

HYUNJUNG KIM
Department of Management
College of Business
California State University, Chico
Chico, CA 95929
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ACADEMIC APPOINTMENT

California State University, Chico **2009-Present**
Professor
Department of Management, College of Business

EDUCATION

**Rockefeller College of Public Affairs and Policy, University at Albany
State University of New York, Albany, NY**
Ph.D. in Public Administration and Policy (May 2009)
Concentration: Decision and Policy Sciences, Modeling and Simulation

**Rockefeller College of Public Affairs and Policy, University at Albany
State University of New York, Albany, NY**
Master of Public Administration (May 2004)
Concentration: Systems Modeling and Simulation, Information Strategy and Management

Graduate School of International Studies, Korea University, Seoul, Korea
Master of Arts (February 2001)
Concentration: International Commerce, East Asian Studies

Yonsei University, Seoul, Korea
Bachelor of Arts (February 1998)
Concentration: Korean Language and Literature

PUBLICATIONS & PRESENTATIONS

Peer-Reviewed Journal Articles:

Ghaffarzadegan, Navid, Sarah Mostafavi, and Hyunjung Kim. (2023) Socio-Technical Interdependencies and Tipping-Point Dynamics in Data-Intensive Services. *System Dynamics Review*, 39(1): 5-31.

Tomoasia-Cotisel, Andrada, Samuel Allen, Hyunjung Kim, David Andersen, and Zaid Chalabi. (2022) Rigorously Interpreted Quotation Analysis for Evaluating Causal Loop Diagrams in Late-Stage Conceptualization. *System Dynamics Review*, 38(1): 41-80

- Prochaska, John, Hyunjung Kim, et al.** (2019). The Utility of a System Dynamics Approach for Understanding Cumulative Health Risk from Exposure to Environmental Hazards. *Environmental Research*, 172: 462-469.
- Hosseinichimeh, Niyousha, Hyunjung Kim, et al.** (2019) Using a Stakeholder Analysis to Improve Systems Modeling of Health Issues: The Impact of Progesterone Therapy on Infant Mortality in Ohio, *Systems Research and Behavioral Science*, 36: 476-493.
- Kim, Hyunjung, and Michael Rehg.** (2018). Faculty Performance and Morale in Higher Education: A Systems Approach, *Systems Research and Behavioral Science*, 35(3): 308-323.
- Richardson, George, Laura Black, ..., Hyunjung Kim, et al.** (2015). Reflection on Peer Mentoring for Ongoing Professional Development in System Dynamics, Notes and Insights, *System Dynamics Review*, 31(3): 173-181.
- Turner, Benjamin, Hyunjung Kim, and David Andersen.** (2014). Improving Coding Procedures for Purposive Text Data: Researchable Questions for Qualitative System Dynamics Modeling. *System Dynamics Review*, 29(4): 253-263.
- Kim, Hyunjung, Roderick MacDonald, and David Andersen.** (2013). Simulation and Managerial Decision Making: A Double-Loop Learning Framework. *Public Administration Review*, 73(2): 291-300.
- Kim, Hyunjung, and David Andersen.** (2012). Building Confidence in Causal Maps Generated from Purposive Text Data: Mapping Transcripts of the Federal Reserve. *System Dynamics Review*, 28(4): 311-328.
- Park, Hyun Hee, R. Karl Rethemeyer, Karen Bryce, David Andersen, and Hyunjung Kim.** (2011). Making Friends and Influencing Careers: Social Integration, Homophily, and Cohort-Wide MPA Courses. *The Journal of Public Affairs Education*, 17(3): 417-445.
- Kim, Hyunjung.** (2009). In Search of a Mental Model-Like Concept for Group Level Modeling. *System Dynamics Review*, 25(3): 207-223.

Peer-Reviewed Conference Proceedings and Presentations:

- Kim, Hyunjung, and Ali Mashayekhi.** (2023) Learn and Teach System Dynamics using a COVID 19 Simulation Model: A Curriculum based on Model Replication. International Conference on Dynamics and Systemic Thinking, Tehran, Iran. Presented at a plenary session.
- Deegan, Michael, Roderick MacDonald, and Hyunjung Kim.** (2021) Systems Tools for Supporting Strategic Decision Making at the U.S. Army Corps of Engineers. 39th International System Dynamics Conference. Virtually held. Presented at a poster session.
- Andersen, David. Ali Mashayekhi, Dan Gordon, Babak Bahaddin, and Hyunjung Kim.** (2021) The Diaries During and After the Lockdown Project. 39th International System Dynamics Conference. Virtually held. Following four related papers were presented at a parallel session.
- A Story-Telling Approach for Communicating COVID-19 Dynamics to the Public (Lead author: David Andersen)
 - Technical Details of a Model for Communicating COVID-19 Dynamics (Lead authors: Ali Mashayekhi, Dan Gordon)
 - Building a System Dynamics Curriculum for Communicating COVID-19 Dynamics to the Public (Lead Author: Hyunjung Kim)

- Social Media Issues Involved in Communicating COVID-19 Dynamics to the Public (Lead author: Babak Bahaddin)

Kim, Hyunjung, Sarah Mostafavi, and Navid Ghaffarzadegan. (2018). Strategy for Launching Data-Intensive Services: A Tipping Point for Market Adoption. 36th International System Dynamics Conference. Reykjavík, Iceland. Accepted for a parallel presentation.

