

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

Taney 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

Since Jun 2019

Extraordinary senior lecturer: Stellenbosch University, Stellenbosch, P/Bag X1, 7602, South Africa

Since Aug 2018

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

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

STUDENT SUPERVISION

- Mr. I Mabandla**, Systematics studies on *Botryosphaeriaceae* collected from native trees growing in the Limpopo province in South Africa, University of Venda (co-supervisor). 2019–current
- Mr. NS Ndaba**, *Trichoderma* 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, *Cladosporium* 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 *Penicillium* 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 *Penicillium* 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 4th 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

- MicrobeNET** - September 2014: <http://microbe.net/2014/11/12/studies-in-mycology-78-species-diversity-in-aspergillus-penicillium-and-talaromyces/>.
- RSG Landbou interview** - 28 April 2018

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. Walsh JP, Renaud JB, Hoogstra S, McMullin DR, Ibrahim A, Visagie CM, Tanney JB, Yeung KKC & Sumarah MW. 2019. Diagnostic fragmentation filtering for the discovery of new chaetoglobosins and cytochalasins. Rapid Communications in Mass Spectrometry 33: 133–139. doi: 10.1002/rcm.8306.

2. Crous PW, Luangsa-ard PW, Wingfield MJ et al. 2018. Fungal Planet description sheets: 785–867. *Persoonia* 41: 238–417, doi.org/10.3767/persoonia.2018.41.12.
3. Zahariev M, Chen W, **Visagie CM** & Lévesque CA. 2018. Cluster oligonucleotide signatures for rapid identification by sequencing. *BMC Bioinformatics* 19: 395. doi: 10.1186/s12859-018-2363-3.
4. Botha CJ, **Visagie CM**, Sulyok M. 2018. Putative neuromycotoxicoses in an adult male following ingestion of moldy walnuts. *Mycotoxin Research*: <http://link.springer.com/10.1007/s12550-018-0326-1>
5. 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, doi:10.3897/mycokeys.28.20887.
6. 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.
7. Samson RA, Hubka V, Varga J, Houbraeken J, Hong S, Klaassen CHW, Perrone G, Seifert KA, Magistà D, **Visagie CM**, Kocsubé S, Szigeti G, Yaguchi T, Peterson SW, Frisvad JC. 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, doi:10.12705/666.10.
8. Sklenář F, Jurjević Ž, Zalar P, Frisvad JC, **Visagie CM**, Kolařík M, Houbraeken J, Chen AJ, Yilmaz N, Seifert KA, Coton M, Déniel F, Gunde-Cimerman N, Samson RA, Peterson SW, Hubka V. 2017. Phylogeny of xerophilic aspergilli (subgenus *Aspergillus*) and taxonomic revision of section *Restricti*. *Stud Mycol.* 88:161–236, doi:10.1016/j.simyco.2017.09.002.
9. Humphries Z, Seifert KA, Hirooka Y, **Visagie CM**. 2017. A new family and genus in Dothideales for *Aureobasidium*-like species isolated from house dust. *IMA Fungus*. 8:299–315, doi:10.5598/ima fungus.2017.08.02.05.
10. Chen AJ, Hubka V, Frisvad JC, **Visagie CM**, Houbraeken J, Meijer M, Varga J, Demirel R, Jurjević Ž, Kubátová A, Sklenář F, Zhou YG, Samson RA. 2017. Polyphasic taxonomy of *Aspergillus* section *Aspergillus* (formerly *Eurotium*), and its occurrence in indoor environments and food. *Stud Mycol.* 88:37–135, doi:https://doi.org/10.1016/j.simyco.2017.07.001.
11. **Visagie CM**, Yilmaz N, Renaud JB, Sumarah MW, Hubka V, Frisvad JC, Chen AJ, Meijer M, Seifert KA. 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, doi:10.3897/mycokeys.19.11161.
12. **Visagie CM**, Houbraeken J, Dijksterhuis J, Seifert KA, Jacobs K, Samson RA. 2016. A taxonomic review of *Penicillium* species producing conidiophores with solitary phialides, classified in section *Torulomyces*. *Persoonia*. 36:134–155, doi:10.3767/003158516X690952.
13. Crous PW, Wingfield MJJ, Burgess TII, et al. 2016. Fungal Planet description sheets: 469–557. *Persoonia*. 37:218–403, doi:10.3767/003158516X694499.
14. Abarenkov K, Adams RI, Irinyi L, 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, doi:10.3897/mycokeys.16.10000.
15. **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.
16. Wingfield BDD, Ambler JMM, Coetzee MPAP, et al. 2016. IMA Genome-F 6: Draft genome sequences of *Armillaria fuscipes*, *Ceratocystiopsis minuta*, *Ceratocystis adiposa*,

