

Johann Peter Murmann

Associate Professor Strategic Management
Head, Strategy & Entrepreneurship
AGSM - Australian School of Business
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EMPLOYMENT

AGSM - Australian School of Business
University of New South Wales, Sydney
Associate Professor, January 2006 -

University of Lille 1
Lille, France
Visiting Professor, October 2006

Helsinki University of Technology
Helsinki, Finland
Visiting Professor, July 2005 - December 2005

Max Planck Institute for Research into Economic Systems
Germany
Visiting Scholar, February - August 2002

Social Science Research Center
(WZB), Berlin, Germany
Visiting Scholar, September - December 2001

Kellogg School of Management
Northwestern University
Assistant Professor, 1997 - 2005

EDUCATION

Columbia University
Ph.D. in Management of Organizations *with Distinction*
Doctoral level course work included Organization Theory,
Organizational Behavior, Business Strategy, Sociology, Social
Psychology, Social and Cultural Anthropology, Marketing, and
Econometrics 1998
M. Phil. in Management of Organizations 1997

University of California at Berkeley
B.A. in Philosophy with Honors
Course work also in Physics, Chemistry, Molecular Biology and French
Literature
1990

Schule Schloss Neubeuern
Germany
Abitur (high school examination)
Major in Mathematics and Biology
1986

RESEARCH AND TEACHING FOCUS Strategic Management, Evolutionary Theories in Management and

HONORS AND AWARDS

K. William Kapp Prize

Awarded by the European Association for Evolutionary Political Economy for my article "*Ernst Abbe's Scientific Management: Theoretical Insights from a 19th century Dynamic Capabilities Approach.*"

2006

Finalist for Stefan Schrader Best Paper Award of the Academy of Management's Technology and Innovation Management Division
2005

Stanley Reiter Best Paper Award

The award recognizes the best research publication during the previous four years at Kellogg School of Management. (Award was given for my book "Knowledge and Competitive Advantage")

2004

Schumpeter Award from the International Joseph A. Schumpeter Society

The prize is awarded every two years in recognition of a recent scholarly contribution related to Schumpeter's work. (Award was given for my book "Knowledge and Competitive Advantage")

2004

Chairs' Core Course Teaching Award at the Kellogg School of Management

2002-3

Finalist for Best Dissertation Award of the Business History Conference

2000

Finalist for Best Dissertation Award of the Academy of International Business

1999

Finalist for Best Dissertation Award of the International Management Division of the Academy of Management

1999

Stefan Schrader Best Paper Award of the Academy of Management's Technology and Innovation Management Division

1998

Ph.D. with Distinction

Graduate School of Arts and Sciences, Columbia University

1998

Roger Murray Fellow

Columbia Business School

1993 - 1994

Honors in Philosophy

University of California at Berkeley

1990

PUBLICATIONS

"Toward a Systematic Framework for Research on Dominant Designs, Technological Innovations, and Industrial Change." *Research Policy*.

2006, Vol. 35., 925-952. (With K. Frenken).

"Intellectual Property Right Regimes." *The Economics of Patents*, edited by John Cantwell, Edward Elgar Publishing, 2006. pp. 60-70.

Review of Jochen Streb's book "Staatliche Technologiepolitik, und branchenübergreifender Wissenstransfer." *Business History*, 2006, pp. 301-2.

"New Directions in Research on Dominant Designs." *Academy of Management Best Conference Paper 2005 TIM: G1-5*. (with Koen Frenken)

"Ernst Abbe's Scientific Management: Theoretical Insights from a 19th Century Dynamic Capabilities Approach." *Industrial and Corporate Change*, 2005, Volume 14, No. 4. pages 543-578. (With Guido Buenstorf).

"Evolutionary Perspectives." *The Blackwell Encyclopedia of Management: Organizational Behavior*, 2005, Volume XI, pages 114-115.

"Knowledge and Competitive Advantage: The Coevolution of Firms, Technology, and National Institutions." *Cambridge University Press*, 2003.

"Chemical Industries after 1850." Article for the *Oxford Encyclopedia of Economic History*, edited by Joel Mokyr, 2003, Volume 1, pages 398-406.

"Bringing Managers into Theories of Multimarket Competition: CEOs and the Determinants of Market Entry," *Organization Science*, 2003, Volume 14, 4, pages 403-421. (With W. Boeker, J. Goodstein, J. Stephan).

