

Vita

HENRY W. CHESBROUGH

EDUCATION

Ph.D. in Business Administration, Haas School of Business, University of California at Berkeley. Degree conferred May, 1997.

M.B.A., Stanford University Graduate School of Business. Arjay Miller scholar (top 10% of class). Degree received June, 1983.

B.A., Yale College, Yale University. Economics major, with distinction, Engineering minor. Elected to Phi Beta Kappa, and graduated *summa cum laude*, June, 1979.

RESEARCH INTERESTS

Models of Industrial Innovation. Organizing, structuring and managing internal and external research and development. Technology-based spinoffs, and corporate venture capital. Managing intellectual property. Comparative innovation in high technology industries between the US, Japan and Western Europe. Author of numerous books on open innovation, including:

Open Innovation, HBS Press, 2003

Open Business Models, HBS Press 2006

Open Innovation: Researching a New Paradigm, Oxford University Press, 2006
(with Wim Vanhaverbeke and Joel West)

Open Services Innovation, Jossey-Bass, 2011

New Frontiers in Open Innovation, Oxford University Press, 2014 (with Wim Vanhaverbeke and Joel West)

Open Innovation Results, Oxford University Press, 2019

Oxford Handbook of Open Innovation, Oxford University Press, 2024

ACADEMIC WORK EXPERIENCE

Maire Tecnimont Professor of Open Innovation, LUISS University, Rome, Italy, 2019-present. Inaugural recipient of first chaired professorship in open innovation.

Founding Faculty Director, Center for Open Innovation, Kaunas Technical University, Lithuania, 2025-present

Adjunct Professor and Founding Faculty Director, Garwood Center for Corporate Innovation, 2011-present. Founding director of this new Center at Haas to promote research and teaching on corporate innovation. Programs include:

- Open Innovation
- Business Model Innovation
- Berkeley Innovation Forum

Adjunct Professor, and Executive Director, Center for Open Innovation, Haas School of Business, University of California, Berkeley, 2003-2011.

- Directs the Garwood Center for Corporate Innovation, focused on research and teaching on the impact of globally distributed knowledge on growth, firm strategy and industrial innovation.
- Leads the Berkeley Innovation Forum, a consortium of 40 organizations devoted to advancing research and practice in innovation management
- Launched a new course on Innovation in Services and Business Models in 2007
- Launched a new MBA elective course on Organizational Moonshots in 2018
- Appointed to full Adjunct Professor in 2005
- Named Meyer Family Fellow in 2011

Professor of Information Systems, ESADE School of Business, Ramon Llul University, Barcelona, Spain, 2010-2019

- *Part-time research appointment*
- *Member of IIK faculty group*

Assistant Professor, Harvard Business School, 1997-2003. Joint appointment in the Technology and Operations Management area, and in Entrepreneurial Management. Responsible for second year elective course in Managing Innovation.

- Taught first year required course in Technology and Operations Management for two years.
- Taught Managing Innovation elective course for two years in MBA program
- Taught Building a Sustainably Successful Enterprise elective course with Prof. Clay Christensen.
- Faculty participant in numerous executive education programs at HBS.
- Appointed Class of 1961 Fellow in 1999.

Research Associate, UC-Berkeley School of Engineering, 1995-1996. Semiconductor Equipment Supplier Study of After-market Service and Support costs and strategies, with Engineering Professor Robert Leachman.

Research Assistant, 1993-1995. Technology Transfer Study of “dual track” projects from the National Laboratories to the private sector, with Haas Professor David Mowery.

Graduate Student Instructor, 1995. Assisted Professor Sara Beckman in the MBA required class, Manufacturing and Operations Strategy, in 3 sections totaling 180 students. Received award for Outstanding GSI, May, 1996.

INDUSTRY WORK EXPERIENCE

Chesbrough Associates, Inc., Menlo Park, CA and Berkeley, CA, 1990-1996. Principal in product definition and marketing consulting services for technology-based companies in the computer industry. Worked with startup, medium-size and Fortune 500 companies in four technology areas: mass storage; application software; networking and communications; and information services.

Quantum Corporation, Milpitas, CA, 1983-1990. Held a variety of product management and marketing positions in this Fortune 500 Winchester disk drive company, culminating in Vice President of Marketing and Business Development for \$100 million subsidiary, Plus Development.

- Corporate Officer and member of Plus' Executive Staff. Reported to Plus' CEO. Managed \$8 million budget, and staff of 22 people. Responsible for product requirements, product management, product marketing, corporate communications and customer service and support.
- Launched 15 new products into the end user mass storage market in over 15 countries around the world, yielding cumulative product revenues of over \$500 million. Products included PC storage upgrades, removable storage devices, and modular network storage servers.

Bain and Company, Boston, MA, 1979-1981. Associate Consultant in business strategy consulting firm. Team member on projects in ophthalmic goods, agricultural chemicals, and nylon intermediates industries.

REFEREED RESEARCH ARTICLES

"The Differing Organizational Impact of Technological Change: A Comparative Theory of National Institutional Factors", Industrial and Corporate Change, vol. 8:3: 447-485, 1999

"Arrested Development: The Experience of European Hard Disk Drive Firms in Comparison to US and Japanese Firms", Journal of Evolutionary Economics, special issue editor, Steven Klepper, volume 9, #3: 287-330, 1999

"Environmental Influences upon Firm Entry into New Sub-Markets: Evidence from the Worldwide Hard Disk Drive Industry", Research Policy, vol.32 (4), 2003: 659-678

"Designing Corporate Ventures in the Shadow of Private Venture Capital", California Management Review, volume 42, #3 (Spring): 31-49. 2000; reprinted in *Corporate Entrepreneurship* edited by Shaker A Zahra, (London: Elgar Publishing), 2005

"Commercializing New Ventures from Bell Labs Technology: The Design and Experience of Lucent's New Ventures Group", with Stephen Socolof, Research-Technology Management, vol. 43, (March): 1-11, 2000.

"Graceful Exits and Foregone Opportunities: Xerox's Management of its Technology Spinoff Organizations", Business History Review, vol. 76 (4) winter, 2002:803-838

"The Role of the Business Model in Capturing Value from Innovation: Evidence from Xerox Corporation's Technology Spinoff Companies", with Richard Rosenbloom, Industrial and Corporate Change, 2002, vol. 11 (3): 529-555.

