

MICHAEL LISSACK

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A highly accomplished professional with an impressive career in business and academics. Recognized expert in the qualitative side of complex systems management including applied cognitive science and applied philosophy. Master public speaker and educator. Proven successful at utilizing technology to implement educational services. Prolific author with numerous published books and articles. Possesses strong managerial and leadership skills at all levels of management. Expert in strategic communication. Leading expert witness in the municipal finance arena. Real estate internet marketing innovator.

CORE COMPETENCIES

C-Level/Executive Management • Entrepreneur • Business Development • Strategic Communication
Risk Management • Organizational Development • Knowledge Management • Workplace Training
Applied Cognitive Science • Non-Profit Management • Community Services • Public Speaking Academic
Program Development • Educational Technology • University Teaching • Consortiums & Conferences •
Designing Smartphone Apps • Investment Banking • Real Estate Marketing Technology

EXPERIENCES AND ACHIEVEMENTS

President, American Society for Cybernetics (ASC-Cybernetics.org) – 2015 to 2020

Executive Director Emeritus, Institute for the Study of Coherence and Emergence (ISCE.edu)

Editorial Boards Member: She Ji: The Journal of Design, Economics, and Innovation and Kybernetes

Professor of Design and Innovation, Tongji University, Shanghai – since 2015

Real Estate Brokering in Oregon, Washington, & Massachusetts – since 2002

Academician, International Academy for Systems and Cybernetic Sciences – since 2018

Ongoing:

- Since 2017, litigation consulting and expert witness for a series of lawsuits involving mis-pricings in the US Municipal Bond Market
- Invented an Internet research reference librarian replacement (<http://findrelatedbooks.com> and <http://myresearchtool.com>)
- Organized more than 20 academic conferences on such topics as the “Nature of Experience,” “Second Order Science,” and “Action and Reflection.”

Organizational:

- ❑ Founded ISCE in 1998 and supervised its 20-year development.
- ❑ From 2015 -2018, played a leading role throughout the US in advocating the use of Smartphone apps for victims of bullying and sexual assault
- ❑ Since 2018, Managing Broker for multiple offices of The Virtual Realty Group
- ❑ Founded Artists for Charity SWFL in 2010, an educational charity centered on the artists’ community that sponsored an artists’ show and art scholarship programs for area youth.
- ❑ Founded Market2buyers.com in 2007, a real-estate marketing software firm which earned the Small Business of the Year Award from IT Florida.
- ❑ Founded Knowledge Ventures Inc. in 2000, an educational tools software company that published the Learners Library, a research tool for academics.
- ❑ Founded Collectively Sharper in 1999, an artificial intelligence business intelligence firm.
- ❑ CFO in 1998-99, and board member of WebMind, Inc., a technology start-up company whose aim was to utilize the Internet to duplicate the human reasoning processes.
- ❑ Active angel investor and advisor to Tripod, a site aimed at university students that became part of Lycos (now Terra/Lycos).

Academic:

- Professor of Design and Innovation, Tongji University, Shanghai
- Launched an international Ph.D. program in Corporate Anthropology in 2000.
- Visiting Research Professor at the George Washington University.
- First Walter J. Hickel Professor, Alaska Pacific University.
- External PhD Examiner for Royal Holloway University, London, and the University of Humanist Studies, Utrecht.
- Lecturer on business and public policy for the Central European University in Budapest.
- Taught Economics at Williams; Research Techniques at Henley; Business Strategy at IMD, Complexity at LSE, Business Ethics at Rotterdam School of Management, Vanderbilt, and Keele.
- From 1999 to 2004, served as editor-in-chief of *Emergence: A Journal of Complexity Issues in Organizations and Management*.