"Evolutionary Thought in Management and Organization Theory at the Beginning of the New Millennium: A Symposium about the State of the Art and Opportunities for Future Research." *Journal of Management Inquiry*, 2003, Volume 12, 1, pages 22-40. (With Howard Aldrich, Daniel Levinthal and Sidney Winter).

"Comparing Evolutionary Dynamics Across Different National Settings: The Case of the Synthetic Dye Industry, 1857-1914." *Journal of Evolutionary Economics*, 2001, Volume 11, pages 177-205. (With E. Homburg).

"From the Technology Cycle to the Entrepreneurship Dynamic: The Social Context of Entrepreneurial Innovation." In *The Entrepreneurial Dynamic: Origins of Entrepreneurship and the Evolution of Industries*, edited by C.B. Schoonhoven and E. Romanelli. *Stanford University Press*, 2001. (With Michael Tushman).

"Knowledge and Competitive Advantage in the Synthetic Dye Industry, 1850-1914: The Coevolution of Firms, Technology, and National Institutions in Great Britain, Germany and the United States." *Enterprise & Society: The International Journal of Business History*, published by *Oxford University Press*, 2000, Volume 1, pages 699-704.

"Dominant Designs, Technology Cycles and Organizational Outcomes." *Research in Organizational Behavior*, 1998, Volume 20, pages 231-266. (With Michael Tushman). Also published in the 1998 *Academy of*

Management Proceedings as the Best Paper for the Technology and Innovation Management Division. Reprinted in *Managing in the Modular Age: Architectures, Networks and Organizations*, edited by Raghu Garud, Arun Kumaraswamy, and Richard Langlois in honor of Herbert Simon. Blackwell Publishers, 2002.

"On the Making of Competitive Advantage: The Development of the Chemical Industries in Britain and Germany since 1850." In *The Dynamics of Long-Term Growth: The Case of the Chemical Industry*, edited by Ashish Arora, Ralph Landau, and Nathan Rosenberg. John Wiley & Sons, 1998. (With R. Landau).

"Competition in a Multipoint Environment: The Case of Market Exit." *Organization Science*, 1997, 2, pages 126-142. (With W. Boeker, J. Goodstein, J. Stephan).

"Organization Responsiveness to Environmental Shock as an Indicator of Organizational Foresight and Oversight: The Role of Executive Team Characteristics and Organization Context." In *Technological Innovation: Foresights and Oversights*, edited by Raghu Garud, Praveen Nayar, and Zur Shapira. Cambridge University Press, 1997. (With Michael Tushman).

WORKING PAPERS

"Successful entrepreneurs are not risk-takers: A theory of entrepreneurial decision-making." Working Paper. To be submitted *Academy of Management Review*. (With Deepak Sardana)

The origins of success: A qualitative meta-analysis of the evolution of Nokia. Working Paper. (With Juha-Antti Lamberg, Arjo Laukia and Jari Ojala).

"Constructing Effective Longitudinal Databases on your PC." Under First Review at *Historical Methods*.

"Automatic Coding of Printed Materials." Under First Review at the *International Journal of Humanities and Arts Computing*. (With Ernst Homburg, Ruud Geven, Y. Sekou Bermis, and Alfonzo Forgione)

"The Complex Role of Patents in the Development of Technological Competencies: A Cross-National Study of Intellectual Property Right Strategies in the Synthetic Dye Industry, 1850-1914." To be submitted to *Strategic Management Journal*.

"The Road Less Traveled: Evolutionary Economics from a Business School Perspective." Working Paper.

"How Fast Can Firms Grow?" Working Paper. (With Hagen Worch and J. Korn)

CONFERENCE PRESENTATIONS

"A Cross-National Study Of Intellectual Property Rights Laws And Firm Strategies A Science-Based Industry." *Strategy Management Society Meeting*, San Diego, October 14-17, 2007

Integrating Qualitative and Quantitative Approaches in the Comparative and in Longitudinal Studies. PDW on "The Power of Richness III: Crafting Qualitative Research Papers." *Academy of Management Meeting in Philadelphia*, August 2007.

"Coevolution." *SASE - Society for the Advancement of Socio-Economics Conference*, Copenhagen, Denmark, June 28-30, 2007.