"The Governance and Performance of Xerox's Technology Spinoff Companies", Research Policy, vol.32 (3), (2003): 403-421

Review of Markets for Technology: The Economics of Innovation and Corporate Strategy, by A. Arora, A. Fosfuri, and A. Gambardella, Journal of Economic Literature, vol. XL, #4, (December, 2002) : 1275-6.

“The Era of Open Innovation”, Sloan Management Review, vol. 44, #3 (Spring) 2003:35-41; reprinted in D. Mayle, Managing Innovation and Change (Open University: Milton Keynes), 2006

“The Logic of Open Innovation: Managing Intellectual Property”, California Management Review, vol. 45 (3) 2003: 33-58

“Managing Open Innovation: Chess and Poker”, Research-Technology Management, vol. 47 (Jan.-Feb.) 2004:13-16, reprinted in IEEE Engineering Management Review, vol. 32(2), 2004: 52-56

“The Sustainability of Technology Markets”, Journal of Management and Governance, vol. 8, 2004: 17-20

“Business Models for Technology in the Developing World: The Role of Non-Governmental Organizations”, California Management Review, 2006 vol. 46 (1): 48-61. With Shane Ahern, Megan Finn, Stephane Guerraz

“Beyond High Tech: Open Innovation in More Traditional Industries”, R&D Management, 2006, vol. 36 (3): 229-236. with Adrienne Crowther

“A Research Manifesto for Services Science”, Communications of the Association of Computing Machinery, 2006 (July), vol. 49: 35-41. with James Spohrer

“Introduction to the 20th Anniversary Special Issue of the Publication of ‘Profiting from Innovation’ by David Teece,” Research Policy, 2006 vol. 35 (8): 1091-1099. with Julian Birkinshaw and Morris Teubal.

Edited Special Issue of Research Policy, on the 20th Anniversary of David Teece’s article, “Profiting from Innovation”, 2006 vol. 35 (8). With Julian Birkinshaw and Morris Teubal.

“The Market for Innovation: Implications for Corporate Strategy”, California Management Review, 2007 vol. 49 (3): 45-66

“The Case for Open Business Models,” Sloan Management Review, 2007, vol. 48 (2): 22-28

“Innovating Business Models with Co-Development Partnerships”, Research-Technology Management, 2007 (Jan.-Feb.): 55-59. with Kevin Schwartz

“Open Innovation and Strategy”, California Management Review, 2007 vol. 50 (1): 57-76.

With Melissa Appleyard.

- Chesbrough, Henry and Andrea Prencipe (2008), "[Networks of innovation and modularity: a dynamic perspective](#)", *International Journal of Technology Management*, 2008, Vol. 42 Issue 4, p414-425, 12p; DOI: [10.1504/IJTM.2008.019383](#)
- "Open Innovation and Patterns of R&D Competition", *International Journal of Technology Management*, (2008). With Kwanghui Lim and Annie Ruan.
- "Understanding the Advantages of Open Innovation Practices in Corporate Venturing in Terms of Real Options", *Creativity and Innovation Management*, vol. 17, #4: 251-258 (2008), with Wim Vanhaverbeke and Vareska Van de Vrande
- "[Open R&D and open innovation: exploring the phenomenon](#)", *R&D Management*; Sep2009, Vol. 39 Issue 4, p311-316, with Oliver Gassmann and Ellen Enkel
- "Hierarchical Segmentation of R&D Process and Intellectual Property Protection: Evidence from Multinational R&D Laboratories in China", *IEEE Transactions on Engineering Management*, vol. 57, #1: 9-21 (2010), with Xiaohong Quan
- "The future of open innovation", *R&D Management*; vol. 40 (3): 213-221, with Oliver Gassmann and Ellen Enkel
- "Business Model Innovation: Opportunities and Barriers", *Long Range Planning*, vol. 43 (April-June) 2010, pp. 354-363. Named one of the 10 most cited papers published in *Long Range Planning* from 2007-2011.
- "Recovering Abandoned Compounds Through Expanded External IP Licensing", *California Management Review*, 2013, vol. 55 #4, with Eric Chen, <http://web.b.ebscohost.com/bsi/pdfviewer/pdfviewer?vid=239&sid=ef1e2578-477e-4acb-b289-495ea5e54b13%40sessionmgr115&hid=106>
- "Chez Panisse: BUILDING AN OPEN INNOVATION ECOSYSTEM", *California Management Review*, 2014, vol. 56 #4, with Sohyeong Kim and Alica Agogino, <http://web.b.ebscohost.com/bsi/pdfviewer/pdfviewer?sid=057e8fb9-15d8-4fc0-9a5d-b667db2b34b1%40sessionmgr110&vid=1&hid=102>
- "Open Innovation: The next decade", *Research Policy*, 2014, vol 43 #5, with Aamon Salter, Wim Vanhaverbeke, and Joel West, <http://www.sciencedirect.com/science/article/pii/S0048733314000407>
- "A Fad or A Phenomenon? The Adoption of Open Innovation Practices in Large Firms", with Sabine Brunswicker, *Research-Technology Management*, March-April 2014: 16-25
- "Open Innovation as a Response to Constraint and Risks: Evidence from China", *Asian Economic Papers*, 2014, vol. 13, #3, with Fu Xiaolan

<http://web.b.ebscohost.com/bsi/command/detail?sid=3e1dcba5-2beb-4d96-a5c9-41dbd3ca7ac6%40sessionmgr113&vid=3&hid=102>

Chesbrough, Henry, and Marshall Van Alstyne. "Permissionless innovation." *Communications of the ACM* 58.8 (2015): 24-26.

Weiblen, Tobias, and Henry W. Chesbrough. "Engaging with startups to enhance corporate innovation." *California Management Review* 57.2 (2015): 66-90.

Chesbrough, Henry, and Eric L. Chen. "Using inside-out open innovation to recover abandoned pharmaceutical compounds." *Journal of Innovation Management* 3.2 (2015): 21-32.

Appleyard, Melissa M., and Henry W. Chesbrough. "The dynamics of open strategy: from adoption to reversion." *Long Range Planning* 50.3 (2017): 310-321.

