

**Professor Roseanne Murphy Harris  
(formerly da Silva)  
BScHons FIA CFP® FASSA**

President, Actuarial Society of South Africa (2016/7)

Health Policy Actuary, Discovery Health and Adjunct Professor in the School of Statistics and Actuarial Science at the University of the Witwatersrand, Johannesburg



Roseanne is a health actuary with over 22 years of experience in the South African health care and employee benefits field. She graduated from Wits in 1993 and qualified as an actuary in 1995. She has made numerous presentations at conferences and professional events on topics including managed care, HIV impacts on medical schemes and retirement funds, medical scheme solvency, making healthcare accessible to the poor and cost indexation. She presented the Actuarial Society input on the Medical Schemes Act to the Portfolio Committee on Health in Parliament in September 1998. She has prepared a report on the impact of HIV on the financial services sector for National Treasury in 2002 and an update in 2006. In 2007 and 2009 she made presentations to the International Actuarial Association Health Section on topics including the indexation of prices for medical services, expanding access to health insurance to the poor and the impact of fitness activities on healthcare claims costs.

Roseanne has taken up a position as Health Policy Actuary with Discovery Health from July 2017. She practised as an independent consulting actuary from 1997 to 2017. Her clients included medical schemes, retirement funds and industry bodies. She is an approved retirement fund valuator and acts as valuator to over 30 South African retirement funds. She co-ordinates the actuarial science honours programme at the University of the Witwatersrand and supervises research in healthcare and social security. She was convenor of the healthcare committee of the Actuarial Society of South Africa from 2001 to 2003. She has served on the healthcare and research committees of the Actuarial Society and as convenor of the Actuarial Society's NHI Task Team. Her current areas of practice are healthcare, employee benefits and AIDS consulting.

Roseanne's consulting work has included work in other African countries such as Namibia, Botswana, Lesotho and Zimbabwe. She also worked on the feasibility study for the Government Employees' Medical Scheme in South Africa which led to its establishment. Her role as convenor of the Actuarial Society's NHI Task Team has required her to engage with the National Treasury and Department of Health on health reform issues and engage in research on international experience with social health insurance schemes. She has also been extensively involved in the regulatory development in South Africa including work on the task teams for the regulations of the Medical Schemes Act and Insurance Laws Amendment Act.

Roseanne is serving as the President of the Actuarial Society of South Africa for 2016-7 and has been on the Council since 2014. She also serves on the Education Board and is a member of the Curriculum Committee, chair of the Tuition Committee and member of the Healthcare Committee. She represents ASSA on the International Actuarial Association under the sections for Social Security, Health and Education.

**Qualifications:**

BScHons : Mathematical Statistics and Actuarial Science (Wits)

Fellow of the Institute of Actuaries

Certified Financial Planner (Pensions and Health)

Fellow of the Actuarial Society of South Africa

- Practising certificate: Health care
- Practising certificate: Retirement funds

Approved Pension Fund Valuator (registered with the Financial Services Board)

**Publications:**

Jurisich SC, da Silva R. (1996) Managed Care and South Africa. Transactions of the Actuarial Society of South Africa 1996 Vol XI Part II:560-597

da Silva R, Wayburne L, (2006) The effects of HIV/AIDS on medical schemes in South Africa. South African Actuarial Journal 2006 Vol 8:35-91

da Silva, R. Indexation of medical costs for South African medical Schemes. IAAHS Colloquium, Cape Town. 2007.

da Silva, R & Wayburne, L. A comparison of the HIV epidemics in South Africa and Brazil. [www.actuaries.org](http://www.actuaries.org), 2007

da Silva, R. (2008). The Impact of Wellness Activities on Hospital Claims Experience. In *Joint Colloquium of the IACA, PPSS and IAAHS May 2008*.

Lambert, E.V., da Silva, R., Patel, D., Fatti, L., Kolbe-Alexander, T., Noach, A., Nossel, C., Derman, W. and Gaziano, T., (2009). Fitness-related activities and medical claims related to hospital admissions-South Africa, 2006. *Preventing chronic disease*, 6(4), pp.1-9.

Patel, D.N., Lambert, E.V., da Silva, R., Greyling, M., Nossel, C., Noach, A., Derman, W. and Gaziano, T., (2010). The association between medical costs and participation in the vitality health promotion program among 948,974 members of a South African health insurance company. *American Journal of Health Promotion*, 24(3), 199-204.

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Patel D, Goetzel RZ, Beckowski M, Milner K, Greyling M, da Silva R, Kolbe-Alexander T, Tabrizi MJ, Nossel C. (2013) The Healthiest Company Index: A Campaign to Promote Worksite Wellness in South Africa. *Journal of Occupational and Environmental Medicine* 55, no. 2 (2013): 172-178.

Milner K, Greyling M, Goetzel R, da Silva R, Kolbe-Alexander T, Patel D, Nossel C. (2013) The relationship between leadership support, workplace health promotion and employee wellbeing. *Health Promotion International* 10/2013; DOI: 10.1093/heapro/dat064

Kolbe-Alexander T, Greyling M, da Silva R, Milner K, Pater D, Wyper L. (2013) The Relationship Between Workplace Environment and Employee Health Behaviors in a South African Workforce. *Journal of Occupational and Environmental Medicine* 10/2014; 56(10):1094-1099.

Da Silva, R., Milner, K., Kolbe-Alexander, T. L., Greyling, M., & Patel, D. (2014). The prevalence of chronic conditions associated with modifiable health risk factors in corporate employees in South Africa. *South African Actuarial Journal*, 14(1), 101-136.  
Butler, M., Reddy, T. L., & Da Silva, R. (2015). The process of ethical decision-making in South African retirement funds. *South African Actuarial Journal*, 15, 171-208.

Butler, M. B. J., Reddy, T. L., & Da Silva, R. (2015). The process of ethical decision-making in South African retirement funds. *South African Actuarial Journal*, 15(1), 171-208.

Milner, K., da Silva, R., Patel, D., & Salau, S. (2016). How do we measure up? A comparison of lifestyle-related health risk factors among sampled employees in South African and UK companies. *Global Health Promotion*, 1757975916656346.