Stave, Krys, Nicole Zimmermann, and Hyunjung Kim. (2016). What are System Dynamics Insights? 34th International System Dynamics Conference. Delft, Netherlands. Presented at a poster session.

Kim, Hyunjung, and Michael Rehg. (2015). Using Systems Mapping to Inform the Strategic Planning Process in Higher Education. 33rd International System Dynamics Conference. Cambridge, MA. Presented at a poster session.

Kim, Hyunjung, Hyo-Shin Kwon, David Andersen, Roderick MacDonald, Bobby Milstein, Gary Hirsch, and Rebecca Niles. (2013). Measuring Shifts in Strategic Policy Alignment: Using *ReThink Health* as a Simulation Support for Locally-based Health Care Reform. APPAM Annual Research Conference. Washington, DC. Presented at a poster session.

Abolafia, Mitchel, and Hyunjung Kim. (2011). Pseudo-Learning: The Simulation of a Group Policy-Making Process. 11th Annual Public Management Research Conference. Syracuse, NY. Presented at a parallel session.

Rethemeyer, R. Karl, David Andersen, Hyunjung Kim, Hyun Hee Park, and Karen Bryce. (2008). Who Are All These People? Implementing and Measuring the Social Effects of Cohort-Wide Courses. National Association of Schools of Public Affairs and Administration Annual Conference. Charleston, SC. Presented at a panel session.

Kim, Hyunjung. (2008). Broadening Boundary Perception in a Multi-organizational Context: Study of a Community Mental Health Program in New York State. 25th International System Dynamics Conference. Athens, Greece. Presented at a parallel session. Won *Lupina Young Researchers Award in Health System Dynamics*, and a honorable mention for *Dana Meadows Award*.

MacDonald, Roderick, and Hyunjung Kim. (2008). Understanding the Dynamics of Declining Disability Receipts in New York State. 25th International System Dynamics Conference. Athens, Greece. Presented at a parallel session.

Kim, Hyunjung. (2007). In Search of a Mental-Model-Like Concept for Group Level Modeling. 24th International System Dynamics Conference. Boston, MA. Presented at a parallel session.

Kim, Hyunjung. (2006). Implication of Dynamic Decision Making Research on Monetary Policy Making at the Federal Reserve. 23rd International System Dynamics Conference. Nijmegen, Netherlands. Presented at a parallel session.

Kim, Hyunjung and James Goggi. (2005). System Dynamics Model for Long Term Care Policy. 22nd International System Dynamics Conference. Boston, MA. Presented at a parallel session.

Book Chapters:

Tomoasia-Cotisel, Andrada, Hyunjung Kim, et al. (2017). Causal Loop Diagrams. In *Applied Systems Thinking for Health Systems Research: A Methodological Handbook*, edited by Don de Savigny, Karl Blanchet and Taghreed Adam. McGraw-Hill Education, England.

Seminars and Invited Speeches (Selected List):

- Kim, Hyunjung, Ali Mashayekhi, Babak Bahaddin, Daniel Gordon, David Andersen, and Luis Luna-Reyes.** (2022) Using System Dynamics to Teach and Learn about COVID 19. System Dynamics Society Seminar Series.
- Kim, Hyunjung.** (2019) System Dynamics and Business Analytics Applications. The Center for Enterprise Systems and Information Research Seminar.
- Kim, Hyunjung.** (2018). Graduation Initiative Modeling: A Perspective from Students. Thursday Group System Dynamics Research Seminar
- Kim, Hyunjung.** (2017) Data-intensive Services: Customers as Suppliers. Management Department Brown Bag Lunch.
- Kim, Hyunjung.** (2015). The Family Business Board: Purpose and Structure. Lundberg Family Farms, Richvale, CA. Lecture for the board members.
- Kim, Hyunjung.** (2009). Broadening Boundary Perception in a Multi-organizational Context: Study of a Community Mental Health Program in New York State. Institute of Systems Science and Health. Supported by National Institute of Health, Center for Disease Control and Prevention, and the US Department of Health and Human Services. Michigan, Ann Arbor.
- Kim, Hyunjung.** (2007). Gaining Confidence in Maps Elicited from Qualitative Data: A Study of Federal Open Market Committee's Collective Judgment-building Process. 15th MIT-UAlbany System Dynamics Ph.D Research Colloquium. Cambridge, Massachusetts.
- Kim, Hyunjung.** (2007). Introduction to System Dynamics Modeling for Assisted Outpatient Treatment Program. The New York State Office of Mental Health, Albany, New York.

