



2018 SLATE OF CANDIDATES

MEET THE CANDIDATES - The Policy Council and the Nominating Committee are pleased to present the candidates nominated as Officers and Policy Council Members.

The Nominating Committee submits a single nomination for each position to be filled in the pending election. However, members may submit other nominations for these offices and positions. If no nominations are received from the membership at large, the slate of candidates as submitted to and approved by the Council will be deemed elected. For more information on nominations and elections go to the Governance page on the Society's website.



Martin F. G. Schaffernicht – President Elect (2018)

Martin Schaffernicht is an associate professor at the College of Business Administration University of Talca in Chile. Born and raised in Germany, he was originally trained as economist (Freiburg, 1990), then worked in France as research engineer for rural banking projects and obtained a PhD in Management in 2012 (Montpellier, France). Martin's PhD dealt with management cybernetics, he then moved towards Systems Dynamics as a way to design decision rules. He has been a member of the Society since 2003. His research evolves around the question of how mapping and simulation modeling influence mental models in feedback-driven management and planning situations. His teaching at the undergraduate and graduate level includes System Dynamics in combination with business strategy and with introductory economics. Martin has also authored a Spanish textbook for System Dynamics. As a member of the Society, he has served as president of the Latin-American Chapter, president of the Economics Chapter, and Vice-president Chapters in the Policy Council as well as founding editor of the "Revista de Dinámica de Sistemas."



Robert L. Eberlein – Vice President Electronic Presence (2018-2020)

Robert Eberlein, PhD, is a researcher, teacher, and consultant with expertise in addressing social, economic, and business issues using the techniques of System Dynamics. He is the Co-President of isee Systems and a consultant. He has done significant work on population aging and health with the Duke-NUS Graduate Medical School in Singapore. He holds the post of Adjunct Assistant Professor at Worcester Polytechnic Institute where he teaches a graduate course on advanced model analysis techniques. He has consulted to organizations in a range of industries including pharmaceuticals, aerospace, telecommunications, information technology, retail and the military. He was the original developer of the Threshold 21 model now widely used for policy studies in developing countries. Robert holds a PhD from the Sloan School of Management at MIT with specialization in Applied Economics and System Dynamics and has served as an officer of the System Dynamics Society for 25 years. He was, through 2010, the primary developer of Vensim, one of the predominant software tools in System Dynamics, and has delivered a number of customized software solutions actively used in managing business processes.



Özge Pala– Vice President Membership (2018-2020)

Özge Pala is an assistant professor of management and strategy at the College of Administrative Sciences and Economics, Koç University, Istanbul, Turkey. She holds a PhD from Nijmegen University, the Netherlands. Her research focuses on modeling and analysis of escalation of commitment and other information search biases. Her teaching interests include organizational behavior and behavioral decision making. Özge has been active in the System Dynamics Society for the past 15 years. In 2013, she co-organized the European System Dynamics Workshop in Istanbul. She was one of the founders of the Student Chapter and co-organized the first PhD Colloquia.



Dr. Krystyna A. Stave – Vice President of Publications (2018-2020)

Krys Stave is Professor of Environmental Studies at the University of Nevada Las Vegas. She uses a systems perspective in her research and teaching to promote sustainable environmental management, increase community understanding of environmental issues, and engage stakeholders in policy analysis and environmental decision-making. She teaches systems modeling, conducts research on the effectiveness of systems models for environmental decision-making, and works with stakeholder groups to develop models for specific issues. Applications of her participatory systems modeling research include projects in water policy, transportation-related air quality management, zero-waste planning and social-ecological system dynamics. Other research examines the use of simulation models for discovery learning about sustainability and using participatory modeling to foster transdisciplinary collaboration on environmental and public problem-solving. Krys holds an undergraduate engineering degree in Operations Research, an M.S. degree in Systems Analysis and Policy Design, and PhD from the Yale School of Forestry and Environmental Studies. She spent the 2013-2014 year as a US Fulbright Core Scholar at Bahir Dar University, Ethiopia, working with the Blue Nile Water Institute.



Shayne Gary – Policy Council (2018-2020)

Shayne is an Associate Professor and Strategy Research Cluster Head at the UNSW Business School in Sydney Australia. He received his Ph.D. and was subsequently a Research Fellow in Decision Sciences at London Business School. Shayne has been a visiting scholar at MIT's Sloan School of Management and at Duke University's Fuqua School of Business. His research examines how differences in managerial mental models, policies, and cognitive reasoning processes lead to differences in firm performance. One stream of research combines in-depth fieldwork and simulation modeling to investigate how organizational policies drive firm performance over time. A second research stream involves laboratory experiments investigating decision making using management flight simulators. Shayne's research has been published in the Strategic Management Journal, System Dynamics Review, and other leading journals. He is an Associate Editor of the System Dynamics Review and Program Chair of the Behavioral Strategy Interest Group of the Strategic Management Society.



Hilde Martinussen – Policy Council (2018-2020)

Hilde Martinussen works as a Senior Consultant at Powersim Software and is based in Bergen Norway. Born and raised in the same city as well as graduating from the University of Bergen, she holds a Cand. polit. Degree in System Dynamics and programming from the Institute of Information Science. She started working for Powersim back in 1995 and is now one of the owners of Powersim Software founded back in 2002. Powersim is the developer of the System Dynamics software tools Powersim Studio. She has been a consultant applying System Dynamics methodology to organizations in a range of industries; mainly within energy, reaching from renewable to oil and gas, as well as within human resource, health and pharmaceutical sector.



Josephine Kaviti Musango – Policy Council (2018-2020)

Josephine is an Associate Professor with the School of Public Leadership (SPL), Stellenbosch University, South Africa. She is also the Research Group Leader for Urban Modelling and Metabolism Assessment (uMAMA) Research Team (www.umama-africa.com) at the Centre for Complex Systems in Transitions (CST, <http://www0.sun.ac.za/cst/>). Josephine teaches system dynamics as a module in Sustainable Development Programme of SPL. For more than ten years, she has utilised system dynamics modelling in various contexts including resource flows analysis, aquaculture management, energy assessment, technology assessment and green economy. She is NRF-rated researcher and her on-going research relates to the application of system dynamics in managing change in resource management and policy related challenges – especially in the energy, green economy and African urban resources issues. Josephine was one of the Founding Members of South Africa System Dynamics Chapter and currently serving as the Organising Secretary of the Chapter.



Raafat Zaini – Policy Council (2018-2020)

Raafat completed his PhD in System Dynamics and organization studies at Worcester Polytechnic Institute (WPI) in 2016. His research interest is in the area of organizational dynamics and innovation sustainability with a focus on R&D organizations and higher education institutions. His current work involves the analysis and dynamic modeling of startup research universities strategies, and investigating the role of dissent in organizational health. He won the Graduate Innovation Exchange Award for Phd research in social science and business at WPI in 2013 and 2014. While pursuing his PhD, Raafat has worked as a researcher at the MIT Sociotechnical Systems Research Center and currently consults for the Advance Management Group. He served as a co-chair of the System Dynamics Society Business Special Interest Group 2013-15. He is currently the president of WPI System Dynamics club. Raafat has a bachelor degree in mechanical engineering from KFUPM in Dhahran Saudi Arabia, and a master degree in aeronautical and industrial engineering from Purdue University. He spent 20 years in the industry where he held technical and managerial positions before joining WPI in July 2011. **Partial term.*