The Complex Role of Patents in Creating Technological Competencies: A Cross-National Study of Intellectual Property Right Strategies in the Synthetic Dye Industry, 1857-1914. DRUID Conference, Copenhagen, June 18-20, 2007.

"The Need for a Comparative Industry Studies Framework." XIV International Economic History Congress in Helsinki, Finland, 21 to 25 August 2006.

"Commentary on Guillen, Rynes, Siggelkow, Wagner and Weick." PDW on "The Power of Richness II: Exploring Qualitative Research Methods." Academy of Management Meeting in Atlanta, August 2006.

"Commentary on Joel Mokyr's Paper 'The Great Synergy: The European Enlightenment as Factor in Modern Economic Growth'" American Economic Association Meeting, Boston, MA, January 7, 2006

"New Directions in Research on Dominant Designs." Academy of Management Meeting in Honolulu, HI, August 2005

"The Power of the Historical Comparative Method." Academy of Management Meeting in Honolulu, HI, August 2005

"Knowledge and Competitive Advantage: The Coevolution Firms, Industries and National Institutions." Strategic Management Society Meeting in San Juan, November 2004

"The Surprising Role of Patents in Creating Technological Competences: A Cross-National Study of the Synthetic Dye Industry, 1850-1914."

Presentations at:

Society for the History of Technology Meeting, Amsterdam, Netherlands, October, 2004

Economic History Association Meeting, San Jose, CA, September 2004

Academy of Management Meeting, New Orleans, LA, August 2004

Schumpeter Society Meeting, Milan, Italy, June 2004

"Do Organizations Have Something Like Genes: A proposed Study of the Development of the Zeiss Company, 1846-2002." Organization Science Winter Conference, Steamboat, February 6, 2004

"Dynamic Capabilities in Early Science-based Industries: A comparative Study of the Bayer and Zeiss companies." Strategic Management Society Meeting in Baltimore, November 2003

"The Coevolution of Industries and National Institutions: Theory and Evidence."

Academy of Management Meeting in Seattle, WA, August 2003

Ernst Abbe's Scientific Management: A 19th Century Forerunner of the Resource-Based Theory?

Academy of Management Meeting in Seattle, WA, August 2003

"The Complex Role of Patents in the Development of Technological Competencies: A Cross-National Study of Intellectual Property Right Strategies in the Synthetic Dye Industry, 1850-1914."

Presentations at:

SMJ Special Issue Conference, University of Pittsburgh, October 2002

Annual Strategy Conference, Harvard Business School, October 2002

"Industry Development as a Coevolutionary Process: Was the Synthetic Dye Industry from 1857 until 1914 Already Part of the 'New Economy?'" Strategic Management Society Meeting in San Francisco, October 2001

"Evolutionary Theory in Management and Organization Theory at the Beginning of a New Millennium: A Symposium on the State of the Art and Opportunities for Future Research Evolutionary Theory." Introductory Presentation and Discussant in a Symposium at the Academy of Management Meeting in Toronto, Canada, August 2000.

"The Social Environment as Origin of Firm Capabilities: Expanding the Resource-based Theory of the Firm." Presentation in a Symposium at the Strategic Management Society Meeting in Berlin, Germany, October 1999

"Coevolution and Competitive Advantage in the Synthetic Dye Industry, 1850-1914."

Presentations at:

Business History Conference Meeting in Palo Alto, CA, March 2000

Academy of International Business Meeting in Charleston, NC, November 1999

Academy of Management Meeting in Chicago, IL, August 1999

"The Dynamics of Long-Term Competitive Advantage: A Comparison of the Chemical Industries in the U.S., Britain, Germany, and Japan since 1850." Presentation in a Symposium at the Academy of Management Meeting in San Diego, California, August 1998

"The Effects of Executive Team Characteristics and Organization Context on Organization Responsiveness to Environmental Jolts." Academy of Management Meeting 1995, Vancouver, Canada. (With Michael Tushman).

"Determinants of Entry into Multihospital Systems: The Important Role of Hospital Boards." Academy of Management Meeting 1995, Vancouver, Canada.

"Market Exit and Multimarket Competition." Academy of Management Meeting 1994, Dallas, Texas. (With W. Boeker, J. Goodstein, J. Stephan).

"Strategic Change: Competition in a Multimarket Environment." Academy of Management Meeting 1993, Atlanta, Georgia. (With W. Boeker, J. Goodstein, J. Stephan).

