Proposed Slate of Candidates to take office January 1, 2011

The Nominating Committee is pleased to nominate the following slate of candidates for Officers and Policy Council members to take office January 1, 2011.

President-Elect: David Ford
Secretary: Brad Morrison (re-appointment)
VP Finance: David Andersen (re-appointment)
VP Chapters: Tim Haslett (re-appointment)

PC 1: Allyson Beall
PC 2: Peter Hovmand
PC 3: Len Malczynski
PC 4: Markus Schwaninger

The committee received new expressions of interest in being a member of the Policy Council from more than 15 members of the Society, along with the 35 or so we had from 2008. We had extensive discussions of the candidates, and believe that the slate we have nominated represents a well qualified and diverse set of candidates. Bios for the new candidates are given below, along with an indication of the diversity of the Policy Council.

Characteristics of the Slate of Candidates:

The chart to the right is a summary of the characteristics of the 2009 and 2010 Policy Council and Officers along a number of diversity dimensions: location, profession, training, age, and gender. Location is a bit difficult because several members were born/raised/trained in one region but now work in a different region. In these cases, a balancing was attempted (e.g., placing one person from say Latin America now working in the US in the LA category, and another in the NA category). Age distribution is an estimate.

As you can see, with the exception of an increase in representation from Europe and Latin America (at the expense of all other regions), and an increase in non-MIT-trained members, the diversity of the Council with the proposed slate has remained relatively unchanged from 2009. We believe that this reflects a reasonable balance.

Policy Council/Officer Mix

		2011%	2010%
Location	NA	48%	36%
	Europe	36%	40%
	Asia/Paci	4%	8%
	LA	12%	12%
	Africa	0%	4%
Profession	Academic	76%	72%
	Consultan	12%	16%
	Industry	12%	8%
	Student	0%	4%
Training	MIT	28%	28%
	Non-MIT	72%	72%
Age	<30	4%	8%
(estimate)	30 - 50	60%	48%
	>50	36%	44%
Gender	M	76%	76%
	F	24%	24%

Biographies of the Slate of Candidates:

David Ford Ph.D., P.E. is an Associate Professor in the Construction Engineering and Management Program in the Zachry Department of Civil Engineering at Texas A&M University and a Research Associate Professor of Acquisition in the Graduate School of Business and Public Policy at the US. Naval Postgraduate School. He researches development project dynamics, the application of real options for managing risk, resource allocation, and the management of contracted professionals. He teaches the strategic management of development projects using the system dynamics methodology and project planning, estimating and control. Dr. Ford actively works with firms in industry and public agencies to improve the planning and management of large, complex development projects. Prior his position at Texas A&M Dr. Ford was on faculty in the Department of Information Science at the University of Bergen, Norway, where he researched and taught in the System Dynamics Program. For over fourteen years he designed and managed the

development of constructed facilities in industry and government. He received his Ph.D. degree from the Massachusetts Institute of Technology and his Masters and Bachelors degrees from Tulane University. He has published in System Dynamics Review, IEEE Transactions on Engineering Management, Systems Research and Behavioral Science, European Journal of Operational Research, ASCE Journal of Construction Engineering and Management, Construction Management and Economics, Defense Acquisition Review, and has contributed to several authoritative books. He is a managing editor of the System Dynamics review and a faculty advisor for the Texas A&M University student chapter of Engineers Without Borders.

Allyson Beall Affiliations: Expert to the Education and Outreach Lead, Ecosystem Services Research Program, National Center for Environmental Assessment, USEPA Participatory Modeler, University of Idaho, Moscow ID Teaching Associate, Washington State University, Pullman WA

Dr. Beall's expertise includes the use of system dynamics as an environmental problem solving methodology. Her work supports the use of collaboratively built simulation models to improve environmental decision making processes and has included projects concerned with endangered species management, watershed management and aquifer management. In addition, she is interested in using these models for improving the accessibility of scientific information to the public who may be affected by policy decisions based on that information. Her work with the EPA ESRP program includes the development of educational models that explain ecosystem services and illuminate both the impact of these services on human health and well-being and the impact of human decisions upon ecosystem services. She also works as a participatory modeler with University of Idaho Waters of the West is currently focused on the development of the Palouse Basin Participatory Water Resource Visioning Tool. As lead facilitator and modeler she is helping members of the local aquifer committee and citizens advisory group build an educational model as the first step to a decision support tool that bridges multiple jurisdictions. Partnering with stakeholders to build models helps stakeholders clarify their mental models, educate one another and helps build the capacity for collaboration in the future. Her work at Washington State University in environmental science education includes an introductory environmental science class and a NEPA environmental assessment class both of which she teaches from the systems perspective. She has a Ph.D. in Environmental and Natural Resource Science from WSU.