Zobel, Ann-Kristin, Benjamin Balsmeier, and Henry Chesbrough. "Does patenting help or hinder open innovation? Evidence from new entrants in the solar industry." *Industrial and Corporate Change* 25.2 (2016): 307-331.

Tucci, Christopher L., et al. "When do firms undertake open, collaborative activities? Introduction to the special section on open innovation and open business models." *Industrial and Corporate Change* 25.2 (2016): 283-288.

Cohen, Boyd, Esteve Almirall, and Henry Chesbrough. "The city as a lab: Open innovation meets the collaborative economy." *California Management Review* 59.1 (2016): 5-13.

Chesbrough, Henry. "The Future of Open Innovation: The future of open innovation is more extensive, more collaborative, and more engaged with a wider variety of participants." *Research-Technology Management* 60.1 (2017): 35-38. This paper memorializes my address when I received the IRI Medal of Achievement, in May 2017.

Brunswick, Sabine, and Henry Chesbrough. "The Adoption of Open Innovation in Large Firms: Practices, Measures, and Risks A survey of large firms examines how firms approach open innovation strategically and manage knowledge flows at the project level." *Research-Technology Management* 61.1 (2018): 35-45.

Appleyard, Melissa M., and Henry W. Chesbrough. "The dynamics of open strategy: from adoption to reversion." *Long Range Planning* 50.3 (2017): 310-321. This is one of the most-cited papers from 2017 for this journal.

Bogers, Marcel, Henry Chesbrough, and Carlos Moedas. "Open innovation: research, practices, and policies." *California Management Review* 60.2 (2018): 5-16. This article was CMR's most downloaded article of 2018.

Chesbrough, Henry, Christopher Lettl, and Thomas Ritter. "Value creation and value capture in open innovation." *Journal of Product Innovation Management* 35.6 (2018): 930-938. Finalist, JPIM Page Outstanding Professional Contribution Award, JPIM 2018.

Kohler, Thomas, and Henry Chesbrough. "From collaborative community to competitive market: the quest to build a crowdsourcing platform for social innovation." *R&D Management* (2019).

Bogers, Marcel, Henry Chesbrough, and Robert Strand. "Sustainable open innovation to address a grand challenge." *British Food Journal* (2020).

Chesbrough, Henry. "To recover faster from Covid-19, open up: Managerial implications from an open innovation perspective." *Industrial Marketing Management* (2020).

Enkel, Ellen, Marcel Bogers, and Henry Chesbrough. "Exploring open innovation in the digital age: A maturity model and future research directions." *R&D Management* 50.1 (2020): 161-168.

Bercovitz, Janet, and Henry Chesbrough, 2020. "Hopping Tables: Introductory Essay on Open Innovation and Strategy", *Strategic Management Review*, vol.1, issue 2: p 2-12."

Chesbrough, Henry, and Christopher L. Tucci. "The Interplay between Open Innovation and Lean Startup, or, Why Large Companies are not Large Versions of Startups", *Strategic Management Review*, vol. 1, issue 2. (2020).

Bez, Sea Matilda, and Henry Chesbrough. "Competitor Collaboration Before a Crisis." *Research technology management* 63.3 (2020): 42-48.

Bez, Sea Matilda, and Henry Chesbrough. "Barriers in Searching for Alternative Business Models: An Essay on the Fear of Looking Foolish." *Business Models and Cognition*. Emerald Publishing Limited, 2020.

Bhaskar, S., Tan, J., Bogers, M. L., Minssen, T., Badaruddin, H., Israeli-Korn, S., & Chesbrough, H. (2020). At the Epicenter of COVID-19—the Tragic Failure of the Global Supply Chain for Medical Supplies. *Frontiers in public health*, 8, 821.

Bogers, Marcel, Ana Burcharth, and Henry Chesbrough. "Open Innovation in Brazil: Exploring Opportunities and Challenges." *International Journal of Professional Business Review* 6.1 (2020): 213.

Chesbrough, Henry. "To recover faster from Covid-19, open up: Managerial implications from an open innovation perspective." *Industrial Marketing Management* (2020).

Chesbrough, Henry, Sohvi Heaton, and Liang Mei. "Open innovation with Chinese characteristics: a dynamic capabilities perspective." *R&D Management* (2020).

- Enkel, Ellen, Marcel Bogers, and Henry Chesbrough. "Exploring open innovation in the digital age: a maturity model and future research directions." *R&D Management* 50.1 (2020): 161-168.
- Kohler, Thomas, and Henry Chesbrough. "Motivating Crowds to Do Good: How to Build Crowdsourcing Platforms for Social Innovation." *NIM Marketing Intelligence Review* 12.1 (2020): 42-47.
- McGahan, A. M., Bogers, M. L., Chesbrough, H., & Holgersson, M. (2021). Tackling Societal Challenges with Open Innovation. *California Management Review*, 63(2), 49-61.
- Yang, Jialei, Henry Chesbrough, and Pia Hurmelinna-Laukkanen. "How to Appropriate Value from General-Purpose Technology by Applying Open Innovation." *California Management Review* (2021): 00081256211041787.
- Fu, X., Li, Y., Li, J., & Chesbrough, H. (2021). When do latecomer firms undertake international open innovation: Evidence from China. *Global Strategy Journal*.
- LU, Qinli, and Henry Chesbrough. "Measuring Open Innovation Practices: How Openness Relates to Firm Performance." *Technovation*. 2022
- Digital transformation, for better or worse: a critical multi-level research agenda
J Dąbrowska, A Almpantopoulou, A Brem, H Chesbrough, V Cucino, ...
R&D Management 52 (5), 2022, 930-954
- Closing open innovation, M Holgersson, MW Wallin, HW Chesbrough, L Dahlander
Strategic Management Review, 750-772; (4) 2022
- Extending Open Innovation: Orchestrating Knowledge Flows from Corporate Venture Capital Investments, T Gutmann, C Chochoiek, H Chesbrough
California Management Review 65 (2), 45-70 (6) 2023
- Creating and Capturing Value from Open Innovation: Humans, Firms, Platforms, and Ecosystems, A Majchrzak, MLAM Bogers, H Chesbrough, M Holgersson
California Management Review 65 (2), 5-21 (1) 2023
- Indirect effect of open innovation on clinical and economic value creation in digital healthcare: A comparative study of European countries, A Pundziene, R Sermontyte-Baniule, J Rialp-Criado, H Chesbrough
Journal of Business Research 159, 113701 (2) 2023
- Majchrzak, A., Bogers, M. L., Chesbrough, H., & Holgersson, M. (2023). Creating and capturing value from open innovation: Humans, firms, platforms, and ecosystems. *California Management Review*, 65(2), 5-21.
- Chesbrough, H. (2024). Open Innovation: Accomplishments and Prospects for the Next 20 Years. *California Management Review*, 00081256241273964.

