

## ***Curriculum Vitae***

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## Positions

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- 2022 to present                      Research Associate, Innovation Program Research, Robotics Systems Laboratory, School of Engineering, Santa Clara University, Santa Clara, CA.
- 2017 to 2021                            Adjunct Lecturer, Graduate School of Engineering, Santa Clara University, Santa Clara, CA; courses include: Innovation Theology; Innovation, Design & Spirituality; Engineering and the Entrepreneurial Mindset; Thinking in Systems; Intrapreneurship; and Creativity, Innovation and Design Thinking; Principal Investigation (Jesuit Way of Innovating, Ciocca Center Research Grant). Adjunct Lecturer of the Year Recognition, 2020-21 (School of Engineering).
- Miller Center GSBI and GSBF, mentor, panelist
- 2000 to 2013                            Founder, Innovation Practitioners Network, San Francisco, CA; a community of practice of veteran innovators from commercial R&D organizations; areas of concentration included Toyota's Development System, Systems Dynamics perspectives on innovation management practices and innovating systems, intellectual capital management theory and practice (extracting and generating value from patent portfolios), intrapreneurial methods (e.g., sponsors, midwives and innovators) and organizational dynamics of innovating.
- 1990 to present                        Founder, General Partner, Vincent & Associates, Ltd., San Francisco, CA; a consulting practice providing facilitation and advisory services to established corporations' innovating systems (see client engagement summary below).
- 1986 to 1990                            Managing Partner, Synectics, Inc., San Francisco, CA; a creative problem-solving and training firm based in Cambridge, MA (a spin-out of A.D. Little's Invention Design Group); P&L responsibilities – most profitable office (among 4 offices) in the firm at that time.
- 1982 to 1986                            Innovation Management Consultant, Kimberly-Clark Corporation, Neenah, WI; one of six members of an internal "think tank"; program manager for the Trends Project (identifying societal trends *before* they become generally recognized) and leading training efforts in creative problem-solving and facilitation; developed innovation sponsor training (based on Gifford Pinchot, III's intrapreneurship principles), and codifying innovating principles and practices.

1980 to 1982 Associate Pastor, First Presbyterian Church (UPCUSA),  
Neenah, WI.

1978 to 1980 Pastor, Covenant Presbyterian Church (PCUS), Concord, NC.

Client Engagements Summaries (Vincent & Associates, Ltd.)

Commercial Corporations

*[Given the proprietary nature of most client engagements, the following describes in general the character of primary practice areas of Vincent & Associates, Ltd, followed by a partial list of clients.]*

**Strategic Invention:**

STEM-intensive client companies use Invention Workshops to generate strategic inventions in targeted areas. Resulting patents enable client companies and their licensees to pre-empt competitors, anticipate emerging markets, and create strategic “options” for the future. Clients view these patents as strategic business assets more than merely legal protections. Strategic patents create new corporate capital that converts into new revenue streams, strategic advantage and negotiating positions. Workshops consist of two- and three-day collaborative events clients use to sculpt their patent portfolios.

Twelve client companies have engaged Vincent& Associates, Ltd. to train their own internal facilitators and design the necessary organizationally processes to build the companies' patent portfolios on an on-going basis.

**Opportunity Foresight:**

Opportunity Foresight provides forward-thinking leaders with an approach to identify and agree upon relevant factors shaping the company's future external landscape. This practice area enables leadership and management teams to surface compelling targets of opportunity to focus and direct innovator teams. Clients have used this approach for targeting their invention efforts, as a prelude to their strategic planning efforts, and as a foundation for scenario planning. Innovating efforts often produce a lot of activity with few results, especially when it is left to everyone. In contrast, this practice area/service delivers compelling, clear and focused direction for where innovations are actually needed, and why.

Methods of this practice area are also used to reduce ever-changing forms of organizational resistance ("corporate antibodies") to innovation initiatives (often known in R&D communities as the "not-invented-here syndrome" or NIH).

### ***Executive Coaching and Advisory:***

For a few select clients, coaching and advisory services are provided upon request. These services relate to the client's specific organizational and innovation ecosystem contexts and use a systems dynamics perspective of analysis (often referred to as innovation "culture").