- Endoconidiophora laricicola, E. polonica and Penicillium freii DAOMC 242723. IMA Fungus. 7:217–227, doi:10.5598/ima fungus.2016.07.01.11.
17. Yilmaz N, **Visagie CM**, Frisvad JC, Houbraken J, Jacobs K, Samson RA. 2016. Taxonomic re-evaluation of species in Talaromyces section Islandici, using a polyphasic approach. Persoonia. 36:37–56, doi:10.3767/003158516X688270.
 18. **Visagie CM**, Seifert KA, Houbraken J, Samson RA, Jacobs K. 2016. A phylogenetic revision of Penicillium sect. Exilicaulis, including nine new species from fynbos in South Africa. IMA Fungus. 7:75–117, doi:10.5598/ima fungus.2016.07.01.06.
 19. **Visagie CM**, Houbraken J, Seifert KA, Samson RA, Jacobs K. 2015. Four new Penicillium species isolated from the fynbos biome in South Africa, including a multigene phylogeny of section Lanata-Divariata. Mycol Prog. 14:96, doi:10.1007/s11557-015-1118-z.
 20. **Visagie CM**, Yilmaz N, Frisvad JC, Houbraken J, Seifert KA, Samson RA, Jacobs K. 2015. Five new Talaromyces species with ampulliform-like phialides and globose rough walled conidia resembling T. verrucosus. Mycoscience. 56:486–502, doi:10.1016/j.myc.2015.02.005.
 21. 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.
 22. Houbraken J, **Visagie CM**, Meijer M, Frisvad JC, Busby PE, Pitt JI, Seifert KA, Louis-Seize G, Demirel R, Yilmaz N, Jacobs K, Christensen M, Samson RA. 2014. A taxonomic and phylogenetic revision of Penicillium section Aspergilloides. Stud Mycol. 78:373–451, doi:10.1016/j.simyco.2014.09.002.
 23. **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.
 24. **Visagie CM**, Varga J, Houbraken J, Meijer M, Kocsubé S, Yilmaz N, Fotedar R, Seifert KA, Frisvad JC, Samson RA. 2014. Ochratoxin production and taxonomy of the yellow aspergilli (Aspergillus section Circumdati). Stud Mycol. 78:1–61, doi:10.1016/j.simyco.2014.07.001.
 25. Schoch CL, Robbertse B, Robert V, et al. 2014. Finding needles in haystacks: linking scientific names, reference specimens and molecular data for Fungi. Database (Oxford). 2014, doi:10.1093/database/bau061.
 26. Wyatt TT, Leeuwen MR van, Golovina EA, Hoekstra FA, Kuenstner EJ, Palumbo EA, Snyder NL, **Visagie CM**, Verkennis A, Hallsworth JE, Wösten HAB, Dijksterhuis J. 2014. Functionality and prevalence of trehalose-based oligosaccharides as novel compatible solutes in ascospores of Neosartorya fischeri(Aspergillus fischeri) and other fungi. Environ Microbiol. 17:395–411, doi:10.1111/1462-2920.12558.
 27. **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.
 28. **Visagie CM**, Seifert KA, Houbraken J, Samson RA, Jacobs K. 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, doi:10.3852/13-256.
 29. Samson RA, **Visagie CM**, Houbraken J, Hong SB, Hubka V, Klaassen CH, Perrone G, Seifert KA, Susca A, Tanney JB, Varga J, Kocsube S, Szigeti G, Yaguchi T, Frisvad JC. 2014. Phylogeny, identification and nomenclature of the genus Aspergillus. Stud Mycol. 78:141–173, doi:10.1016/j.simyco.2014.07.004.
 30. **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.