INVITED PRESENTATIONS

"Towards a Framework for Comparative Industry Studies (CIS)." EAWAG, Zurich, Switzerland, June 21, 2007

Automatic Coding of Printed Materials. Five Conference, Tuck, Dartmouth College, May 11-12, 2007.

Three Lectures at the University of Lille 1.

Lecture 1: The Nature of a Coevolutionary Explanation

Lecture 2: The Relationship Between Technological and Industrial Change

Lecture 3: Qualitative versus Quantitative Research Methods

Lille, France, Oct. 2006.

"Evolutionary Economics & History: Empirical Research as Detective Work." Key Note Presentation at the International Buchenbach

Workshop on Evolutionary Economics, Buchenbach, Germany, Oct 4-8, 2005.

"The Method of Comparative Industry Evolution Studies." 2nd Annual Conference on Emerging Frontiers in International Business, Michigan State University. September 17, 2004

"Knowledge and Competitive Advantage: The Coevolution Firms, Industries and National Institutions."

Presentations at:

Saïd Business School, Oxford University, December 13, 2004.

Swiss Federal Institute of Technology (EPFL), Lausanne, Switzerland, November 27, 2004.

Mitsubishi Conference, Japan, August 31, 2004.

Academy of Management Meetings, New Orleans, August 8, 2004.

Helsinki University of Technology, June 22, 2004.

University of California, Riverside May 21, 2004.

University of Illinois at Urbana-Champaign, April 30, 2004.

Rotterdam School of Business, Erasmus University, April 1, 2004.

Panel on the Managerial Implications of Coevolution at Organization Science Winter Conference, Steamboat, February 6, 2004

"Evolutionary Thought in Economics and Organization Theory."

Workshop on Evolutionary Processes in Biology, Language, and Culture at the University of Chicago. November 19, 2003.

"The Coevolution of Industries and Academic Disciplines."

Presentations at:

School of Economics, University of Queensland, Brisbane, Australia, February 10, 2006

Department of Business Studies, University of Uppsala, Sweden, December 6, 2005

Management and Organization Studies Seminar, Universitat Pompeu Fabra, Barcelona, October 27, 2005

School of Business, Simon Fraser University, Vancouver, March 11, 2005

Eccles School of Business, University of Utah, Salt Lake City, March 8, 2005

The Australian Graduate School of Management, Sydney, February 15, 2005

Management Department, Wharton School, February 8, 2005

Department of Strategy and Entrepreneurship, Southern Methodist University, Dallas, January 15, 2005

Management Department, Rutgers University, Newark, December 14, 2004.

Schulich School of Business, York University, December 9, 2004.

Management Department, University of Central Florida, December 3, 2004.

Hotel School, Cornell University, December 1, 2004.

Wharton Conference on Strategy and the Business Environment, March 26, 2004.

Management Seminar Series, Fuqua School, Duke University, November 10, 2003.

Entrepreneurial Management Seminar Series, Harvard Business School, October 7, 2003.

"The Use of Simulations in Developing Robust Knowledge about Causal Processes: Methodological Considerations and an Application to Industrial Evolution."

Presentations at:

Organization Science Winter Conference, Steamboat, February 5, 2003.

Max Planck Institute for Research into Economic Systems, January 13, 2003.

"The Coevolution of Industries and National Institutions: Theory and Evidence."

Presentations at:

BYU- University of Utah Winter Strategy Conference, March 8, 2003.

Organization Science Winter Conference, Steamboat, February 7, 2003

Max Planck Institute for Research into Economic Systems, February 12, 2002.

"Interdisciplinary Research in the U.S: Opportunities and Challenges." Social Science Research Center, Berlin (WZB). December 18, 2001.

"New Directions on Research on Dominant Designs." Conference on Reappraising Production Theory: Concepts, Cases, Models. Max Planck Institute for Research into Economic Systems, November 29-December 1, 2001.

"Toward an Institutional Theory of Strategy: Industrial, Technological, and Institutional Coevolution in the Chemical Industry." Conference on The New Institutionalism in Strategic Management, Columbia University, April 21-22, 2001

"Evolutionary Economics: State of the Science." Conference on Evolutionary Economics: New Perspectives on Telecommunications and Pharmaceuticals in Europe and the United States. Johns Hopkins University, March 30-31, 2001.

