot in South Africa and Their Pathogenicity on Apple. *Plant Disease* **94**: 666–675, <https://doi.org/10.1094/PDIS-94-6-0666>.
38. Visagie CM, Roets F, Jacobs K (2009). A new species of *Penicillium*, *P. ramulosum* sp. nov., from the natural environment. *Mycologia* **101**: 888–895, <https://doi.org/10.3852/08-149>.

CONFERENCE CONTRIBUTIONS

Invited seminar presentations:

1. Visagie CM, Seifert KA. Bridging the gap between cultured and uncultured fungi in the built environment. Symposium: Built Environments I – Fungi & Fungal Products in the Built Environment: Investigating our Indoor Companions. Mycological Society of America Annual Meeting, Berkeley, CA, August 2016.

Seminar presentations:

2. Visagie CM, Yilmaz N. Updating the taxonomy of the genera *Aspergillus*, *Penicillium* and *Talaromyces* in South Africa. Asian Mycology Congress 2019. Mie, Japan, 1–4 October 2019.
3. Visagie CM, Yilmaz N. Updating the taxonomy of *Aspergillus*, *Penicillium* and *Talaromyces* in South Africa. Joint Biodiversity Information Management & Foundational Biodiversity Information Programme Forum 2019. Pretoria, South Africa, 20–22 August 2019.

4. Visagie A, Jacobs K, Visagie CM. Isolation and identification of *Penicillium* species with potential phosphate solubilization activity from agricultural environments. Joint Biodiversity Information Management & Foundational Biodiversity Information Programme Forum 2019. Pretoria, South Africa, 20–22 August 2019.
5. Visagie CM. Exploring species diversity in *Aspergillus* & *Penicillium*. 11th International Mycological Congress, San Juan, Puerto Rico, July 2018.
6. Visagie CM. Exploring species diversity in *Aspergillus* & *Penicillium*. South African Society of Microbiology conference, Krugersdorp, January 2018.
7. Visagie CM, Seifert KA. The importance of incorporating xerophilic fungi in surveys of indoor environments. 32nd Great Lakes Mycology Meeting, Queens University Biological Station, Chaffey's Lock, Canada, May 2016.
8. Visagie CM, Hirooka Y, Tanney JB, Koppel O, Nguyen H, Houbraken J, Meijer M, Yilmaz N, Chen W, Lowe C, Samson RA, Seifert KA. The importance of incorporating xerophily for biological modelling and observations. 4th International Conference on the Microbiology of the Built Environment, Boulder, USA, July 2015.
9. Visagie CM, Samson RA, Seifert KA. The Sloan project: Bridging the gap between culture-dependent and –independent detection techniques in *Aspergillus*, *Penicillium* and *Talaromyces*. 31st Great Lakes Mycology Meeting, Queens University Biological Station, Chaffey's Lock, Canada, May 2015.
10. Hirooka Y, Tanney JB, Bilkhu S, Zhang N, Nguyen H, Amend A, Visagie CM, Meijer M, Samson RA, Seifert KA. Presentation. A comparison of dilution-to-extinction culturing and pyrosequencing extends our view of the fungal biodiversity of house dust. 10th International Mycological Congress, Bangkok, Thailand, August 2014.
11. Houbraken J, Frisvad JC, Visagie CM, Samson RA. New taxonomies of Aspergilli producing aflatoxins and ochratoxins. 10th International Mycological Congress, Bangkok, Thailand, August 2014.
12. Samson RA, Visagie CM, Seifert KA. Biodiversity of common food and airborne Fungi. 14th International Union of Microbiological Societies Congresses, Montréal, Canada, July to August 2014.
13. Seifert KA, Mwange K, Whitfield E, Visagie CM, Samson RA, Meijer Amend AS, Bruns TD. IM-BOL The Indoor Mycota Barcode of Life. 4th International Barcode of Life Conference, Adelaide, Australia, November to December 2011.
14. Visagie CM, Roets F, Seifert KA, Jacobs K. Working towards DNA barcoding for South African species of the genus *Penicillium*. South African Society of Microbiology conference, Cape Town, South Africa, November 2011.
15. Visagie CM, Roets F, Seifert KA, Jacobs K. The ecology of *Penicillium* spp. in the Cape Floristic Region. 47th Congress of the South African Society for Plant Pathology, Kruger National Park, South Africa, January 2011.
16. Visagie CM, Jacobs K. Biodiversity in the genus *Penicillium* from coastal fynbos soil. 46th Congress of the South African Society for Plant Pathology, Gordon's Bay, South Africa, January 2009.

Poster presentations:

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