



Prof Burton is Viserektor: Navorsing en Nagraadse Onderrig by die Universiteit van Pretoria. Sy ontvang 'n PhD in Biochemie van Rhodes-universiteit in 1994 en is van 1995 tot 2001 Dosent in die Departement Biochemie en Mikrobiologie aan dieselfde universiteit. Van 2001 tot 2008 is sy Dosent in die Departement Chemiese Ingenieurswese van die Universiteit van Kaapstad waar sy tot Professor bevorder word. In 2009 word sy as Direkteur van Nagraadse Studies by die Kaapse Skiereiland Universiteit van Tegnologie aangestel, 'n pos wat sy bekleed tot met haar aanstelling aan die Universiteit van Pretoria in 2011.

In 2011 ontvang sy die Beckman Goue Medalje van die Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie vir prestasie en diens in Biochemie.

Prof Burton is sedert 2009 lid van die International Union of Biochemistry and Molecular Biology (IUBMB) se internasionale nominasiekomitee en onderrigkomitee, en Visepresident van die Federation of African Societies of Biochemistry and Molecular Biology. Tussen 2000 en 2012 het sy op uitnodiging 17 programredes by volle sittings van internasionale kongresse gelewer. Sy is die outeur of mede-outeur van 85 portuurbeoordeelde artikels in internasionale vaktydskrifte, en van boeke en hoofstukke in boeke. Sy is 'n genoot van die Royal Society of South Africa en lid van die Suid-Afrikaanse Akademie vir Wetenskap (ASSAf).

Sy is 'n voormalige Vise-voorsitter van die Nasionale Wetenskap- en Tegnologieforum (NSTF), Voorsitter van die Science, Engineering and Technological Societies and Allied Professions Group (NSTF-proSET), en Vise-voorsitter van die Nasionale Wetenskap- en Tegnologieforum (NSTF). Sy was President van die Suid-Afrikaanse Vereniging vir Biochemie en Molekulêre Biologie (SASBMB) en Erepenningmeester van SASBMB van 2005 tot 2010. Sy was lid van die Departement van Wetenskap en Tegnologie se bio-ekonomiese agendakomitee van 2010 tot 2011. Sy het 'n B2-gradering van die NNS.

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Prof Burton is the Vice-Principal: Research and Postgraduate Education of the University of Pretoria. She completed a PhD in Biochemistry at Rhodes University in 1994 and taught in the Department of Biochemistry and Microbiology at Rhodes University from 1995 to 2001. Prof Burton then joined the University of Cape Town where she was a Professor in Chemical Engineering from 2001 to 2008, after which she was appointed as Director: Postgraduate Studies at the Cape Peninsula University of Technology from 2009, until her appointment at UP in 2011.

In 2011 she was awarded the South African Society for Biochemistry and Molecular Biology Beckman Gold Medal for achievement and service in Biochemistry.

Prof Burton has been a member of the International Union of Biochemistry and Molecular Biology (IUBMB) International Education Committee and the IUBMB International Nominations Committee since 2009 and she is the Vice-President of the Federation of African Societies of Biochemistry and Molecular Biology. She has delivered 17 international plenary and invited lectures between 2000 and 2012. She has authored or co-authored 85 peer-reviewed articles and chapters in international journals and books. She is a Fellow of the Royal Society of South Africa and a member of the Academy of Science of South Africa (ASSAf).

Prof Burton served as the Vice-Chair of the National Science and Technology Forum (NSTF) and Chair of the Engineering and Technological Societies and Allied Professions Group (NSTF-proSET) (2007-2011). She was President of the South African Society for Biochemistry and Molecular Biology (SASBMB) (2001-2004) and Honorary Treasurer for SASBMB (2005-2010), and served as a member of the DST Bioeconomy Steering Committee (2010-2011). She has a B2-rating from the NRF.

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Prof Burton ke Motlatšahlogo ya Dinyakišišo le Dithuto tša ka Godimo tša University of Pretoria. O phethile PhD dithutong tša Payokhemistri go la Rhodes University gomme ka 1994 a ba mofahloši Kgorong ya Rhodes University ya Payokhemistri le Maekropayolotši go thoma ka 1995 go fihla ka 2001, go la University of Cape Town moo e bego e le Profesa ya Boentšenera bja Dikhemikhale go thoma ka 2001 go fihla ka 2008, morago ga fao a thwalwa bjalo ka Molaodi: Dithuto tša ka Godimo go la Cape Peninsula University of Technology go tloga ka 2009 go fihla ge a thwalwa ke UP ka 2011.

Ka 2011 o abetšwe sefoka sa go bitšwa South African Society for Biochemistry and Molecular Biology Beckman Gold Medal malebana le dipihlelelo le tirelo ya gagwe mererong ya Payokhemistri.

Prof Burton e bile le leloko la International Union of Biochemistry and Molecular Biology (IUBMB) International Education Committee le la IUBMB International Nominations Committee go tloga ka 2009 gape ke Motlatšamopresitente wa Federation of African Societies of Biochemistry and Molecular Biology. O badile dipampiri tše 17 maamong a boditšhabatšhaba e le seboledi sa letšatši gare ga 2000 le 2012.

O ngwadile a nnoši mmogo le ba bangwe, diathekele, dikgaolo tša dipuku le dipuku tša go balelwa go 85 ka palo tše di gatišitšwego ka ditšenaleng tša maemo a boditšhabatšhaba tša go fiwa sabsiti. Ke leloko la Royal Society of South Africa le la Academy of Science of South Africa.

Ke Modulasetulo wa peleng wa National Science and Technology Forum (NSTF) Engineering and Technological Societies and Allied Professions Group (NSTF-ProSET) (2007-2011) le Motlatšamodulasetulo wa National Science and Technology Forum (2007-2011). E be e le Mopresidente wa South African Society for Biochemistry and Molecular Biology (SASBMB) (2001-2004) le moswaramatlotlo ka tlhomphele wa SASBMB (2005-2010). E be e le leloko la DST Bioeconomy Steering Committee (2010-2011).