"The Emergence of the Synthetic Dye Industry, 1857-1914: Creating a marketplace for dyes and its various inputs from raw materials and scientists." Conference on Market Relations and Competitive Processes at the CRIC Center, University of Manchester, UK, May 2000.

"Comparing Evolutionary Dynamics Across Different National Settings: The Case of the Synthetic Dye Industry, 1857-1914."

Presentations at:WZB, Berlin, Germany, Research Unit on

Competitiveness and Industrial Change October 1999

Department of Economics, Northwestern University, Economic History Seminar October 1999

"From the Technology Cycle to the Entrepreneurship Dynamic: Placing Dominant Designs in Social Context."

University of California at Irvine, October 1998

"The Coevolution of Patent Law and the Dye Industry in Great Britain and Germany, 1850-1914." American Bar Foundation, Chicago, May 1998

"Coevolution and Competitive Advantage in the Synthetic Dye Industry, 1850-1914."

Presentations at:

University of Chicago, November 1998

NIAS, Netherlands, October 1998

University of Pennsylvania, April 1998

Northwestern University, February 1997

University of California at Riverside, February 1997
 University of Southern California, February 1997
 Harvard Business School, February 1997
 MIT, January 1997
 INSEAD, January 1997
 London Business School, January 1997
 Georgetown University, January 1997
 Southern Methodist University, November 1996

"Competitive Advantage of Firms viewed as the Coevolution of Technology, Firms, and Broader National Institutional Structures."
 Consortium on Competitiveness and Cooperation Doctoral Colloquium on R&D, Technological Change, Organizational Structure, and Market Evolution.
 April, 1996. MIT, Cambridge, Massachusetts.

"The Coevolution of Technology, Firms, and Broader National Institutional Structures."
 Consortium on Competitiveness and Cooperation Doctoral Colloquium on R&D, Technological Change, Organizational Structure, and Market Evolution. April, 1995. Wharton School, University of Pennsylvania.

"Impacts of Executive Team Characteristics and Organization Context on Organization Responsiveness to Environmental Shock."
 Conference on Technological Oversights and Foresights. March, 1994. Stern School of Business. New York University, New York. (With Michael Tushman).

"The Coevolution of Technology, Organizations, and Broader National Institutions."
 Consortium on Competitiveness and Cooperation Doctoral Colloquium on R&D, Technological Change, Organizational Structure, and Market Evolution. January, 1994. Carnegie Mellon University, Pittsburg, Pennsylvania.

EDITOR

Evolutionary Theories in the Social Sciences (1999 to present)
 Economic-Evolution.Net & EEpedia (2006 to present)

EDITORIAL BOARDS

Strategic Management Journal (2006 to present)
 Journal of International Business Studies (1999 to present)

REVIEWER

Academy of Management Journal
 Administrative Science Quarterly
 Business History
 Industrial and Corporate Change
 Journal of Economic Behavior and Organization
 Law and History Review
 Organization Science
 Strategic Management Journal
 Transaction on Engineering Management
 Academy of Management Annual Meeting Program

 Cambridge University Press
 Oxford University Press

 Austrian Academy of Sciences
 National Science Foundation

DISSERTATION COMMITTEES

Sekou Bermiss
 In Progress. Northwestern University.

Antti Sillanpää

2006. Helsinki University of Technology. (Was the Opponent at the Defense)

Thesis Title: *Firm Strategies in the Competition for Dominance of Networked Business Systems.*

Ryon Lancaster

2005. Northwestern University.

Thesis Title: *The Office of St. Peter: The Emergence of Bureaucracy in the English Catholic Church, 1066-1250.*

Patricia Langohr

2003. Northwestern University.

Thesis Title: *Competitive Convergence and Equilibrium Industry Dynamics.*

ADMINISTRATIVE ROLES

Department Chair (Head) for Strategy and Entrepreneurship
2006-present

Academic Director of the Executive Year of the AGSM EMBA
October 2006-present

PROFESSIONAL MEMBERSHIPS

Academy of Management
Academy of International Business
American Sociological Association
American Society for the Advancement of Science
Business History Conference
Institute for Operations Research and Management Science
International Joseph A. Schumpeter Society
Society for the History of Technology
Strategic Management Society

LANGUAGES

German, native tongue
English, proficient
French, satisfactory
Spanish, rudimentary