Finance:

- Recognized as one of 100 Americans who have most influenced "how we think about money" in 2001, and "Wall Street's 25 Smartest Players" in 1999 by Worth Magazine.
- Investment banker working with state and local governments on debt financing and specializing in infrastructure project financing.
- Spent over 13 years with Smith Barney, including eight as a managing director, with overall responsibility for new product development, municipal derivatives, and technical work produced by the firm's Public Finance Division.
 - Managed project teams of over fifty professionals.
 - Trained over 300 bankers who are with firms throughout the industry
 - Served as senior banker and financial advisor in over thirty American states
 - Financed over \$35 billion of infrastructure projects for clients
 - Directed over \$25 billion of investments
 - Supervised financial reporting
 - Designed of risk management and investment operations
 - Coordinated public education programs.
- Involved with more than 100 False Claims act, SEC, and IRS investigations involving Wall Street firms (mostly in the municipal finance arena) as relator, consultant and expert witness.

CHRONOLOGY

President, American Society for Cybernetics	12/2014- 12/2020
Professor of Design and Innovation, Tongji University	10/2015 - Present
Real Estate Broker and agent (CA, FL, MA, OR, WA, CT OK)	04/2002 - Present
Executive Director, ISCE and Empowering Victims	09 /1998 – 12/2018
Managing Director, Smith Barney	06 /1981 -02/1995
CFO, WebMind	07 /1998 -07/1999
President, Knowledge Ventures	07 /2000 -07/2005
President, Market2Buyers	07 /2006 - 12/2012

EDUCATION

DBA, Henley Management College through Brunel University, UK, 2000

MBA, Yale School of Management, 1981

BA, Political Economy and American Civilization, Williams College. 1979

SELECTED PUBLICATIONS

- "Slodderwetenschap Times Seven: Sloppy Science and Scientism in the COVID-19 Era" (2021) with Brenden Meagher, *She Ji: The Journal of Design, Economics, and Innovation* (forthcoming)
- "Cybernetics and Control" (2021) in *Handbook of Systems Sciences*, Metcalf, Gary S., Kijima, Kyoichi, Deguchi, Hiroshi (Eds.), pp 87-106, Springer Nature
- "Review of Numbers Don't Lie: 71 Stories to Help Us Understand the Modern World, by Vaclav Smil" *She Ji: The Journal of Design, Economics, and Innovation* (2021), 7(2), pp. 299-302
- "Yes, We Can, and Do, Design Our Understanding: The Roles of Ascribed Coherence and Ascribed Realism in Our Sense-Making" *She Ji: The Journal of Design, Economics, and Innovation* (2019), 5(4), pp. 401-419
- "Understanding Is a Design Problem: Cognizing from a Designerly Thinking Perspective. Part 2," *She Ji: The Journal of Design, Economics, and Innovation* (2019), 5(4), pp. 327-342
- "Understanding Is a Design Problem: Cognizing from a Designerly Thinking Perspective. Part 1," *She Ji: The Journal of Design, Economics, and Innovation* (2019), 5(3), pp. 231-246
- "Understanding Is a Design Problem: Cognizing from a Designerly Thinking Perspective." *She Ji: The Journal of Design, Economics, and Innovation* (2019)
- "The Illusion of Doubt" *Metascience* (2019). <https://doi.org/10.1007/s11016-019-00448-4>
- "Don't Be Addicted: The Oft-Overlooked Dangers of Simplification" *She Ji: The Journal of Design, Economics, and Innovation*, Vol. 2. No. 1, Spring 2016, 29-45
- "Shed the Name to find Second-Order Success: Renaming Second-Order Cybernetics to Rescue its Essence", *Constructivist Foundations*, Vol. 11, No. 3., 470-473
- "Finally Understanding EigenForms", *Constructivist Foundations*, Vol. 11, No. 3, 499-500
- "Second-Order Science: Examining Hidden Presuppositions in the Practice of Science" *Foundations of Science* (2016).
- "What Second-order science reveals about scientific claims: Incommensurability, doubt, and a lack of explication. *Foundations of Science* (2016).
- "What I Learned from Ranulph: A Grateful Tribute to Ranulph Glanville" *Cybernetics and Human Knowing*. Vol. 22 (2015), nos. 2-3
- "Meaningful Orthogonalities: A New Approach to Incommensurability" (forthcoming, submitted to the British Journal for the *Philosophy of Science*)
- "As-If: Viewing Recognizant Transformative Experiences as a Natural Kind" (forthcoming, submitted to *Philosophy of Science*)
- "Restoring Dialogue to Political Debate: A Buberian Approach" (forthcoming, submitted to *Critical Review*)
- "What about Feedback?" (with Terrence Letiche) (forthcoming, submitted to *Electronic Journal of Communication*)
- "Second-Order Science is Enacted Constructivism", *Constructivist Foundations*, 10(1), 35-37.(2014) *Modes of Explanation: Affordances for Action and Prediction* (edited with Abraham Graber) Palgrave MacMillan (2014).
- Coherence in the Midst of Complexity: Advances in Social Complexity Theory* (with Hugo Letiche and Ron Schultz) Palgrave Macmillan (2011).
- "The Coherence Circle: The role of Affordances and Homologies in Organizational Complex Systems" chapter in *Routledge Companion to Organization Change*, Edited by David Boje, Bernard Burnes, John Hassard, (2011)
- "Representations and Compressions" chapter in *Complex Socio-Technical Systems: Understanding and Influencing Causality of Change* edited by Rouse, Boff & Sanderson, IOS Press (2011) also appearing in *Information. Knowledge . Systems Management* (2011)

