


Daystar University Staff Profile Template

1. Name:	Samuel K. Kiranga Lecturer Actuarial Science														
2. Passport photo:															
3. Job Title and Responsibilities:	Lecturer Actuarial Science, Department of Science School of Science Engineering and Health Teaching Actuarial Science														
4. Biography (About Me):	<p>I have taught mathematics for 6 years in high school. I have worked in life assurance companies and pensions where I was involved in life valuations, life underwriting, pensions administration and actuarial valuation.</p> <p>I was a pioneer lecturer in actuarial science where I was involved in developing actuarial science curriculum as well as teaching actuarial science in both Karatina University and Mount Kenya University.</p> <p>I was a lead consultant for Insurance Regulatory Authority participating in three projects: Penetration of Micro-Insurance Business in Kenya, Nature and Extent of Insurance Fraud and Insurance Claims Settlement.</p>														
5. Academic Qualifications:	<table border="1"> <thead> <tr> <th data-bbox="513 1514 755 1549">Qualification</th> <th data-bbox="760 1514 995 1549">Year</th> <th data-bbox="1000 1514 1235 1549">Institution</th> <th data-bbox="1240 1514 1479 1549">Theses Title</th> </tr> </thead> <tbody> <tr> <td data-bbox="513 1556 755 1703">PhD (Financial Mathematics)</td> <td data-bbox="760 1556 995 1703">On-going. Expected completion April 2020.</td> <td data-bbox="1000 1556 1235 1703">Jomo Kenyatta University of Agriculture and Technology</td> <td data-bbox="1240 1556 1479 1703"></td> </tr> <tr> <td data-bbox="513 1709 755 1885">MSc (Actuarial Science)</td> <td data-bbox="760 1709 995 1885">2011</td> <td data-bbox="1000 1709 1235 1885">University of Nairobi</td> <td data-bbox="1240 1709 1479 1885">Pricing Equity-Linked Life Insurance Policies Using Stochastic</td> </tr> </tbody> </table>			Qualification	Year	Institution	Theses Title	PhD (Financial Mathematics)	On-going. Expected completion April 2020.	Jomo Kenyatta University of Agriculture and Technology		MSc (Actuarial Science)	2011	University of Nairobi	Pricing Equity-Linked Life Insurance Policies Using Stochastic
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				Interest Rate Models
	PGD (Actuarial Science)	2005	University of Nairobi	Actuarial Project Appraisal of CDF Projects in Gatundu South Constituency
	BED (Science) – Mathematics & Physics	2000	Kenyatta University	
6. Research Interests:	<ul style="list-style-type: none"> • Financial Mathematics: Valuations and Modeling. • Pensions and Retirement Benefits. • Life Contingencies. 			
7. Publications:	<p>Awaiting from publisher:</p> <ul style="list-style-type: none"> • Pricing Equity-Linked Life Insurance Policies Using Stochastic Interest Rate Models. • Stochastic Interest Rates Model in Life Assurance Contingent Claims. 			
8. Classes you teach:	<ul style="list-style-type: none"> • Fundamentals of Actuarial Science • Financial Mathematics • Financial Models • Actuarial Mathematics • Life Contingencies • Survival Models • Mathematics of Demography and Graduation • Operation research • Actuarial Theory of Pension Funds • Risk Theory and Management 			
9. Other relevant links:	<p>ResearchGate: Samuel kiranga Linked: sammy-kiranga</p>			
10. Official Contact Details:	<p>Email: skiranga@daystar.ac.ke sammy.kiranga@gmail.com Cellphone: 0722495835 Linked: sammy-kiranga</p>			