



2019 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 (2019)

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*.



Birgit Kopainsky – President Elect (2019)

Birgit Kopainsky is an associate professor in System Dynamics at the University of Bergen, Norway. She holds a PhD in agricultural economics from ETH Zurich and a master's degree in Geography from the University of Zurich in Switzerland. She teaches at the University of Bergen as well as at ETH Zurich in Switzerland. In her research, she explores the role that System Dynamics analysis and modeling techniques can play in facilitating transformation processes in social-ecological systems, such as the transformation towards sustainable agri-food systems on local, national and international levels. She conducts research both in Europe and in developing countries, mostly in sub-Saharan Africa. As a member of the System Dynamics Society, Birgit has co-founded the Swiss chapter, served on the Policy Council, and on a wide range of committees. In 2016, she was the program co-chair at the Delft conference and she is also an associate editor of the *System Dynamic Review*.



Brad Morrison – Secretary (2019-2021)

Brad Morrison is an Associate Professor of Management, Brandeis International Business School; Senior Lecturer, MIT Sloan School of Management and Engineering Systems Division; current System Dynamics Society Secretary. Brad teaches System Dynamics, operations management, and organizational behavior. For the System Dynamics Society, he has served on the Policy Council, Awards Committee, Administrative Committee, and Applications Award Committee; as the Chair of the Organization and By-Laws Committee; and as Secretary of the Society for three terms. He has served as a Thread Chair, Conference Reviewer, Session Chair, Session Reporter and ad hoc reviewer for the *System Dynamics Review*. In 2012, he was awarded the Jay Wright Forrester Award for his work on dynamic problem solving. Brad has published System Dynamics articles in the *Academy of Management Review*, the *American Medical Journal*, *Academic Emergency Medicine*, *Journal of Business Research*, and the *System Dynamics Review*. Before academia, he was partner at a leading global management consulting firm and has more than 15 years of consulting experience. He holds a PhD in Management from the Sloan School of Management at MIT, an MBA from the University of Chicago Booth School of Business, and undergraduate degrees in Chemistry and Management Science from MIT.



Warren Farr– Vice President Marketing (2019-2021)

Warren Farr is the President of Informed Dynamic Systems and the CEO of Refrigeration Sales Corporation (RSC), a privately owned midwest WholeServer™ of heating, ventilating, air conditioning, and refrigeration equipment, parts, and supplies. During his employment at RSC, Warren completed a Master in Science degree at WPI, specializing in System Dynamics. Prior to joining RSC, Warren held various product design and sales positions in the then young and growing computer networking industry. During this time he obtained an MBA from the Fuqua School of Business at Duke University. Prior to designing computer networks, Warren was software engineer at MITRE Corporation designing military command, control, and communication systems. Warren's Bachelor of Science degree is in computers and physics from Duke University. Throughout his life, he has been fascinated by designing and operating complex systems. System Dynamics provides a useful and satisfying way of describing and analyzing these systems. Warren enjoys the peer group provided by being a member of the International System Dynamics Society and its Policy Council.



Len Malczynski– Vice President Meetings (2019-2021)

Leonard A. Malczynski is a System Dynamics practitioner, micro-economist and software engineer. He is co-owner of Mindseye Computing, LLC. Len is a former US Peace Corps volunteer and has worked in more than 10 countries in Africa, Asia, South America, and the Caribbean applying and teaching software engineering and System Dynamics. He was the conference chair for the 27th International Conference of the System Dynamics Society, a member of the Society Policy Council (2011-13), VP Meetings (2013-15), and President of the Society (2017). He was a member of the Office of the Chief Economist at Sandia National Laboratories from 1998-2005 and ended a 28 year career at the Laboratories in March 2017. His current activities involve a software specialization in Powersim Studio and Group Moderator of the international Powersim Users Group. He has been an adjunct professor in economics and software engineering for 29 years at the University of New Mexico. He holds a BS Forestry, MS in Agricultural Economics, MA in economic theory, MBA, and a graduate certificate in System Dynamics.