- Codes are Not Cues* keynote presentation at Workshop on Causality, Understanding and influencing Causality of Change in Socio-Technical Systems, Gold Coast, Australia • February 16-18,(2011)
- Resisting Cueless Categories*, Blurb, (2010)
- "Complexity is more than a Label: A look at Affordances and Homologies," Keynote Speech at the 2nd International Multi-Conference on Engineering and Technological Innovation: July 10th - 13th, 2009
- "Cues, Codes, Complexity, and Confusion: Lessons from Complexity re Productivity and Resilience" *Performance Improvement Quarterly*, Volume 20, Number 2, 64-74 (2007)
- "Emergence as Understood via Narrative and Faith," in *Voices of the Virtual World: Participative Technology and the Ecclesial Revolution* by Len Hjalmarson, John La Grou, Wikiklesia Press, (2007)
- "The Redefinition of Memes: Ascribing Meaning to an Empty Cliché," *Journal of Memetics - Evolutionary Models of Information Transmission*, 8. (2004)
- "Models without Morals: Toward the Ethical Use of Business Models" (with Kurt Richardson) *Emergence*, Volume 5, Number 2, (2003).
- "Complexity, Emergence, Resilience, and Coherence: Gaining Perspective on Organizations and their Study" (with Hugo Letiche) *Emergence*, Volume 4, Number 3, (2002).
- Management and Complexity: An Interacting Dialogue* (editor) Quorum Books, Westport, (2002).
- "On the Status of Boundaries, both Natural and Organizational: A Complex Systems Perspective" (with Kurt Richardson) *Emergence*, Volume 3, Number 4, (2001)
- "When Modeling Social Systems, Models ≠ the Modeled: Reacting to Wolfram's A New Kind of Science." (with Kurt Richardson) *Emergence*, Volume 3, Number 4, (2001)
- "Be Coherent, Not Visionary," (with Johan Roos) *Long Range Planning* (34) 2001.
- "Complexity Science: A 'Gray' Science for the 'Stuff in Between'" (with Kurt Richardson and Paul Cilliers) *Emergence*, Volume 3, Number 2, (2001).
- The Next Common Sense: The E-Manager's Guide to Mastering Complexity* (with Johan Roos), Nicholas Brealey Publishing, London, 2000.
- "Knowledge Management Redux: Reframing a Consultancy Fad into a Practical Tool" *Emergence*, Volume 2, Number 3, (2000).
- The Next Common Sense* (with Johan Roos), Nicholas Brealey Publishers, London, 1999.
- Managing Complexity in Organizations: A View in Many Directions* (editor, with Hugh Gunz), Quorum Books, Westport, 1999.
- "Complexity: the Science, its Vocabulary, and its Relation to Organizations" *Emergence*, Volume 1, Number 1, (1999).
- "Concept Sampling: A New Twist for Content Analysis" *Organizational Research Methods*, Volume 1, Number 4, (1998).
- "Of Chaos and Complexity: Managerial Insights From A New Science" *Management Decision*, Vol. 35, Number 3, (1997).
- "Mind Your Metaphors: Lessons From Complexity Science" *Long Range Planning*, April, (1997).