Phillip G. Bernstein

Phil Bernstein is an architect, technologist, and educator. He is currently Deputy Dean and Professor in the Practice at the Yale University School of Architecture.

He developed the practice curriculum at Yale and has taught the required courses as well as seminars on the business models and value propositions of the profession, forced labor in the building supply chain, and is developing and teaching the AI curriculum. He has been a visiting course lecturer at Harvard, Princeton, Columbia, MIT, Michigan, Berkeley, and Cornell.

Formerly a Vice President at Autodesk, Phil led a team that set the company's building industry vision and long-term strategy and cultivated the firm's relationships with the building industry. Upon joining Autodesk as Vice President of the Building Design Solutions Division in 2000, he re-established the company's reputation as a thought leader in design technology for the building industry. He then successfully created the strategy to bring transformative BIM (Building Information Modeling) technology to the building industry globally. Since 2000, Autodesk's revenue has increased from $800 million to more than $5 billion, and the BIM solution is now one of the top products in the company's portfolio, adopted by architects, engineers and contractors worldwide.

Phil was the executive responsible for Autodesk's Waltham AEC Headquarters, one of the nation's first completely integrated project delivery (IPD) projects, which received more than 14 architectural awards including ones from the *American Institute of Architects*, *Business Week, Architectural Record, the Association of General Contractors* and *Interiors* magazine. Phil has been honored twice by *Design Intelligence* as one of the "30 Most Admired Educators in Architecture" and was named as an Outstanding Industry Contributor by the Connecticut Construction Institute.

Prior to joining Autodesk, Phil practiced architecture at Cesar Pelli & Associate Architects where he managed many of the firm's most complex commissions, including the New Corporate Headquarters, Goldman Sachs & Company in Jersey City, NJ, the North Terminal at Ronald Reagan National Airport in Washington, DC, the Adrienne Arsht Center for the Performing Arts in Miami, and the Gonda Practice Integration Building at the Mayo Clinic in Rochester, MN.

He writes and lectures extensively about practice and technology, and has been published in *Architectural Record, Architecture, Architecture+Urbanism, Architectural Design, Design Intelligence, Fast Company, Fortune* and *Perspecta* and quoted in *The Economist, Vanity Fair, USA Today, Dwell, The New York Times* and *The Wall Street Journ*al. Phil has contributed to numerous books and journals about technology, design and architectural practice. In 2015 he co-authored *Goat Rodeo: Practicing Built Environments*, a treatise on the future of architectural education. His book *Architecture | Design | Data: Practice Competency in the Era of Computation* was published by Birkhäuser in 2018, and his 2021 book on artificial intelligence and architectural practice, *Machine Learning: Architecture in the Age of Artificial Intelligence* was published in second edition in 2025.

Phil's civic involvement ranges across architecture, education and the arts. He serves on the board of The Architecture League, the SWA Group, and MASS Design, and is a former Director of Storefront for Art and Architecture, a Senior Fellow of the Design Futures Council, a Fellow of the American Institute of Architects, and former Chair of the AIA National Contract Documents Committee. He was named a Distinguished Professor by the Association of Collegiate Schools of Architecture in 2026, and is licensed to practice architecture in California.

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(updated 26 September 2026)

Phillip G. Bernstein FAIA RIBA NOMA LEED AP©

EMPLOYMENT

Deputy Dean (2024) and Professor in the Practice (2025), YALE SCHOOL OF ARCHITECTURE, 2020-present

Associate Dean (2023) and Professor Adjunct (2022), YALE SCHOOL OF ARCHITECTURE 2017-2024

Independent Technology and Strategy Consultant, 2016-present

Consulting Fellow, AUTODESK Inc., 2016-present

Senior Lecturer, Lecturer in Professional Practice, YALE SCHOOL OF ARCHITECTURE, 1988-2020

Vice President, Strategic Industry Relations, AUTODESK Inc., 2004-2016

Vice President, Building Solutions Division, AUTODESK Inc., 2000-2004

Project Manager, Associate, Associate Principal, CESAR PELLI & ASSOCIATES, New Haven, CT, 1988-2000

Project Architect, Associate, Studio Manager, KAPLAN/MCLAUGHLIN/DIAZ ARCHITECTS, San Francisco, 1983-1988