A few of the commercial client companies who have more recently repeatedly engaged these services (invention, foresight and advisory), include Sony Electronics, Whirlpool, Advanced Micro Devices (AMD), Rockwell Automation, Seagate Technologies, Hewlett-Packard, TiVo, Corning, Broadcom, The Weyerhaeuser Company, The Kohler Company, Visteon, Meritor, Technicolor, Kimberly-Clark Corporation, Clif Bar & Company, Johnson Controls-Hitachi Air Conditioning, and others.

### ***Government Sponsored Initiatives***

United States Department of Energy Office of Technology Assessment/American Forest Product Association Agenda 2020: Design and Facilitation of Technology Summits (2001, 2004).

Agensi Inovasi Malaysia (AIM)–Malaysia's National Innovation Agency: design and facilitation of invention target identification and selected invention workshops as a part of the Prime Minister's Innovating Malaysia Initiative (2011)

### ***Corporate Sponsored Environmental Initiatives***

Advanced Research Projects Administration for Department of Energy (ARPA-E): Proposal Development and Writing (with the Whirlpool Corporation)–won two \$12 Million resource sharing project grants (2010).

Bill and Melinda Gates Foundation's "Reinvent the Toilet" Initiative: Design and Facilitation of Technology Assessment Summit (with The Kohler Company & Marquette University School of Engineering, 2016).

### ***Education***

Graduate: M. Div., Yale Divinity School (1978), New Haven, CT; concentrations in homiletics, Hebrew Testament Studies, canonical criticism (with Brevard Childs). Alfred E. Beebe Prize for Outstanding Promise in Preaching.

Undergraduate: B.A. (religion/philosophy), Davidson College (1975), Davidson, NC; concentrations in theology, Hebrew Testament Studies–Senior Thesis "The Day of Yahweh in Old Testament Prophecy".

Post-graduate: Leadership and Mastery, Innovation Associates (Peter Senge, et. al.) (1985), Framingham, MA; training in systems dynamics, causal loop diagramming, the "beer game" facilitation (for teaching systems dynamics).

The Effective Executive Program (1984); The Wharton School, University of Pennsylvania.

Innovative Teamwork Program (ITP) and Facilitator Development Program (1982 through 1984), Synectics, Inc., Cambridge, MA.

World Future Society (WFS), (1982 through 1985); annual conferences and training in futures research, trend identification, and forecasting methods.

Systems Theory of Family Therapy (1980/1), University of Dubuque Theological Seminary, Dubuque, IA; and clinical supervision (Neenah, WI).

### Publications

2017 *Innovation Theology: A Biblical Inquiry and Exploration*, Wipf & Stock.

2016 *A Primer on Innovation Theology: Responding to Change in the Company of God*, Wipf & Stock.

2011 *Prisoners of Hope: How Engineers and Others Get Lift for Innovating*, Westbow Press.

2005 "Innovation Midwives: Sustaining Innovation Streams in Established Companies," *Research•Technology Management* (January-February), Industrial Research Institute [peer reviewed].

2000 with Dick Cheverton and Bill Wilson, *The Maverick Way: Profiting from the Power of the Corporate Misfit*, Maverickway.com.

### Special Interest

2020-2021 (unpublished) "Toward a Jesuit Way of Innovating" – A Report from an Inquiry of Eight Jesuit Universities in the United States (6/30/21); distributed to 50+ participants in the inquiry; research project funded by the Ciocca Center for Innovation and Entrepreneurship

- 2018 (Spring) "Ignatian Principles of Innovating Practice," Syllabus for the Jesuit School of Theology (Associate Dean A. Bender's request) for Bridge Course
- 2017 (Fall) Consulting to Miller Center for Social Entrepreneurship: focus on GSBF.
- 2016 innovationtheology.org; content briefs introducing Innovation Theology (pdfs available for download).
- 1996 - 2013 *Innovating Perspectives* (periodical five times each year) at innovationthatwork.com (pdfs available for download).

