

Position Title and No.	Cheif Executive Officer Lead Expert Electric Vehicle Mobility		
Name of Expert:	Dr. Raúl H. Figueroa		
Date of Birth:	December, 1963		
Country of Citizenship/ Residence	United States of America/Kenya		
Education:	May 2015: PhD in Engineering & Public Policy, Carnegie Mellon University - Pittsburgh, PA 1987: B.S. Electrical Engineering, University of Puerto Rico- Mayagüez Campus, P.R		
Projects Undertaken:			
Period	Employing organization and position	Country	Summary of activities performed relevant to the Assignment
2011 to date	Quest Works Ltd CEO & Lead Consultant	Kenya	Lead consultant for several projects including power distribution systems, commercial, industrial, residential, communication, telemetry & automation systems, emergency power stations and educational projects in Kenya and the USA. Electric Motorcycle Importer and Assembler
2002-2011	Strathmore University, Nairobi, Kenya Buildings & Estate Manager	Kenya	Projects Manager and Design Team Leader for all Strathmore University and Strathmore Educational Trust construction projects.
1996-2002	Integral Architectural Products Inc. Senior Partner (Sold to partner in 2002)	United States of America (Puerto Rico)	Developed new product formulations, designed and supervised the factory facilities to manufacture building finishes products for tropical weather markets.
1992-1996	AFE, Inc., San Juan, Puerto Rico Programs Director and Projects Manager	United States of America (Puerto Rico)	Construction Management for all educational facilities for AFE, design team leader and site supervisor in Puerto Rico and Dominican Republic.

1987-1992	Eli Lilly & Company Carolina, Puerto Rico 1992: Engineering Services Manager 1989-1991: Maintenance Head of Department 1988–1989 Instrumentation Department-Head 1987–1988 project manager	United States of America (Puerto Rico)	Reviewed design and managed construction of pharmaceutical production facilities in Puerto Rico and Dominican Republic, including water treatment, waste water treatment, cogeneration power plants and environmental damage prevention and remediation projects.
Most relevant projects			
Construction	Strathmore Law school: May 2014 to present		
	Strathmore University rooftop PV solar installations: completed in 2014		
	Strathmore University Phase 3 Expansions: Finished in Jan 2012		
	Tusimba Conference and Training Center Entebbe, Uganda: completed in 2013		
	Karima House Office and Residential Block Nairobi: completed in 2008.		
	Strathmore Business School Annex Nairobi: Finished in 2008		
	Strathmore/Mbagathi Student Residence Nairobi, Kenya: Completed in 2006		
	Strathmore University Phase II Expansion Library, Auditorium and Women’s Center for Strathmore Educational Trust, funded by the EU – Nairobi, Kenya: Completed in 2004		
	Strathmore University School of Accountancy Expansion Nairobi, Kenya: Completed in 2005		
	Paloblanco Conference Center and Hospitality Management School Association for Cultural Interchange, funded by ACI (PR) and Kresgee Foundation (USA) Rio Grande, Puerto Rico: Completed in 1996		
	Hacienda Los Puentes Conference Center Fondo Educativo de Sur, funded by FES and Fomento de Fundaciones (Spain) Penuelas, Puerto Rico: Completed in 2001		
	Almenares Students Residence Fondo Cultural del Oeste and Association for Educational Development (PR) Mayagüez, Puerto Rico: Completed in 1997		
	Guajiles Student Residence Fondo Educativo del Sur, Ponce, Puerto Rico: Completed in 1999		

	Waste Water Treatment Plant Eli Lilly & Company. – Carolina, Puerto Rico: Finished 1990
	Production Upgrade Project Eli Lilly & Company. – Carolina, Puerto Rico: Completed in 1991
Utilities and Auxiliary Power Design and Installation	Emergency Power Systems Longhorn Steakhouse Restaurants – Puerto Rico: Completed in 2001
	Emergency Power and Load Shed Systems Eli Lilly & Company. – Carolina, Puerto Rico. Completed in 1990 Auxiliary Power Systems for Industrial, Commercial and Residential applications.
Quality Management Systems Implementation	ISO 9001:2000 Training and Certification Strathmore University, funded by the European Union – Nairobi, Kenya (The 1st University in East and Central Africa to be ISO 9001:2000 Certified, and 1st institution in Africa –including private firms- to do it based on intra-net procedures and documentation). Completed in 2003
	TQC Maintenance Management Implementation Eli Lilly & Company, Carolina, Puerto Rico Completed in 1992
Other projects	Strathmore University Building Management System (with 1020+ points of I/O, both digital and analog). For improved control of lighting, ventilation, power, utilities, fire safety and security. Configured and programmed in-house using Opto22 Programmable Automation Controllers. To be completed by June 2012.
	Strathmore VOIP Telephone System. Based on Open Source Software and generic components, with 400+ extensions. Target: To have the most cost-effective –while highly reliable- system of its kind in the region. At the time this was the largest Open Source VOIP implementation in Kenya.
	Strathmore Business School Campus Design (2008)
	Strathmore Student Centre, Phase III Faculty Buildings and New Sport Fields Design (2008)
	Strathmore University Physical Facilities year Master Plan (2008)
	Strathmore University Shrine - Design and Construction (2008)
	Ground Work to form a University-based Think Tank focused on Entrepreneurship and Environmental Policy (On-going)
	Co-Producing CD of the University Choir for the Development Office (2009)