Jack Homer – Vice President of Professional Practice (2019-2021)

Jack Homer is an expert in System Dynamics simulation modeling, a former faculty member at the University of Southern California, and a full-time consultant to private and public organizations since 1989. His articles on modeling applications and methodology are frequently cited, and many are published in the books, *Models That Matter* (2012) and *More Models That Matter* (2017). In the health sector, he has done modeling projects for federal agencies including CDC, NIH, CMS, FDA, and VHA, and for several foundations, think tanks, and state and county health departments. He has been lead modeler for the Rippel Foundation's ReThink Health initiative since its inception in 2011. He is the recipient of several awards from the International System Dynamics Society, the CDC, AcademyHealth, and the Applied Systems Thinking Institute. Dr. Homer has a PhD from MIT, where he studied System Dynamics and economics and wrote his dissertation on the adoption and evolution of new medical technologies.



Sharon Els – Policy Council (2019-2021)

Sharon has specialized in business modeling and simulation for over twenty years. At PA Consulting Group her client work has included: analyzing market change and evolution, optimizing corporate resource allocation, and improving development project performance. She has advised corporate executives and government leaders on complex strategy, policy, and program challenges at a number of technology, aerospace, finance, healthcare, and government organizations. Sharon holds a Bachelor's degree in Civil Engineering from MIT, and an Master's of Business Administration from MIT's Sloan School.



Elke Husemann– Policy Council (2019-2021)

Elke Husemann is a Visiting Research Fellow at Henley Business School. She was Program Co-chair at the International System Dynamics Conference in St Gallen, Switzerland in 2012. She is a recipient of the Jay Wright Forrester Award 2007 for the article "Steering Away from Scylla, Falling into Charybdis: The Importance of Recognising, Simulating and Challenging Reinforcing Loops in Social Systems" and of the Operational Research Society's President's Medal 2014 for the application of systems modelling approaches in the child protection sector in England.



Sara Metcalf – Policy Council (2019-2021)

Sara Metcalf is Associate Professor of Geography at The State University of New York at Buffalo. She holds undergraduate degrees in biochemistry and chemical engineering from Texas A&M University, master's degrees in management science and chemical engineering from MIT, and a PhD in geography from the University of Illinois, her home state. She is an MPI on 2 NIH grants that employ systems science to explore ways to promote oral health equity for underserved minority populations. She is also part of a study using System Dynamics to simulate the impact of increased risk perception on social behaviors that could mitigate climate change. Sara learned System Dynamics at MIT through courses and thesis research, for which she developed a diffusion model of alternative vehicles such as hybrids, fuel cells, and electric vehicles. Her dissertation then centered on development of an agent-based model to simulate social network effects on urban household mobility. Sara teaches dynamic modeling and advises several graduate students who are using systems science to examine ways of promoting societal benefits such as health equity, food justice, and resilience.



Lees N. Stuntz – Policy Council (2019-2021)

Lees N. Stuntz, Executive Director of the Creative Learning Exchange (CLE), founded the organization in 1991 under the direction of Jay Forrester, the founder of the field of System Dynamics. The CLE Board of Trustees includes eminent system dynamicists, George Richardson and Brad Morrison. As Director of the CLE, Ms Stuntz runs workshops on systems thinking and System Dynamics for educators and a biennial conference as well as visiting schools across the US while interacting with teachers and administrators. She maintains contacts with the System Dynamics community and educators who are interested in utilizing systems thinking and System Dynamics in their schools, both administratively and in the classroom. The CLE disseminates curricula and simulations for free on the website and published in book format. Stuntz has her A.B. in Sociology from Wellesley College and her M.A. in Child Study from Tufts University. Her volunteer activities have included serving on the local School Board and Chairing the School Building Committee in her district for many years as well as serving on the Board of Directors for a local children's discovery learning museum.