



Job Profile Information

Organization	MIT Sloan School of Management System Dynamics Group
Background of organization	<p>System Dynamics combines the theory, methods, and philosophy needed to analyze the behavior of systems not only in management but also in other fields such as environment change, politics, economic behavior, medicine, and engineering.</p> <p>It draws on Organizational Studies, Behavioral Decision Theory, and Engineering to provide a common foundation for understanding and influencing how things change over time.</p> <p>System Dynamics This research group was founded in the early 1960s by MIT Sloan Professor Jay W. Forrester. Forrester began applying what he had learned about systems during his work in electrical engineering to everyday kinds of systems. The group now has three main research projects:</p> <ul style="list-style-type: none"> - The National Model Project, which strives for a better understanding of how the U.S. economy works. - The System Dynamics in Education Project, which is writing a do-it-yourself workbook for learning system dynamics Road Maps. - The Improvement Paradox: Designing Sustainable Quality Improvement Programs.
Contact phone, fax and/or email	<p>sd-search@mit.edu Chair, OM Faculty Search Committee c/o Ms. S. Nemat-Nasser, MIT Sloan School 50 Memorial Drive E53-360 Cambridge, MA 02142-1347</p>
Position title	Assistant professor
Job location	Cambridge, MA
Position description	<p>The MIT Sloan School of Management invites applications for a tenure-track faculty position in system dynamics, to begin July 2008. Candidates should have excellent training in the system dynamics simulation technique and/or related modeling methodologies, such as nonlinear dynamics, control theory, computer simulation or agent-based modeling, as well as research interests relevant to the management and/or behavioral sciences. System dynamics at Sloan is closely affiliated with both the management sciences and organization studies. Applicants whose substantive research interests are interdisciplinary are particularly invited to apply, including applicants whose research involves the social and behavioral sciences. We especially want to identify qualified female and minority candidates for consideration in this position.</p> <p>Applicants must submit: 1) an up-to-date curriculum vitae; 2) up to three representative publications; 3) a brief statement of objectives and aspirations in research and education; 4) an official graduate transcript; 5) information about teaching experience and performance evaluations; and 6) three letters of recommendation by December 1, 2007.</p>

	<p>We strongly encourage electronic submissions. Please send application materials to: sd-search@mit.edu Chair, OM Faculty Search Committee c/o Ms. S. Nemat-Nasser, MIT Sloan School 50 Memorial Drive E53-360 Cambridge, MA 02142-1347</p>
Required skills	<p>Applicants should possess a PhD in a relevant field by the date of appointment.</p>
Desired Skills	<p>Candidates should have excellent training in the system dynamics simulation technique and/or related modeling methodologies, such as nonlinear dynamics, control theory, computer simulation or agent-based modeling, as well as research interests relevant to the management and/or behavioral sciences.</p>
Salary Range	
URL to host organization	<p>http://web.mit.edu/</p>