Holgersson, M., Dahlander, L., Chesbrough, H., & Bogers, M. L. (2024). Open Innovation in the Age of AI. *California Management Review*, 00081256241279326.

Chesbrough, H. (2024). Twenty years of open innovation. *MIT Sloan Management Review*, 65(2), 1-3.

Vendrell-Herrero, F., Bustinza, O. F., Larreina, M., Opazo-Basaez, M., & Chesbrough, H. (2025). Blazing the trail: Describing and assessing a new policy instrument whereby indirect tax incentives fuel collaborative innovation. *Research Policy*, 54(8), 105276. <https://doi.org/10.1016/j.respol.2025.105276>

Chesbrough, H. (2025). R&D Management Under Disruption and Uncertainty: An Open Innovation Perspective. *R&D Management*, 55: 998-1000. <https://doi.org/10.1111/radm.12748>

Chesbrough, H., & Bez, S. M. (2026). How to make open innovation work better? Leverage your competitors. *Management*, e9967-e9967.

OTHER RESEARCH CONTRIBUTIONS

- “When is Virtual Virtuous: Organizing for Innovation”, with David Teece, Harvard Business Review, Jan.-Feb. 1996: 65-73; reprinted in John Seely Brown’s Seeing Differently, Harvard Business School Press, 1998; selected and reprinted as one of HBR’s “Best of Innovation” articles in August 2002.
- “Networked Incubators: Hothouses of the New Economy”, with Morten Hansen, Nitin Nohria, and Donald Sull, Harvard Business Review, Sept./Oct. 2000, vol. 78(5): 74-84
- “Making Sense of Corporate Venture Capital”, Harvard Business Review, vol. 80(3), March, 2002: pp. 90-99
- “Open Innovation: How Companies Actually Do It,” Harvard Business Review, vol. 81 (7), July, 2003: pp.12-14
- “Toward a Science of Services”, in Breakthrough Ideas for 2005, Harvard Business Review, vol. 83 (February): p.16-17
- “Dynamic Coordination and Creative Destruction: A Comparative Analysis of Incumbent Success and Failure in the Worldwide Hard Disk Drive Industry”, unpublished dissertation, 1997. David Teece, committee chair, with David Mowery and Bronwyn Hall.
- "Outsourcing Strategies for Innovators: Opportunities & Limits", with David Teece, in David Teece, Managing Intellectual Capital: Organizational, Strategic, & Policy Dimensions, Oxford University Press, 1999
- “Assembling the Elephant: A Review of Empirical Studies on the Impact of Technical Change upon Incumbent Firms”, in Research on Technological Innovation, Management, and Policy, vol. 7, JAI Press, 2001, R. Burgelman and H. Chesbrough, editors; pages 1-36
- “ Introduction to Comparative Studies of Technological Evolution”, with R. Burgelman, in Research on Technological Innovation, Management, and Policy, vol. 7, JAI Press, 2001, R. Burgelman and H. Chesbrough, editors; pages ix-xvi
- “The Dual-Edged Role of the Business Model in Leveraging Corporate Technology Investments,” with Richard Rosenbloom, in NIST Report GCR 00-787, Managing Technical Risk – Understanding Private Sector Decision Making on Early Stage Technology-based Projects, Lewis Branscomb, principal investigator, 2000.
- "The Modularity Trap: Innovation, Technology Phase-Shifts and the Resulting Limits of Virtual Organizations", with Ken Kusunoki, in Ikujiro Nonaka and David Teece, Managing Industrial Knowledge, Sage Publications, 2001
- “Open Platform Innovation: Creating Value from Internal and External Innovation”, Intel Technical Journal, vol. 7 #3 (August), 2003. Online at: http://www.intel.com/technology/itj/2003/volume07issue03/art01_open/p01_abstract.htm

“Towards a Dynamics of Modularity: A Cyclical Model of Technical Advance”, in Prencipe, A., Davies, A., and Hobday, H., eds., The Business of Systems Integration, Oxford University Press, 2003

“The Open Innovation Model: Implications for Japan”, chapter in R. Cole and D.H. Whittaker, Recovering from Success: Innovation and Technology Management in Japan, 2006, Oxford University Press

“Why Bad Things Happen to Good Technology”, Wall Street Journal, April 28, 2007, p. D1

“Open Innovation: A New Approach for Japan to Consider”, Nikkei Business Weekly, August 25, 2008, p. 34 (in Japanese)

Chesbrough, Henry (2008), "Managing False Negatives", *Harvard Management Update*, May2008, Vol. 13 Issue 5, preceding p4-5.

Chesbrough, Henry, "Introduction to Special Issue", *California Management Review*, Spring2008, Vol. 50 Issue 3, p6-11

Chesbrough, Henry, “Orchestrating Appropriability: Towards an Endogenous View of Capturing Value from Innovation Investments”, Chapter 11 in S. Shane, editor, Handbook on Technology and Innovation Management, Wiley, 2009: pp. 335-352.

“Use Open Innovation to Cope in a Downturn”, *Harvard Business Review*, December, 2009, with Andrew Garman

“Constructing and Managing Innovation in Business Networks”, in *Business Network Transformation*, Jeffrey Word, ed., Jossey-Bass (San Francisco, CA), 2009

“Advancing Services Innovation: Five Key Concepts”, in Handbook of Service Science, Paul Maglio, Cheryl Kieliszewski, James Spohrer, editors, Springer (New York, NY), 2010, with Andrew Davies

“Bringing Open Innovation to Services”, *MIT Sloan Management Review*, January, 2011, <http://sloanreview.mit.edu/x/52211>

“Open Innovation, Open Minds” in *Pulso, Telefonica*, Summer 2011, pp. 70-71, with Esteve Almirall

“Open Services Innovation: A new mindset to find new sources of growth”, lead article, Service Innovation Yearbook, European Commission, Information Society and Media, 2011, pp. 9-13

“Reinvention: It’s a good thing for innovation that the age of monolithic corporate labs is over”, *MIT Technology Review*, Nov-Dec., 2011: 37-38

“Services Innovation: Complexity, Openness, Modularity and Structure”, invited article to the EU Service Innovation Yearbook, 2012, European Commission

“Business Model Innovation Paths”, in New Business Models and Value Creation: A Service Science Perspective, by L. Cinquini, A. Di Minin, and R. Varaldo, (Springer) 2012: 45-63

Chesbrough, Henry. "From open science to open innovation." *Institute for Innovation and Knowledge Management, ESADE*(2015).