Architectural Intern, NEWMAN ARCHITECTS, New Haven, 1980-1983

Field Architect, MEIRON, ISRAEL EXCAVATION PROJECT of DUKE UNIVERSITY, 1980

Professional-in-Training, FWA GROUP, Charlotte, NC, 1979-1980

PROFESSIONAL CERTIFICATIONS

LICENSED ARCHITECT, State of California #15445, 1985-present

CERTIFICATE, National Council of Architectural Registration Boards #33339, 1985-present

LEED© ACCREDITED PROFESSIONAL, US Green Building Council, 2002

EDUCATION

YALE COLLEGE, Bachelor of Arts *magna cum laude* with distinction in architecture, 1979

YALE SCHOOL OF ARCHITECTURE, Master of Architecture, Ann C. K. Garland Award, 1983

SELECTED PROFESSIONAL EXPERIENCE

With YALE SCHOOL OF ARCHITECTURE:

- New Research Facility, Yale Center for Ecosystems in Architecture (CEA)
- Rudolph Hall systems and network infrastructure renovations
- COVID-19 operation plan

With AUTODESK Inc.:

- Regional headquarters – Innovation and Design Center, Boston MA.
- AEC headquarters, Waltham, MA.
- New offices and Autodesk Gallery, San Francisco, CA.

With CESAR PELLI & ASSOCIATES:

- New Corporate Headquarters, Goldman Sachs & Company, Jersey City, NJ
- Ronald Reagan Washington National Airport New North Terminal, Washington, DC

- Adrienne Arsht Center for the Performing Arts of Miami-Dade County, Miami, FL
- Theodore Roosevelt U.S. Federal Courthouse, Brooklyn, NY
- Worrell Center for Law and Management at Wake Forest University, Winston-Salem, NC
- Owens-Corning International Headquarters, Toledo, OH
- Cleveland Clinic Foundation Health Sciences Center Master Plan and Lerner Research Center, Cleveland, OH
- Engineering Building Unit 3B/Computer Sciences and Provost Building, University of California at San Diego, San Diego, CA.
- AIDS/Immunology/Transplant/Orthopedics Laboratories, University of California at Los Angeles Medical Center, Los Angeles, CA
- Biochemistry Research Building 19B, University of California at San Francisco, Mission Bay Campus, San Francisco, CA
- William Lanman Jr. Center, Payne Whitney Gymnasium, Yale University, New Haven, CT
- Gonda Practice Integration Building, Mayo Clinic, Rochester, MN
- Greenwich Library Master Plan and Petersen Addition, Greenwich, CT
- Comprehensive Facilities Master Plan for Emma Willard School, Troy, NY
- Designed and implemented firm-wide project management capabilities in project tracking, contracts, risk management/insurance and office administration.

With KAPLAN/MCLAUGHLIN/DIAZ:

- Renovation and Addition, Student Center at University of California Irvine, Irvine, CA
- Ronald V. Dellums Federal Building and U.S. Courthouse, Oakland, CA
- Commercial Studio Manager for 20 architects executing 16 projects.
- Implemented the firm's first computer-based project scheduling, fee development and analysis system.
- Organized, coordinated and taught visiting internship design studio and professional development program.

With HERBERT S. NEWMAN & PARTNERS:

- Renovations to Yale Law School Library, New Haven, CT
- Renovation and restoration, Union Railway Station, New Haven, CT

With FEREBEE WALTERS and ASSOCIATES:

- Union Carbide Corporate Headquarters, Research Triangle Park, NC
- School of Veterinary Medicine, North Carolina State University, Raleigh, NC

SELECTED HONORS AND AWARDS

Distinguished Professor, 2026, Association of Collegiate Schools of Architecture

Design Intelligence America's Top 30 Architectural Educators, 2010 and 2014

American Institute of Architects Presidential Citation, 2011

Outstanding Industry Contributor, Connecticut Construction Institute, 2010

Autodesk AEC Division Headquarters Project:
- Interior Design Magazine "Best of Year Award" Eco category, 2009
- Architectural Record Award of Excellence, "for implementing innovative architectural strategies, increasing productivity and collaboration, and reducing overhead," 2009
- American Institute of Architects Award for the "Design/Delivery Process Innovation Using BIM," Technology in Architectural Practice Award, 2010
- Green Building of America Award of The Building of America, for "building an innovative and sustainable facility," 2010
- International Interior Design Association (IIDA) New England Award for "Best Office in the 30,000-to-80,000-square-foot category," 2010