Writing samples are available from exam@wipfandstock.com, review@wipfandstock.com, innovationtheology.org, innovationthatwork.com (for past issues of *Innovating Perspectives*) or directly upon request from lanny@innovationthatwork.com.

### Presentations

- 2021 (April) "Embody Integral Ecology for Learning Design," IAJES Webinar Series ("Engineering Education for the Future"), co-presenter.
- 2020, 2021 "What 'Jesuit' Brings to Innovating Engineers," presented to ENGR 288 (graduate school course).
- 2018 (April) "Make Meaning Before Money," Sunnyvale Presbyterian Church, Sunnyvale, CA.
- 2017 (June) "Testing the Transhumanism in Kelly's *What Technology Wants*: Toward an Invention for Innovation Theology," Theologians Testing Transhumanism and the Center for Theology and the Natural Sciences (CTNS), Graduate Theological Union, Berkeley, CA.
- 2016 (October) "Innovation Theology and Faith Based Engineering," University of St. Thomas, St. Paul, MN (Culture of Ethics Conference, jointly sponsored by the School of Engineering and the Department of Theology). Jack Swearengen, co-presenter.
- 2016 (July) "A Case for Innovation Theology," American Scientific Affiliation, 2106 Annual Meeting (75th Anniversary), Azusa Pacific University, Azusa, CA. Jack Swearengen, co-presenter.
- 2007 (November) "Invention Generation and Capture," 44th Annual Corporate Patent Seminar, Hilton Head, NC.

- 2004 "Aimed Invention and Innovation Workshops," American Intellectual Property Law Association (AIPLA), Phoenix, AZ.
- 2003, 2000 Intellectual Capital Generation: Invention Workshops, The Gathering (spin-out of Licensing Executives Society).
- 2002 "Developing a More Valuable IP Portfolio," with Kelly Hale, American Intellectual Property Law Association (AIPLA)

Other Unpublished Working Papers

- 2013 Systems Dynamics Simulation Models (Insightmaker modeling software); two working simulations of innovating systems dynamics in commercial R&D organizations.
- 2013 (June) "Corporate Innovation Management: Reconciling 'Trellis' and 'Vine'-What Veterans of Corporate Innovating Are Saying," the Report from a Survey of 70 Corporate Innovators (each with at least a decade of direct experience innovating within established company contexts).
- 2000 - 2017 Various Short Reports on Innovation Management, Innovating Systems

Selected Citations

*(additional citations noted on website: [innovationsthatwork.com](http://innovationsthatwork.com))*

- Brown, Stuart, MD. *Play: How It Shapes the Brain, Opens the Imagination, and Invigorates the Soul*. New York: Penguin, 2001.
- Berman, Bruce, Ed. *From Ideas to Assets: Investing Wisely in Intellectual Property*. New York: John Wiley & Sons, Inc., 2002 (describes the work Vincent & Associates, Ltd (unnamed) did "installing" innovation workshop capability at Hewlett-Packard and the results), p. 198-210.
- Davis, Julie L., and Harrison, Suzanne S. *Edison in the Boardroom: How Leading Companies Realize Value from Their Intellectual Assets*. Wiley 2001, pages 129-131.
- Erickson, Gary. *Raising the Bar: Integrity and Passion in Life and Business*. San Francisco: Jossey-Bass, 2004.

*Pro bono Consulting & Volunteer Service*

Habitat for Humanity International, Atlanta, GA

-Innovating system advice and counsel

Christ United Presbyterian Church, San Francisco, CA

-Vision and Alignment Development, Design and Facilitation

Redwood Day School, Oakland, CA

-Strategy Development, Design and Facilitation

East Bay Conservation Corps (past Board Member), Oakland, CA

-Strategy Development, Design and Facilitation

National Institute for Play, (past Board Member), Carmel Valley, CA

-Start-up management, fund-raising and organizational development

Faith Network of the East Bay, Oakland, CA

-Literacy Tutoring and Mentoring High School/College Student

First Presbyterian Church of Berkeley, Berkeley, CA

-Teaching (scripture studies), Street Meal Ministries, advice and counsel to pastoral and program staff, staff training in creative problem-solving, capital campaign, etc.