Vanhaverbeke, W., Roijakkers, N., Lorenz, A., & Chesbrough, H. (2017). The importance of connecting open innovation to strategy. In *Strategy and communication for innovation* (pp. 3-15). Springer, Cham.

“Open Co-opetition”, with Frederic LeRoi, book chapter in Fernandez, A. S., Chiambaretto, P., Le Roy, F., & Czakon, W. (Eds.). (2018). Routledge Companion to Coopetition Strategies. Routledge.

Chesbrough, Henry W., and Wim Vanhaverbeke. "Open innovation and Public Policy in the EU with Implications for SMEs." *World Scientific Book Chapters* (2018): 455-492.

Vanhaverbeke, W., Roijakkers, N., Lorenz, A., & Chesbrough, H. (2017). The importance of connecting open innovation to strategy. In *Strategy and communication for innovation* (pp. 3-15). Springer, Cham.

Le Roy, Frédéric, and Henry Chesbrough. "Open coopetition." *Routledge Companion to Coopetition Strategies*. Routledge, 2018. 398-408.

Chesbrough, H., & Berkeley, U. C. (2023). Measuring the economic value of open source. *Measuring the Economic Value of Open Source*. Linux Foundation.

BOOK LENGTH PUBLICATIONS

Oxford Handbook of Open Innovation, (Oxford University Press, 2024), with Wim Vanhaverbeke, Agnieszka Radziwon, and Joel West. This is the first Handbook to be published for open innovation, and stands as a definitive reference to the growing body of research on the topic. The Handbook consists of 57 chapters from 136 contributors.

Open Innovation Results: Going Beyond the Hype and Getting Down to Business, (Oxford University Press, 2019). This book discusses the barriers inhibiting the effective use of open innovation, and highlights the importance of innovation infrastructure, both at the national level and at the firm level. Overcoming these barriers and building this infrastructure will improve innovation performance, for both firms and nations.

New Frontiers in Open Innovation, (Oxford University Press, 2014), with Wim Vanhaverbeke and Joel West. This volume of academic research is an indispensable guide to the

burgeoning academic literature on Open Innovation over the past ten years since the publication of Chesbrough's seminal contribution. Leading scholars from around the world examine Open Innovation both as a theoretical construct and a growing empirical reality in a variety of contexts. The authors are pioneering contributors to the Open Innovation concept, and this volume will be an invaluable reference for all innovation scholars.

Open Services Innovation: Rethinking Your Business to Grow and Compete in a New Era, (Jossey Bass: San Francisco, January, 2011). This book examines the context of innovation in an increasingly services-driven economy. It starts with the commodity trap product-focused businesses often find themselves in. It considers the challenge of growing a services focused approach to innovation, changes required in the business model to achieve this, and the value of Platforms that combine both products and services together. The book has been translated into Italian and Spanish, and Japanese, Chinese and Korean translations are in Process. This book was nominated for a 1800 CEO BestRead award for 2011, and received Axiom's Silver Award for Best Business Book of 2011.

Open Business Models: How to Thrive in the New Innovation Landscape, (Harvard Business School Press: Boston, MA, December, 2006). A sequel to *Open Innovation*, this book moves beyond R&D to innovation of the business model itself. There is a taxonomy of business model innovation, an extended treatment of intellectual property management, and a discussion of innovation intermediary firms who can help companies open up their business models. The book has now been translated into Japanese, Chinese, Korean, and Italian. It was named one of the ten best books on innovation in 2006 by Businessweek Magazine.

Open Innovation: Researching a New Paradigm, (Oxford University Press, August, 2006), (with Joel West and Wim Vanhaverbeke). An edited volume of research contributions, all informed by the Open Innovation perspective. This volume explicitly framed the Open Innovation model into a series of research questions for academic scholars, and linked the Open Innovation model to prior academic research.

Open Innovation: The new imperative for creating and profiting from technology, (Harvard Business School Press: Boston, MA), 2003

This book introduces a new paradigm, "open innovation". Built upon extensive field research, Open Innovation outlines a new environment for R&D. It demonstrates that this new environment replaces the logic of an earlier era, where innovation was inwardly-focused, and closed off from outside ideas and technologies. It proclaims a new logic for the innovation process, one that requires technical managers to become conversant with business models, to seek new avenues to access external knowledge, and new structures for taking technology to market. And it requires senior managers in the firm to change the charter of their R&D organization, to turn it into an effective generator, user, and integrator of knowledge, adept at utilizing both internal and external ideas. Includes a Foreword by John Seely Brown.; published in Japanese by Sanno Daigaku in October, 2004; published in Chinese by Tsinghua University Press, December, 2004. The

book also has now been translated into Polish, Korean, and Italian.