- AGC Build New England Honor Award for "outstanding project teamwork," 2009
- Constructech Vision Award, 2010
- Best New World Class Briefing Center, Association of Briefing Program Managers, 2009

Senior Fellow, Design Futures Council, 2003

CADALYST/CADENCE Awards, Best in Class Software for Architectural Desktop, AutoCAD, Building Systems, Architectural Studio and Revit, 2000-2015

Fellow, American Institute of Architects, 2000

Honor Award for Washington National Airport (Cesar Pelli & Associates Architects), AIA New England, 1999

Lerner Research Institute at Cleveland Clinic (Cesar Pelli & Associates Architects), The Cleveland Engineering Society Design & Construction Division's Award for Excellence, 1999

Design Award, North Terminal at Washington National Airport (Cesar Pelli & Associates Architects), AIA Connecticut, 1998

Certificate of Merit, US Federal Courthouse Building, Brooklyn (Cesar Pelli & Associates Architects), AIA/Justice Facilities Review, 1998

Certificate, AIA/DuPont Benedictus Award, Owens Corning World Headquarters (Cesar Pelli & Associates Architects), 1997

Anne C.K. Garland Award, Yale School of Architecture, 1983

Edward McGuire Gordon Cup, Master's Cup, Timothy Dwight College of Yale University, 1979

Major "Y" Varsity Letters, Yale Men's Volleyball, 1978, 1979

SELECTED SERVICE, MEMBERSHIP AND ACTIVITIES

Board of Directors, The Architecture League of New York, 2026-present

Board of Directors, MASS Design, 2026-present

Board of Directors, SWA Group, 2026-present

Board Advisor, National Organization of Minority Architects/Connecticut Chapter, 2023-present

Board of Advisors, NCARB-ASCA Professional Practice Resource Library (PROPEL), 2019-2023

Global BIM Summit Steering Committee, 2021

AIA National Honor Awards Jury, 2021

U.S. National BIM Standards Coordinating Group, 2020-2023

Grace Farms Foundation Architecture and Construction Working Group on Addressing Slavery in the Built Environment, 2018-2022

General Partner, Bulldog Innovation Group, 2016-present, Chair, 2019-2021, 2026-present

Member, National Organization of Minority Architects, 2019-present

Board of Directors, MakeHaven, 2018-2022, Treasurer, 2019-2022

Board of Directors, The Architecture Lobby, 2016-2018

Board of Directors, Storefront for Art and Architecture, New York, NY, 2015-2017

Trustee, Chair of Facilities, Emma Willard School, Troy, New York, NY, 2002-2016

Advisor to Her Majesty's Government Business Innovations and Skills, UK Level 2/3 BIM Standards, 2012-2017

Leadership Team, BIMForum, 2011-2015

Member, Royal Institute of British Architects, 2008-present

3 Party Process Transformation Team. AIA/AGC/CURT, 2006-2009

Construction Users Roundtable, A/E/C Productivity Committee, GSA Standards, 2003-2006

American Institute of Architects (AIA) National Contract Documents Committee, 1997-2008, Chair 2004-05

Secretary, Executive Committee of Board of Directors, AIA Connecticut, 1996-2000

Steering Committee, "Design Diplomacy: Public Policy and the Practice of Architecture" International Conference in Copenhagen, Denmark, AIA International Professional Interest Area, 1999-2000

Program of Instruction for Lawyers: Negotiation Workshop, Harvard Law School, 1999

Chair, New Building Committee, West Hills Magnet School, 1995-1999

Chair, Regional Cooperation Citizen's Action Group, Vision for a Greater New Haven, 1994-1999

Steering Committee and Faculty Member, AIA/ACSA Summer Education Practice Institute, 1993–1995

Faculty Fellow, First-Year Faculty Advisor, Timothy Dwight College of Yale University, 1988-present

AIA National Task Force on Excellence in Office Education, 1985-1992

Member, American Institute of Architects 1985-present

COURSES TAUGHT (all at Yale School of Architecture)

Scales of Intelligence: AI, Agency, and Architecture (Spring 2025-present): comprehensive survey of issues of artificial intelligence in architecture practice, examined through historical, technical, and theoretical lenses, to be taught with Sam Omans, PhD and Brennan Buck.

