

Short CV

Angeline van Biljon obtained her B.Sc. degree (Genetics and Botany -1988) and B.Sc. Honours (Genetics - 1989) at the University of the Free State. She became involved in breeding programmes for *Gladiolus* and *Ornithogalum* species while working as assistant agricultural researcher at the ARC-Roodeplaat Vegetable and Ornamental Plant Institute, Pretoria till September 1990. After spending nearly six years at a nursery in East London and one year at Port Rex High School she commenced with her postgraduate studies at the University of the Free State in April 1997. Her M.Sc. (Botany) with the title “Micropropagation of *Pinus* species” was obtained in 1999, under the supervision of Proff. A.J. van der Westhuizen and A.-M. Botha-Oberholster and in 2003 she completed her Ph.D. study under the supervision of Prof. M.T. Labuschagne with a thesis entitled “Genetic variability in the *Solanum nigrum* L. complex and related species in South Africa”. She is a member of the Southern African Plant Breeders Association. During 2005 and 2007 she was a Post-Doctoral Fellow at the Central University of Technology, Free State, in the Unit for Applied Food Safety and Biotechnology. She has authored and co-authored papers in accredited journals and several posters at conferences. She was appointed as lecturer in the Department of Plant Sciences, Plant Breeding division in 2009 where she teaches undergraduate courses and supervises postgraduate students.

Courses Presented

PLT 224 (Introduction to Plant Breeding)

PLT 424 (Advanced Breeding Techniques - co-responsible)

Publications (Short List)

Jacoby, A., van der Westhuizen, A.J. and Botha, AM. 2002. Establishment of embryogenic suspension cultures of *Pinus radiata* Don. *Southern African Forestry Journal* 194:53-58.

Jacoby, A., Labuschagne, M.T. and Viljoen, C.D. 2003. Genetic relationship between Southern African *Solanum retroflexum* Dun. and other related species measured by morphological and DNA markers. *Euphytica* 132: 109-113.

Jacoby, A. and Booyesen, E. 2005. Molecular methods for the detection of food-borne pathogens – an overview. *Interim* 4(2):72-82.

Jacoby, A. and Labuschagne, M.T. 2006. Hybridization studies of five species of the *Solanum nigrum* complex found in South Africa and two cocktail tomato cultivars. *Euphytica* 149:303-307.

Shale, K., Jacoby, A. and Plaatjies, Z. 2006. The impact of extrinsic sources on selected indicator organisms in a typical deboning room. *International Journal of Environmental Health Research* 16(4):263-272.

Derbyshire, W., Lues, J.F.R., Joubert, G., Shale, K., Jacoby, A. and Hugo, A. 2007. Effect of electrical stimulation, suspension method, and ageing on beef tenderness of the bonsmara breed. *Journal of Muscle Food* 18: 207-225.

Jacoby, A. and de Beer, H. 2007. Die bestudering van fenotipiese en genotipiese eienskappe van sekere psigrotrofiese voedselgedraagde bakterieë. *Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie* 26(1): 91-92.

Beknopte CV

Angeline van Biljon het haar B.Sc. graad (Genetika en Plantkunde -1988) en B.Sc. Honours (Genetika - 1989) aan die Universiteit van die Vrystaat behaal. Tydens haar diens as Assistent Landbounavorser tot en met September 1990 aan die LNR-Roodeplaat Instituut vir Groente en Sierplante - Pretoria was sy betrokke by die teelprogramme vir *Gladiolus* en *Ornithogalum* spesies. Na amper ses jaar by 'n kwekery en een jaar by Port Rex Tegniese Hoër Skool in Oos-London hervat sy haar nagraadse studies in April 1997 by die Universiteit van die Vrystaat. Sy verwerf haar M.Sc. (Plantkunde) studie getitelde "Micropropagation of *Pinus* species" in 1999 onder die leiding van Proff. A.J. van der Westhuizen en A.-M. Botha-Oberholster en in 2003 ontvang sy haar Ph.D. Die studie getitelde "Genetic variability in the *Solanum nigrum* L. complex and related species in South Africa". was onderleiding van Prof. M.T. Labuschagne. Angeline is 'n lid van die Suider Afrikaanse Plantetelersvereniging. Gedurende 2005 tot 2007 was sy 'n Genoot by die Sentrale Universiteit vir Tegnologie, Vrystaat waar sy by die Eenheid vir Toegepaste Voedselveiligheid en Biotegnologie navorsing gedoen het. Sy het al artikels in geakkrediteerde joernale as outeur en mede-outeur gepubliseer, sy het ook plakkate op nasionale en internasionale kongresse gelewer. Sy is in 2009 as dosent by die Departement Plantwetenskappe, afdeling Planteteelt aangestel waar sy voorgraadse student onderrig en as toesighouer vir nagraadse student optree.

Kursusse Aangebied

PLT 224 (Inleiding tot Planteteelt)

PLT 424 (Gevorderde Teeltegnyke mede-verantwoordelik)

Publikasies

Jacoby, A., van der Westhuizen, A.J. and Botha, AM. 2002. Establishment of embryogenic suspension cultures of *Pinus radiata* Don. *Southern African Forestry Journal* 194:53-58.

Jacoby, A., Labuschagne, M.T. and Viljoen, C.D. 2003. Genetic relationship between Southern African *Solanum retroflexum* Dun. and other related species measured by morphological and DNA markers. *Euphytica* 132: 109-113.

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Shale, K., Jacoby, A. and Plaatjies, Z. 2006. The impact of extrinsic sources on selected indicator organisms in a typical deboning room. *International Journal of Environmental Health Research* 16(4):263-272.

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Jacoby, A. and de Beer, H. 2007. Die bestudering van fenotipiese en genotipiese eienskappe van sekere psigrotrofiese voedselgedraagde bakterieë. *Suid-Afrikaanse Tydskrif vir Natuurwetenskap en Tegnologie* 26(1): 91-92.