Comparative Studies of Technological Evolution, an edited volume, with R. Burgelman, volume #7 in the series, Research on Technological Innovation, Management, and Policy, vol. 7, JAI Press, 2001

WORKING PAPERS

“Returns to R&D Investment and Spillovers in the Chinese Semiconductor Industry: A Tale of Two Segments”, with Helen Liang, Industry Studies Working paper: 2008:13, available at <http://isapapers.pitt.edu/95/>

“Technology Markets, Technology Organization, and Appropriating the Returns from Research”, with Clay Christensen, mimeo, July 2001

CASES and TEACHING MATERIALS

Apple Computer in the Portable Computer Market (A), Stanford Business School, S-SM-1
Apple Computer in the Portable Computer Market (B): Building the PowerBook 100, Stanford Business School, S-SM-2

PlaceWare: Issues in Structuring a Xerox Technology Spinout, HBS case # 9-699-001

Inxight: Incubating a Xerox Technology Spinout, HBS case #9-699-019

Intel Labs (A): Photolithography Strategy in Crisis HBS case #9-600-032

Intel Labs (B): A New Business Model for Commercializing Research in Photolithography HBS case #9-600-033

Intel Capital: The Berkeley Networks Investment HBS case #9-600-069

alphaWorks: IBM's Technology Talent Agents HBS case #9-601-001

Managing IBM Research in Internet Time HBS case #9-601-058

Fsas: Fujitsu Support and Service, Inc. HBS case #9-601-003

The Patent & License Exchange: Enabling a Global IP Marketplace HBS case #1-601-019

Lucent Technologies: The Future of the New Ventures Group, HBS case # 9-601-102

National Innovation Systems and Comparative Industry Evolution HBS case #9-601-049

Hotbank: Softbank's New Business Model for Early Stage Venture Incubation HBS case #9-600-100

Structuring and Managing BizDev on the Net, A Note, HBS case #9-601-183

Rafael Development Corp.: Converting Military Technology to Civilian Technology in Israel, HBS case #9-602-011

Milcom: An External Partnership to Commercialize Military Technologies, HBS case # 9-602-006

Centagenetix (A): Building a Business Model for Genetic Longevity, HBS case # 9-602-087

Centagenetix (B): Staking a Claim to IP, HBS case # 9-602-088

Skolar: Commercializing a University Spin-off Technology, HBS case #9-601-162

Genzyme: Engineering the Market for Orphan Drugs, HBS case #9-602-147

Inhale Therapeutics: Breathing Life into the Business Model, HBS case #9-602-132

NeuroTherapy Ventures: Catalyzing Neurologic Innovations, HBS case #9-602-124

IMEC (A): Creating Value through a New Approach to IPR Management, 308-225-1

The Evolution of Sun Microsystems' Innovation Strategy

IMEC (B): Creating Value through a New Approach to IPR Management, 308-226-1

Energy Biosciences Institute, CMR case
 Enel – From Monopoly Power to Open Power, CMR case
 Telefonica – Lean Elephants, CMR case
 Carlsberg Brewery, CMR case
 GE ecomagination challenge, CMR case, one of the top 10 cases by volume for CMR
 Innovating Innovation @tk, CMR case, shortlisted for best case of 2018
 Enel X: Organizing for Digital Transformation, winner, CMR best case award, 2021
 Chesbrough, H. W., & Masko, J. (2023). *Leading Through Influence at Scale: Open Source Security at the Linux Foundation*. The Berkeley-Haas Case Series. University of California, Berkeley. Haas School of Business.

TEACHING NOTES

PlaceWare: Issues in Structuring a Xerox Technology Spinout, Teaching Note 5-601-118
 Inlight: Incubating a Xerox Technology Spinout, Teaching Note 5-601-119
 Intel Labs (A): Photolithography Strategy in Crisis, Teaching Note 5-601-120
 Managing IBM Research in Internet Time, Teaching Note 5-601-122
 Intel Capital: The Berkeley Networks Investment, Teaching Note 5-601-121
 Fsas: Fujitsu Support and Service, Inc., Teaching Note 5-601-123
 The Patent & License Exchange: Enabling a Global IP Marketplace, Teaching Note 5-601-124
 Hotbank: Softbank's New Business Model for Early Stage Venture Incubation, Teaching Note 5-601-125
 Building and Managing the Company Innovation System, Module Teaching Note 5-601-133

Non-Harvard Business School Cases

IMEC: Creating Value through a New Approach to IPR Management Teaching note, 308-225-8
 The Evolution of Sun Microsystems' Innovation Strategy
 The Energy Biosciences Institute: A Model for Industry-University Collaboration?

TEACHING ASSIGNMENTS

Haas Business School

Managing Innovation (MBA290.I). Taught second year elective course to graduate business and engineering students. Median Instructor rating of 7 on 1-7 scale.
 Introduction to Management of Technology (MBA 290.A). Taught first year introductory course to graduate business and engineering students. Median Instructor rating 7 on 1-7 scale.
 Innovation in Services and Business Models (MBA 290.T). A new elective course focused on innovation in services, and the emerging field of services science, management, and engineering (SSME). Median Instructor rating of 6.5 on 1-7 scale.

Topics in Open Innovation (MBA 290.T). A for-credit lecture series that invites leading academic scholars and industry practitioners of open innovation to present and discuss their innovation processes, metrics, and results. Median Instructor rating of 6.0.

Organizational Moonshots class (MBA 290.K). Introduced new elective course on organizing moonshot activities inside established organizations. Invited speakers from DARPA, Google X, Gates Foundation, US government, to share their experiences.

Haas Executive Education

Have taught in Open Enrollment programs on Innovation, Business Models, and Technology Management. Have taught in custom programs for BT, Hitachi, Intel, Statoil, and the CIO Institute.

Launching an Open Enrollment program in Feb. 2008 on Open Innovation and Corporate Entrepreneurship, with Jerry Engel of Haas School of Business' Lester Center for Entrepreneurship.

Launched an open enrollment course with Andre Marquis called Corporate Business Model Innovation.

Harvard MBA

Technology and Operations Management. Harvard Business School, first-year MBA required course. Taught for two years, taught two sections of 80 students in second of those years.

Managing Innovation. Harvard Business School, second-year elective course. Taught for two years.

Building a Sustainably Successful Enterprise. Harvard Business School, second year elective, taught for two years with Professor Clay Christensen.

Harvard Executive Education

Leading Product Development in Internet Time. One week open enrollment executive education program. First executive program HBS conducted in California. Participated with Kim Clark, Steve Wheelwright, Mike Tushman, and Clay Christensen.

Program for Management Development. 12 week mid-level management open enrollment executive education program. Taught 3 session elective course on Managing Innovation for three consecutive years.

Disruptive Technologies Consortium. Custom executive program at Harvard Business School. Taught in every program held at HBS, 7 programs in all.

AEA/Harvard CEO Leadership Forum. 12-week custom executive education program. Taught with Ed Zschau, coordinated with the American Electronics Association, and facilitated discussion among small group study teams.