Exploring New Value Propositions for Design Practice (2013-present): examination of the business models of design practice and research on innovative methods of firm organization and operation.

Architecture and Machine Learning in Theory and Practice (Spring, 2022, 2023): research seminar taught with Samuel Omans, PhD investigating how AI/ML technologies may change the nature of design practice.

Slavery, Its Legacies and the Built Environment (Fall 2021-2023): research seminar taught with Amb. (Ret.) Luis C. de Baca and Prof. David Blight on the history, legacy and current challenges of forced labor in the building industry, with a focus on a proposed National Slavery Memorial in Washington, DC. The course was taught jointly as a combined classroom with the University of Michigan Law School.

Fighting Slavery in the Building Supply Chain (Fall 2020): research seminar taught with Luis C. de Baca (Ambassador, Retired) exploring the role of design in reducing labor abuse in the building industry.

Architectural Practice + Management (1999-2022): required professional practice course taught to fifth semester Master of Architecture I candidates.

First Year Building Project Workshop (2009-2020): preliminary examination of project delivery models, leadership models and decision-making process to support the M.Arch I design/build studio.

Issues in Contemporary Practice (2000-2013): reconstitution of a course originally taught by Paul Rudolph where invited experts address graduating semester students on issues of practice.

Research Issues in Practice (1993-1999): research seminar for graduating students designed to investigate specifics of practice and project management.

Architectural Project Management (1989-1998): elective course in basic principles of design project management, including contracts, compensation, schedules, legal and risk management, and project team coordination.

UNIVERSITY SERVICE (all at Yale University)

AI in the Arts Working Group, 2025-present

University Faculty AI Working Group, 2025-present

Provost's Advisory Task Forces on Artificial Intelligence, 2023-2024.

University Global Advisory Committee, 2023-2024.

Provost's Advisory Committee on Campus Space Usage, 2022-2024.

Provost's Advisory Committee for New Geospatial Solutions Center, 2022-present.

President's Search Committee for School of Art Dean, 2021.

Creative Practice in the Arts Provost's Advisory Committee (COVID-19 crisis), 2020.

Faculty Advisory Committee to the Poorvu Center for Teaching and Learning, 2018-2020.

Information Technology Services Advisory Committee to the Deputy Provost, 2017-2023.

Faculty Advisory Committee to the Center for Collaborative Arts and Media, 2017-2020.

BOOKS

Bernstein, P., (Second edition 2025, first edition 2022). Machine Learning: Architecture in the Age of Artificial Intelligence. London, RIBA Publishing.

Bernstein, P., (2018). Architecture | Design | Data: Practice Competency in the Era of Computation. Berlin, Germany, Birkhäuser.

Bernstein, P., D. Friedman, et al. (2015). Goat Rodeo: Practicing Built Environments. Minneapolis, Fried Fish Publishing.

Bernstein, P. and Deamer, P, Eds. (2011). BIM In Academia. New Haven, Yale School of Architecture.

Bernstein P. and Deamer, P., Eds. (2009). Building (In) The Future: Recasting Labor in Architecture. New York, Princeton Architectural Press.

CONTRIBUTED BOOK CHAPTERS AND JOURNAL ARTICLES

(Accepted; expected 2027). Bernstein, Phil. "Architectural Agency in an Era of Emergent Autonomy." Prologue to Routledge Companion to Autonomous Architecture. M. Kaanani, Ed. Routledge.

(2025). "Architectural Agency and Automated Intelligence." Artificial Intelligence and Architecture: From Research to Practice. S. Chailou, Ed. Berlin, Germany, Birkhäuser.

(2025). Gao, Tanhao, and Phillip Bernstein. "Physical Appearance Design Evaluation of Community Emotional Healing Installations Based on Analytic Hierarchy Process–Fuzzy Comprehensive Evaluation Method" *Buildings* 15, no. 5: 773. https://doi.org/10.3390/buildings15050773

(2025). "The Sum of Many Perceptions." Notes on Peter Eisenman: The Gradual Vanishing of Architecture. M. Schlabs, Ed. New Haven, Yale School of Architecture and Yale University Press.