Membership in Professional Associations	Member of Institute of Electrical and Electronics Engineers (IEEE)
	Member of the Society for Risk Analysis
	Member Motorcycle Assembler Association of Kenya (MAAK)
Service and Leadership positions	President - Kenya Archery Association, Nairobi 2006 – July 2011
	Secretary General - Kenya Archery Association, Nairobi. 2002 – 2006
	Founder & Director -The Leadership Summer Camp in Ottawa, Ca. 1984–2001
	Advisor - Baira Youth Club, Puerto Rico 1987 – 2002
	Youth Advisor and Tutor for Almenares Student Residence 1985 – 1986
	Martial Arts - Captain of the UPR – Mayaguez Campus Karate Team (won 4 Individual Open State Championships during that period) 1983 – 1986
Research	Engineering systems, building commissioning and safety technology policy, regulation
	Causes of the Post-Election Crisis in Kenya 2008. A personally funded research project to try to determine the “tipping point” of violence. In other words why some young men from troubled areas became violent in January 2008 up to the point of murdering people, while other in the same locations, and arguably from similar backgrounds, remained at home. Published in 2012.
Teaching	May 2007 - present: Strathmore Business School- Adjunct faculty for executive programs, lecturing on entrepreneurship, team building & management and negotiations
	2010- present: Strathmore business school - seminar leader for the construction project management executive seminar
	Strathmore Business school & Servicios Educativos Alternos Inc, Ponce Puerto Rico - Seminal leader for the "Doing Business in China Executive Summary"
Awards	1985 & 1986: Pharmaceutical Industry Association Award
	1985-1987: Tau Beta Pi Engineering Honor Society
	1983-1986: Deans List Award
Presentations	July 23-27, 2007: Speaker and mentor at the property & environment Research Center and Panels Enviropreneur Camp ; award winning program in Bozeman, MT; topic - Changing the rules of wildlife conservation program in Kenya

	June 2007: Guest speaker at the African premier of the call of the entrepreneur documentary; topic - traits of entrepreneurial societies
	Feb 11th , 2007: Featured Speaker at the East African Wildlife society gathering in Nairobi; topic - Principles of Market Based Solutions to Wildlife Conservation Problems and Human-wildlife conflict
	2008: Contributor and panelist at the special session on land policy review at the Strathmore Ethics conference in 2008. Co-authored a paper with Dr Michael Norton-Griffin and Dr Thomas Wolf
Academic activities	2003-2011: Undergraduate Students Mentor
	2007 -2008: MBA Student Mentor at Strathmore Business School
	1995 - 2002: Undergraduate students mentor at the University of Puerto Rico
Interests	Analysis, and energy, and environmental policy in Sub-Saharan Africa
Recent Events & Appointments	2018 - present : Cheif Executive Officer Bethmobility and Questworks Motorlabs
	March 2006: Istituto per la Cooperazione Universitaria (ROME); UNIV Regional Coordinator for East Africa
	November, 2007 : The PhD Project Conference; Chicago
	April 2007: Atlas Economic Research Foundation Forum ; Fellow Philadelphia
	February 2007: Mont Pelerin Society Africa; Fellow Nairobi
	March 2007: Kenya National Wildlife Policy Review Symposium
	April 2007: Kenya Land Policy Review Stakeholders work group
Conferences Organized	Property Rights, Environment and Wealth Conference: the conference targets local policy makers, consultants, Members of Parliament, UN Officials and heads of International NGO's with offices in Kenya, Tanzania and Uganda
	UNIV conference in 93,95,97,98,99,2000 & 2006: Finalist papers from the region presented those years at the International Conference in Rome, Italy.
	Conservation, Wildlife & Markets Conference Designed and directed a two and a half days conference featuring economists, lawyers and environmental experts with the purpose of educating Kenya's policy makers on alternative avenues to wildlife conservation. Prominent speakers included famous archeologist Dr.

	Richard Leakey and Hoover Institution Economist Prof. Terry L. Anderson.
Language Skills	Fluent: English , Spanish Intermediate: Kiswahili, Latin Rudimentary: Italian