Designed and delivered onsite custom education programs at Intel (3 years), Lucent, Xerox, GE, Johnson and Johnson (2 years), Novartis-CibaVision, Oy Yritysvaimennus Group Ltd (3 years), Center for Executive Development.

Other Education Activities

Designed and delivered three-day PhD course in Open Innovation at Esade, with Wim Vanhaverbeke. Have taught this course from 2010 through 2019.

Designed and delivered a week-long executive education program at Esade entitled Open Innovation and Corporate Entrepreneurship, in partnership with Ken Morse and with assistance from Wim Vanhaverbeke.

Designed and delivered custom program for Philips, in the Netherlands, on Open Innovation and Entrepreneurship. This program has been delivered 6 times.

Designed and delivered custom program for Air Products in Lancaster, PA on Open Innovation and Open Business Models, with Roger Nagel of Lehigh University
 Participant in Fujitsu's Global Knowledge University, for five years
 Facilitated Leadership Meetings of the American Chemicals Society from 2003-2011

ACADEMIC AWARDS

Honorary doctorate from Eindhoven University of Technology (TU/e), 2025
 Woxsen Award for Transformative Contributions to Innovation Strategy, 2025
 Honorary Doctorate, University of Oulu, Finland, 2023

Honorary Doctorate, Kaunas Technology University, Lithuania, 2022
 Viipuri Prize, Lappeenranta University of Technology, 2022
 Distinguished Scholar-Practitioner Award, Academy of Management, 2022
 PICMET Fellow, Portland State University, 2022
 Best Case Award, California Management Review, Haas School of Business, UC Berkeley, 2021

Herbert Simon Prize, Rajk College for Advanced Studies, Budapest, Hungary, 2020
 Medal of Achievement, PICMET, Portland State University, summer 2019
 Medal of Achievement, Industrial Research Institute, May 2017
 Named one of the Thinkers50 top 50 business thinkers, 2011, 2013, 2015, 2017.
 Thomsen-Reuters Highly Cited Researcher Award, January, 2016-2026
 Honoris Causa, University of Vic, Catalonia, Spain, 2014
 2014 Innovation Luminary Award, Dublin, Ireland, on Wednesday June 11 2014 (from EU Open Innovation Strategy and Policy Group, European Commission)
 Invited Attendee and Session Leader at "Summer Davos", World Economic Forum, Tianjin, China, 2014

Appointed International Research Fellow at the National Institute of Science and Technology Policy of Japan

Honoris Causa – University of Hasselt, Belgium, 2013
 Keynote Speaker, World Economic Forum, Davos Switzerland, 2012
 Received Silver Award from Axiom for Best Business Book of 2011 (for Open Services Innovation)
 Nominated as Finalist for 2011 Thinkers50 by Thinkers 50 <www.thinkers50.com>
 Received Inaugural Leading Through Innovation Award, by Dean Lyons of the Haas Business School in November, 2009
 Awarded one of Top Ten Books on Innovation for 2006 by Businessweek Magazine (for Open Business Models).

Named as one of the Scientific American 50 for 2003, for leadership in technology and business, by *Scientific American* magazine, in recognition of his research on industrial innovation

Awarded Best Business Book of 2003, by Strategy & Business Magazine (for Open Innovation); Awarded Best Business Book on Innovation, by European Association for Creativity and Innovation, September, 2005.

Received IBM Faculty Grant Award for the study of Innovation in Services, May, 2004, May 2005, and October 2005

Invited Address, National Press Club of Australia, November, 2004
 Appointed Visiting International Fellow by the Australian Industry Group, November, 2004
 Received Dell, Inc. Gift for the study of innovation in standards-based industries, June, 2004
 Received Alfred P. Sloan Foundation Grant Award of \$225,000 for the follow on study of Globalization of R&D in the Semiconductor Industry (with David Teece and David Mowery), May, 2006
 Received Alfred P. Sloan Foundation Grant Award of \$150,000 for the Study of Globalization of R&D in the Semiconductor Industry (with David Teece and David Mowery), April, 2004
 Received NEDO/METI scholarship for research on spin-offs, March, 2003; renewed June, 2004
 Appointed Sasakawa Foundation Research Fellow, Haas School of Business, January, 2002
 Appointed Class of 1961 Fellow, Harvard Business School, 1999.
 Awarded Robert Noyce Memorial Fellowship in Industrial Competitiveness from the Intel Foundation, 1995-1997.
 Awarded Outstanding Graduate Student Instructor at UC-Berkeley, May, 1996.
 Awarded Olin Foundation Fellowship in Law and Economics, Spring 1995.
 Received Distinction on Field Examination in Business and Public Policy, June 1994.

ACADEMIC SERVICE

Founder and Organizer, World Open Innovation Conference: 2014, 2015, 2016, 2017, 2018, 2019, 2020
 Founder and Organizer, Open Innovation Research Seminar, Berkeley, CA, 2014-present
 Founder and Organizer, Berkeley Innovation Forum, 2005-present
 Research Policy – member of Editorial Board, 2013-2021
 California Management Review – member of Editorial Board, 2012-present
 Member, Chancellor's Committee on Joint Venture with NASA-Ames for Mountain View campus, Gordon Rausser, committee chair
 Co-host, Strategic Management Review journal special conference, UC Berkeley, fall 2018
 Co-host, Strategic Management Society journal special conference, UC Berkeley, March 2020
 Executive Committee member, Technology and Innovation Management, Academy of Management, 1999-2002.
 Academy of Management - BPS, OMT, TIM Divisions
 Industrial and Corporate Change – ad hoc reviewer
 Journal of Economic Behavior and Organization – ad hoc reviewer
 Journal of Engineering and Technology Management – Board member
 Council on Cooperation and Competitiveness (CCC)'s 12th Annual Doctoral Student Consortium. Conference Organizer for Spring 2005 meeting at UC Berkeley Haas School of Business. Also co-sponsored the funding of the conference.
 Research Policy Special Issue Conference in honor of the 20th Anniversary of David Teece's article, Profiting from Innovation, October, 2006. Conference organizer. Recruited all speakers, hosted entire event.

Berkeley Conference on Services Science, April 2007. Conference organizer of the first conference on services innovation at UC Berkeley. Recruited sponsorships from Tekes in Finland, CITRIS at UC Berkeley, and the California Management Review.