(2025) "Mediating Agency and Collective Knowledge: Architecture Under Autonomous Algorithms." Technology | Architecture | Design. Routledge, London.

(2025). "Foreword to the 4th Edition." The BIM Handbook, 4th Edition. Sacks, Rafael et. al. London, Routledge.

(2023). “Autonomous Algorithmic Architects: Wicked Problems of Machine Learning in Architecture.” Architecture Design (AD): Architecture and Artificial Intelligence, Rise of A Paradigm. Del Campo, Matias, Editor. Hoboken, NJ, John S. Wiley & Sons.

(2023) “AI Time, Timing, and Timelessness.” The Plan Journal. Sabatini, M., Editor. Milan, CUBE Srl.

(2022). "Harnessing Artificial Intelligence to Design Healthy, Sustainable, and Equitable Places." With Greaves, M, McConnell, S., and Pearson, C. Computer Vol. 55, no. 2. IEEE publication.

(2021). “Canonical Models of Architecture.” Log 50: Model Behavior. Davidson, C., Editor. New York, Anyone Corporation.

(2020). “The Distractions of Disruptions: Technical Supply in the Era of Social Demand.” Architectural Design (AD): The Disruptors. Sheldon D., Editor. Hoboken, NJ, John S. Wiley & Sons.

(2019). “Professional Practice and the Performative Delivery of Architecture: Precision, Prediction, Value.” The Routledge Companion to Paradigms of Performativity in Design and Architecture: Using Time to Craft an Enduring, Resilient and Relevant Architecture. Kanaani, Mitra., Ed. Routledge, London.

(2018). “Working Simulations | Simulated Working.” Room 1000 (6). Spring, 2018. UC Berkeley College of Design, Berkeley, CA.

(2018). "The Omniscience and Dependency of Practice." Architecture Design (AD): Architecture and Freedom, Searching for Agency in a Changing World 88(03). O. Hopkins. March 2018. Hoboken, NJ, John S. Wiley & Sons.

(2018). “Letter to Graduates.” Lessons from the Future. Cramer, J., S. Simpson. London, Atlanta, Wren Editions.

(2017). Foreword. Integrating Project Delivery. M.Fischer et al. Hoboken, NJ, John Wiley & Sons.

(2017). “Contracts” OfficeUSManual. Franch I Gilabert, E. et. al. Ed. Zurich, Lars Müller Publishers.

(2017). “Sound Advice and Clear Drawings: Design and Computation in the Second Machine Age.” When Is the Digital in Architecture? A. Goodhouse. Berlin, Sternberg Press.

(2017). "Design Instruments of Service in the Era of Connection." Architectural Design (AD): Open-Source Architecture Digital Property 86(05). W.Fok, A. Picon. May 2017. Hoboken, NJ, John S. Wiley & Sons.

(2015). Bernstein, P., A. Deodhar “The Role of Building Information Modeling Green Architecture.” The Routledge Companion for Architecture Design and Practice: Established and Emerging Trends. M. Kanaani, D. Kopek. New York, Routledge, Taylor & Francis Group.

(2015). “Three Strategies for New Value Propositions for Practice.” The Architect as Worker: Immaterial Labor, The Creative Class, and the Politics of Design. P. Deamer. London, New York, Bloomsbury Academic.

(2015). “Parameter Value.” The Politics of Parametricism: Digital Technologies In Architecture. M. Poole, M. Shvartzerg. London, New York, Bloomsbury Academic.

(2014). Bernstein, P. and M. Jezyk “Models and Measurement: Changing Design Value with Simulation, Analysis and Outcomes.” Building Information Modeling: BIM in Current And Future Practice. K. Kensek, D. Noble. Hoboken, New Jersey, John Wiley & Sons.

(2014). “Money, Value, Architects, Building.” Perspecta 47: Money. J. Andrachuck, C. Bolos; A. Forman, M. Hooks. Cambridge, MA. MIT Press.