31. Yilmaz N, Houbraken J, Hoekstra ES, Frisvad JC, **Visagie CM**, Samson RA. 2012. Delimitation and characterisation of *Talaromyces purpurogenus* and related species. *Persoonia*. 29:39–54, doi:10.3767/003158512X659500.
32. **Visagie CM**, Jacobs K. 2012. Three new additions to the genus *Talaromyces* isolated from Atlantis sandveld fynbos soils. *Persoonia*. 28:14–24, doi:10.3767/003158512X632455.
33. **Visagie CM**, Llimona X, Vila J, Louis-Seize G, Seifert KA. 2012. Phylogenetic relationships and the newly discovered sexual state of *Talaromyces flavovirens*, comb. nov. *Mycotaxon*. 122:399–411, doi:10.5248/122.399.
34. Seifert KA, Frisvad JC, Houbraken J, Llimona X, Peterson SW, Samson RA, **Visagie CM**. 2012. (2051) Proposal to conserve the name *Talaromyces* over *Lasioderma* (Ascomycota). *Taxon*. 61:461–462.
35. Walt L van der, Spotts R, **Visagie CM**, Jacobs K, Smit FJ, McLeod A. 2010. *Penicillium* species Associated with Preharvest Wet Core Rot in South Africa and Their Pathogenicity on Apple. *Plant Dis*. 94:666–675, doi:10.1094/PDIS-94-6-0666.
36. **Visagie CM**, Roets F, Jacobs K. 2009. A new species of *Penicillium*, *P. ramulosum* sp. nov., from the natural environment. *Mycologia*. 101:888–895, doi: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 *Aspergillus*, *Penicillium* and *Talaromyces* in South Africa. Joint Biodiversity Information Management & Foundational Biodiversity Information Programme Forum 2019. Pretoria, South Africa, 20–22 August 2019.
3. 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.
4. **Visagie CM**. Exploring species diversity in *Aspergillus* & *Penicillium*. 11th International Mycological Congress, San Juan, Puerto Rico, July 2018.
5. **Visagie CM**. Exploring species diversity in *Aspergillus* & *Penicillium*. South African Society of Microbiology conference, Krugersdorp, January 2018.
6. **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.
7. **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.
8. **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.
9. 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.
10. Houbraken J, Frisvad JC, **Visagie CM**, Samson RA. New taxonomies of Aspergilli producing aflatoxins and ochratoxins. 10th International Mycological Congress, Bangkok, Thailand, August 2014.
 11. 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.
 12. 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.
 13. **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.
 14. **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.
 15. **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:

16. Buthelezi ZM, **Visagie CM**, Jacobs K. *Cladosporium* species in the natural habitat: a source of contamination for indoor environments. Joint Biodiversity Information Management & Foundational Biodiversity Information Programme Forum 2019. Pretoria, South Africa, 20–22 August 2019.
17. Ndaba NS, **Visagie CM**, Jacobs K. *Trichoderma* as a functional fungal group in the rhizosphere of maize and wheat under conventional and conservation agricultural practices. Joint Biodiversity Information Management & Foundational Biodiversity Information Programme Forum 2019. Pretoria, South Africa, 20–22 August 2019.
18. Swart A, Shokoohi E, **Visagie CM**, Marais M. Specimens of an entomophilic species of the genus *Cruznema* found in a potato rotation trial site in the Free State Province, South Africa. Potatoes SA Research Symposium 2019, Bela Bela, 23–25 July 2019.
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