INVITED PRESENTATIONS

World Economic Forum, Davos Switzerland. One-on-one interview regarding Open Innovation with Soumitra Dutta, Dean of the Johnson Graduate School of Management at Cornell University, January 27, 2012.

<http://www.youtube.com/watch?v=02tCs3oKovc>

World Innovation Forum, New York, NY. Invited address on lessons from Open Innovation, June 20, 2012

IEDC/Bled School of Management, With Open Innovation to Success, invited address, 25th anniversary celebration of the President's Forum at the school. Introduced by Danilo Turk, President of Slovenia, October 19, 2012

The Economist Ideas Economy – Innovation. Invited speaker, Haas School of Business, UC Berkeley, March 23, 2011

40th Anniversary of Lustrum Symposium, University of Twente, Netherlands, November 22, 2008. Invited Keynote speaker on “Open Innovation and Open Business Models”.

International Symposium on Service Innovation, Graduate School of Management, Kyoto University, Japan, November 14, 2008. Invited Keynote speaker on “Open Services: Innovating Value in the 21st Century.

National Summit on American Competitiveness, September 2007. Invited Presenter to Inaugural Conference hosted by Secretary of Commerce Carlos Gutierrez. The panel chair was John Marburger, Science and Technology Advisor to President Bush. Co-panelists were Craig Barrett, chairman of Intel, Arden Bement, head of National Science Foundation, and Patrick Lo, CEO of Netgear.

Dutch Ministry of Economic Affairs (The Netherlands), December 2006. “Open Innovation: New Horizons for Public Policy Towards Innovation”

Flanders Regional Development Organization, Belgium, November, 2006. World Creativity Forum. “Open Innovation”

Oxford University, Templeton School of Management, June, 2006. “Services Science: A Research Manifesto”

Fairleigh Dickenson University, June 2006. “Open Innovation: A New Paradigm for Industrial Research and Development”

Beijing University, September, 2006. “Services Science: A Research Agenda”.

London Business School, June, 2005. “Open Innovation and Intellectual Property: The Emergence of Secondary Markets”

Palo Alto Research Center, December, 2004. “Why Innovators Need to Manage Intellectual Property (not the Lawyers)”, invited PARC Forum Address

National Press Club of Australia, November, 2004. “Open Innovation: Implications for Innovation and for the Australian Economy” (televised live on ABC in Australia)

Senior Leadership Forum, VIA Group, Helsinki, Finland, October 2004. “Open Innovation: A New Paradigm for Industrial Innovation”, invited address

Innovation Convergence, September, 2004. “Open Innovation: A New Approach to Innovation”, invited keynote address, Minneapolis, MN

Intel Capital CEO Summit, July, 2003. “The Open Innovation Model: A New Pathway for Startups and Corporations to Engage”, invited speaker to annual meeting, Monterey, CA

Industrial Research Institute, May, 2003. “Open Innovation and the Business Model: A New Mindset for Industrial R&D,” invited speaker to the annual meeting, Colorado Springs, CO

Xerox Palo Alto Research Center, April, 2003. “Open Innovation and the Future of Innovation”, invited PARC Forum Address

Churchill Club, Palo Alto, CA, April, 2003. Keynote Speaker on Open Innovation panel, with Scott Cook of Intuit, Arati Prabhakar of US Venture Partners, and Curt Carlson of SRI.

IBM Almaden Labs Distinguished Speaker Series, April, 2003. “Open Innovation”.

American Chemicals Society – Presidential Symposium Keynote Address, March 2003. “Open Innovation and the Future of Industrial R&D”

OECD– Rapporteur for Workshop on “Changing Business Strategies for R&D, and Their Implications for Science and Technology Policy”, French Ministry for Research, Paris, France, October, 2001

Bay Area Research Directors, August, 2001. “Open Innovation: A New Paradigm for Managing Industrial Research”, Dinner speaker, Palo Alto, CA

Hewlett-Packard Laboratories, August 2000. “Chasing Economies of Scope: Xerox’s Management of its Technology Spin-off Organizations”, Palo Alto, CA

Xerox Palo Alto Research Center Forum, June 2000. “Lessons from Xerox’s History with Technology Spin-off Companies”, PARC Forum Address, Palo Alto, CA

Industrial Research Institute, May 1999. “Emerging Models for Commercializing Research out of the Lab”. Invited speaker to annual meeting of the IRI, Williamsburg, VA.

Association of American Publishers, May 1996. “Organizing for Innovation in the Publishing Industry”, plenary address (with David Teece).

US Government Accounting Office, September, 1995. “The Continuing Competitiveness of the US Hard Disk Drive Industry”.

Dataquest Annual Storage Conference, June 1993. “Standards and Inertia in the Floppy Disk Drive market: 1975-1992”.

In addition to the above, invited presentations on Open Innovation have been delivered at Visa (August, 2007), SC Johnson (August 2007), AT&T (July 2007), Kemet (July, 2007), Dupont (May 2007), GE Aircraft Engines (September, 2006) Motorola (August, 2006), NEC (July, 2006) and 3M (June, 2006)

OTHER PROFESSIONAL ACTIVITIES

Invited blogger on Forbes.com

Invited Columnist, Businessweek.com

Invited Columnist, MIT Technology Review. “Rethinking Corporate Research”.

Executive Board Member, Epilepsy.com, a patient-oriented website dedicated to patients and their families who seek information to help them live with epilepsy

Advisor to New Venture Partners, LLC. NVP is a leading venture capital firm that specializes in partnering with corporate R&D laboratories to spin out new ventures that are not accepted within the main business of the corporation. NVP has relationships with Lucent, British Telecom, and Philips

Advisor to InnoCentive. InnoCentive is a leading open innovation company that specializes in helping clients access a worldwide network of problem solvers to propose solutions to clients' problems, in return for prize awards. InnoCentive has recently extended its model to the social sector through a partnership with the Rockefeller Foundation.

Advisor to the Nike Green Exchange, a nonprofit organization dedicated to developing a pool of contributed intellectual property for sustainable and energy efficient technologies.

Member of American Chemical Society Presidential Task Force (George Whitesides, Harvard University, chair), contributed to ACS Report titled, Innovation, Chemistry and Jobs: Meeting the Challenges of Tomorrow.

March, 2026