(2014). “Project Delivery Methods.” The Architect's Handbook of Professional Practice 15TH Edition. R. Hayes, American Institute of Architects. Hoboken, New Jersey, John S. Wiley & Sons.

(2014). “Emerging Issues in Project Delivery.” The Architect's Handbook of Professional Practice 15th Edition. R. Hayes and American Institute of Architects. Hoboken, New Jersey, John S. Wiley & Sons.

(2013). "Small Things at Large Scales." Volume: Is This Not a Pipe, 37:(3). New York, Archis.

(2012). “Intention to Artifact.” Digital Workflows in Architecture: Designing Design - Designing Assembly - Designing Industry. S. Marble. Basel, Birkhäuser.

Taylor, J. and. P. Bernstein (2009). “Implementing Digital Fabrication in Design, Fabrication, and Construction Project Networks.” GSAPP Handbook of Digital Fabrication. New York, Columbia University.

(2008). “Thinking versus Making: Remediating Design Practice in the Age of Digital Fabrication.” Manufacturing Material Effects: Rethinking Design and Making in Architecture. B. Kolarevic, K. Klinger. New York, Routledge.

(2008). “Project Delivery Methods.” The Architect's Handbook of Professional Practice 14th Edition. J. Demkin, American Institute of Architects. Hoboken, John S. Wiley & Sons.

(2008). “Scaling Practice: The Increasing Footprint of Architecture in the Digital Age.” Perspecta 40: Monster. M. . Guberman, J. Rosenberg. Cambridge, MA, MIT Press.

Taylor, J. and P. Bernstein (2008). "Paradigm Trajectories of Building Information Modeling Practice in Project Networks." ASCE Journal of Management and Engineering 25(2).

(2007). “Imagination and Building Beyond Tools.” Tools of the Imagination: Drawing Tools and Technologies from the Eighteenth Century to the Present. S. Piedmont-Palladino. New York, Princeton Architectural Press.

(2004). “Digital Representation and Process Change in the Building Industry.” Perspecta 35: Building Codes. E. Huge. Cambridge, MA, MIT Press.

(2001). “Project Delivery Methods.” The Architect's Handbook of Professional Practice 13th Edition. J. Demkin, American Institute of Architects. New York, John S. Wiley & Sons.

SELECTED ARTICLES AND PUBLICATIONS

(2025). “Artificial Intelligence, Agency, and Architecture.” Area. Milan, Italy.

(2025). “Instruments of Change.” AIA College of Fellows Journal. American Institute of Architects. Washington, DC.

(2024). “RIBA Horizon Scan: Technological Innovation.” Horizon Report. Royal Institute of British Architects. London.

(2023). “Autonomous Algorithmic Architects: Wicked Problems of Machine Learning in Architecture.” Archinect. 9 May 2023.

(2022). “How Marlon Blackwell’s Successful Lawsuit Sets the Standard for Design Copyright.” Architectural Record. August 2022

(2022). “Six Things Architects Should Know about Artificial Intelligence” RIBA Journal. July 2022.

(2022). “Are the Machines Coming for Architects?” Architype, the Digital Magazine of AIA Connecticut. May 2022.

(2020). “Reframing the Value Propositions of Building.” Design Intelligence Quarterly. 20 August 2020.

(2020). “Fast Forward: Architecture in 2031.” Architectural Record. August 2020.

(2020). “Ten Thoughts on the Future of the Practice.” The Architect’s Newspaper and Architectural Record. April 2020.

(2019). “The End of the Data Rainbow.” Architect. 12 November 2019.

(2019). “The Roots of Misalignment.” Architect. 15 October 2019.

(2019). “Moving the Building Industry to Alignment.” Architect. 28 October 2019.

(2019). “Inhibitors of Trust.” Architect. 30 September 2019.

(2019). “Transactional Incompatibility.” Architect. 16 September 2019.

(2018). “New Methods, New Results.” Architecture and Urbanism (A+U). December 2018.

(2018). “Why the Field of Architecture Needs a New Business Model.” Architectural Record. June 2018.

(2018). “Architectural Education is Changing: Let’s Hope the Profession Can Keep Up.” Common Edge. 22 January 2018.

(2017). "Haciendo lobby por el valor: un diálogo - Lobbying for Value—a Dialogue." ARQ 97 December 2017: 13.