Peter Hovmand is the Founding Director of the Social System Design Lab, George Warren Brown School of Social Work, Washington University in St. Louis and consults with the St. Louis VA Medical Center as a member of the Health Care Optimization (HCO) Group. Dr. Hovmand holds an Interdisciplinary Ph.D. in social science with concentrations in social work and community ecological psychology, and a cognate in feminist philosophy/women's studies. He also holds degrees in electrical engineering and mathematics. Dr. Hovmand studies the implementation of innovations in human service organizations and communities with specific interests in 1) understanding how implementation of innovations interact with social determinants of health to impact population level outcomes, and 2) developing participatory methods to build behavioral models with diverse stakeholder groups at the household, organizational and community level. Application areas include health and mental health, energy and environment, domestic violence, and criminal justice systems.

He has expertise in system dynamics computer simulation modeling and group model building. His work is currently funded through the National Science Foundation, United States Centers for Disease Control and Prevention, and National Institutes of Health including Office of Behavioral and Social Sciences Research and National Institute of Mental Health. Dr. Hovmand has been working on developing group model building techniques to develop models with diverse professional and community stakeholders including both domestic and international projects (rural India, Mongolia).

He is an active member of the System Dynamics Society and co-chair of the Diversity Committee. He is also a member of the Society for Social Work Research, and Institute of Electrical and Electronics Engineers (IEEE), and member of the Robert Wood Johnson Foundation/National Institutes of Health sponsored childhood obesity modeling steering committee and Comparative Modeling (CompMod) network. His system dynamics research and teaching has appeared in peer reviewed journals including *American Journal of Community Research, Journal of Behavioral Health Services & Research,* and *System Dynamics Review* and the proceedings of the International System Dynamics Conference. He has also served as reviewer for *American Journal of Public Health*, *European Journal of Operations Research*, *International System Dynamics Conference*, *Journal of Behavioral Health Services and Research*, *Psychometrika*, *Social Work Research*, *System Dynamics Review*, and *Systems Research and Behavior Science*.

Leonard A. Malczynski has a formal education in forestry, economics, software engineering and system dynamics. He began his software engineering career with the advent of the first personal computers and has worked with a variety of platforms and operating systems. His specialties are in database management systems, system dynamics modeling and geographic information systems. Over the past ten years he has concentrated on the building of system dynamics models dealing with aspects of the nuclear fuel cycle, world energy consumption, water basin management, international conflict, biofuel adoption and international migration. He was a member of the Office of the Chief Economist at Sandia National Laboratories from 1998-2005. His current activities involve professional work with the System Dynamics Society, a software specialization in Powersim Studio, and development of software engineering techniques applicable to system dynamics modeling. Leonard has also taught information systems and microeconomics courses at the University of New Mexico and the College of Santa Fe since 1988. Prior to Sandia National Laboratories he spent 10 years as an independent information systems consultant in Africa, Asia, and the Caribbean as well as two years in the US Peace Corps in Niger, West Africa.

Markus Schwaninger is a Professor of Management at the University of St. Gallen (HSG), and Conference Chair of the proposed 2012 System Dynamics Conference in Switzerland. His focus at the University is on long-term challenges to society. Current research concentrates on harnessing system science to improve organizations. Scholarly achievements have included contributions to organizational modeling and design, organizational intelligence, transformation and learning, corporate and societal sustainability. Research work at the chair is on Model-based Management and Organizational Cybernetic Methodology. Within the HSG System Dynamics Group at the Institute of Management of the University of St. Gallen, projects on Theory-Building with Simulation Modeling, Simulation Based Management Education, Model-based Management with Simulation Approaches, Diffusion and Innovation Dynamics, Norm Formation Processes in Social Systems, among others, are carried out by Schwaninger or under his supervision.

Respectfully Submitted by the Nominating Committee:

Jim Lyneis (Chair)
Yaman Barlas
Deborah Campbell
Birgit Kopainsky
Erling Moxnes
Rogelio Oliva