Other Contributions:

- Andersen, David. Ali Mashayekhi, Dan Gordon, Babak Bahaddin, and Hyunjung Kim.** (2021) The Diaries During and After the Lockdown Project. <https://newfadumfarm.org/>

RESEARCH & CONSULTING EXPERIENCES

Institute for Water Resources, US Army Corps of Engineers, Arlington, Virginia
Consultant (August 2018 - July 2020)

Academic Plan Committee, California State University, Chico
System Dynamics Modeler (June 2014~December 2014)

Center for Information Technology and Evaluation Research
New York State Office of Mental Health (OMH), Albany, New York
Research intern (June 2007 ~ October 2008)

The Initiative for System Dynamics in Public Sector
Center for Policy Research, the Rockefeller College of Public Affairs and Policy, Albany, New York
Research staff (September 2004 ~ May 2009)

New York State Department of Environment Conservation (DEC), Albany, New York
Workshop instructor (October 2005 ~ June 2007)

New York State Regional School Support Center (RSSC), Albany and Rochester, New York
Workshop instructor and consultant (September 2004 ~ May 2005)

Korean Executive Program at University at Albany, Albany, New York
Program Assistant (December 2004)

New York State Office for Aging, Albany, New York
Consultant (Spring 2004)

Korea Information Society Development Institute (KISDI), Seoul, Korea
Researcher (May ~ November 2000)

The Sejong Institute, Bundang, Korea
Research Assistant (November 1999 ~ May 2000)

TEACHING EXPERIENCE

Department of Management, California State University, Chico

MGMT 303: Survey of Management
MGMT 470: Business Dynamics
BADM 495: Applied Strategic Decision Making
BADM 495 Honor: Applied Strategic Management Honor
MGMT 635: Seminar in Management
BADM 693: Seminar in Strategic Management and Administrative Policy
MGMT 697: Independent Study
MGMT 689: Directed Internship

Rockefeller College of Public Affairs and Policy, University at Albany, State University of New York

PAD 504: Data, Models, and Decisions I
PAD 505: Data, Models, and Decisions II
PAD 507: Professional Application I (Teaching Assistant)
PAD 624: Simulating Dynamic Systems (Teaching Assistant)
PAD 724: Simulation of Policy Analysis and Design (Teaching Assistant)

ACADEMIC SERVICES

California State University, Chico

Undergraduate Program Review Committee
Graduation Initiative Team
Academic Assessment Council
Instructionally Related Activities Advisory Board
Faculty Hearing Panel
Modeler, System Dynamics Modeling Project, Academic Plan Committee
Faculty Marshal, Commencement
Faculty Advisor for Korean Student Association
General Education Curriculum Advisory Board
Faculty and Student Policies Committee

College of Business, California State University, Chico

Personnel Committee
Undergraduate Curriculum Committee
Ad hoc RTP Task Force (Chair)
Search Committee for Associate Dean (Chair)
Scholarship and Award Committee
BSIS Program Assessment Facilitator, Assurance of Learning
AACSB Data Custodian
Director of Curriculum Management
Graduate Program Committee
Faculty Advisor for Association for Women in Business
Academic Integrity Committee

Department of Management, College of Business, California State University, Chico

Personnel Committee (Chair)
Department Curriculum Committee (Chair)
Search Committees
Core Curriculum Coordinator for BADM 495
System Dynamics Group Coordinator
Faculty Peer Mentor
Department Brownbag Seminar Coordinator
Instructor, Faculty Seminar on System Dynamics
Leaves Committee
Library Committee

PROFESSIONAL MEMBERSHIPS & SERVICES

System Dynamics Society

Executive Committee (2021-2022 Term)
Policy Council Member (2021-2023 Term)
Society Program Oversight Committee (2022-2025 Term)
2019 Conference Program Chair
2026 Conference Program Chair (Elected to serve)
Executive Director Search Committee
Society Transition Committee
Coach, Modeling Assistance Workshop
Conference Public Policy Thread Chair
Conference Session Chair
Review Committee for Conference Submissions
Volunteer Coordinator for the International System Dynamics Conferences
Session Reporter for the International System Dynamics Conferences

Guest Editor, *System Dynamics Review*

Special Issue on Qualitative Aspects of System Dynamics Modeling (2022-2023)

Peer Reviewer, *System Dynamics Review, Systems Research and Behavioral Science, Systems, etc.*

GRANTS & HONORS

Thomas Family Fellow in Business, College of Business, California State University, Chico. (2021-2025)

Intergovernmental Personnel Act (IPA) Agreement, US Army Corps of Engineers (August 2018-July 2020)

Summer Research Grant. College of Business, California State University, Chico. (Summer 2015, 2017)

Lupina Young Researchers Award in Health System Dynamics. Lupina Foundation, Canada (July 2008)

Honorable Mention for Dana Meadows Award. International System Dynamics Society. (July 2008)

Travel Grant. Graduate Student Association, University at Albany. (Summer 2008)

Graduate Assistantship. Rockefeller College, University at Albany. (September 2004 ~ May 2007)

Scholarship. Initiative for System Dynamics in the Public Sector. (2005, 2006)

Pi Alpha Alpha. Public Administration National Honor Society. (Since 2004)

Academic Excellence Scholarship. Graduate School of International Studies, Korea University. (March 1999 ~ February 2001)

FACULTY DEVELOPMENT ACTIVITIES

Quality of Learning and Teaching (QLT). Certificate of Completion for Introduction to Teaching Online Using QLT, California State University, June 2020.