(2017). “Bernstein on Betsky.” Architect. 04 October 2017.

(2016 to present). “Practice Matters” Column (published five times per year). The Architect's Newspaper.

(2016). “I Lost Both My Parents in The Past Two Years. Now Another Death: Our House Was Torn Down.” The Charlotte Observer. 14 April 2016.

(2016). “Licensure for Architects: A Worthy Debate?” Line Shape Space. 5 April 2016.

(2015). “Goodbye, Rush Hour. Hello, Autonomous Cars and a Future Without Any Traffic.” Line Shape Space. 15 January 2015.

(2015). "Gaining Traction." Construction Week. October 2015.

(2014). “BIM Means Big Change for GCC.” Middle East Architect. Dubai, IPT Business Publishing. Fall 2014.

(2014). “Why Today's Architects Build Digital Cities Instead of Scale Models.” Gizmodo. 03 October 2014

(2013). “Integrated Project Delivery for Worship Spaces.” Faith+Form. Washington, DC, Faith & Form. Spring 2013.

(2013). “3 Ways to Build Cities That Withstand Earthquakes And Superstorms.” Fast Company. 30 January 2013.

(2012). “Parametric Voices.” arcCA. California, McGraw-Hill Construction. 10.1: 2. October 2012.

(2011). “The Message in the Medium: Building Information Modeling.” Architecture Boston. Fall 2011.

(2011). "Construction News BIM Journal." Construction News. 15 December 2011.

(2010). “A Way Forward? Integrated Project Delivery.” Harvard Design Magazine. Spring/Summer 2010.

(2008). “Now What?” Architecture Boston. Boston, Boston Society of Architects. Fall 2008.

(2004). “Can Buildings Stay Important?” Chicago Tribune. Chicago, Tribune Publishing. 22 June 2004.

(2004). “Design, Process and the Ethical Obligations of the Architect.” AIA Connecticut Newsletter. New Haven, CT, AIA/CT. Spring 2004.

(2002). “The Digital Evolution of Practice in the 21st Century.” Design Intelligence Volume 172. Atlanta, GA, Greenway. 2002.

(1994). “Project Delivery Assessment Matrix.” AIArchitect. Washington, DC, AIA. November 1994.

(1994). “Executive Summary.” Cost, Time and Risk I - Austin Symposium. Austin, TX, American Institute of Architects.

(1988). “Award-Winning Ideas for Training in Practice.” Architecture. New York: 120-122. January 1988.

(1987). “Power Tools: Computer-Based Project Management Comes into its Own.” Architectural and Engineering Systems, Softek Communications: 19-20. 67-68.

(1986). “Computer-Based Project Management Systems.” PSMA Management Reports, PSMJ Resources.

(1986). “The Architectural Office as A Structured Resource.” Architectural Record. New York. January 1986.

SELECTED INTERVIEWS AND CITED ARTICLES

Okimoto, Akihiro. “Architectural Education in the Age of AI.” Architectural Institute of Information-Japan White Paper. October 2025.

Pedersen, Martin C. “Q & A:AI “Can’t Draw a Damn Floor Plan With Any Degree of Coherence.” Common Edge. 10 September 2025.

Malleson, Adrian and Oncescu, Cristian. “Learning from Horizon: relating global trends to the future of practice.” RIBA Journal. 10 July 2025.

Richards, Larry Wayne. “What Now? Acceleration and Imagination in Digital Space.” Canadian Architect. 1 April 2025.

Reidel, Jacob, Cristoferetti, Elizabeth and Garmisa, Greg. “Architects, Builders, and the Failed Promise of Deep Collaboration.” Harvard Design Magazine 52. Spring 2024.

Sisson, Patrick. “Is AI a Tool or a Taskmaster?” Architect. 2 October 2023

Barker, Nat. “Will architects really lose their jobs to AI?” Dezeen. 27 July 2023

Broome, Beth. “The New Frontier: What an AI-Infused Education Looks Like Today, and What It Could Mean for Architects Tomorrow.” Oculus. Summer 2024.

Scheiber, Noam. “Architects are the Latest White-Collar Workers to Confront Bosses.” The New York Times, 21 December 2021.

Weber, Lauren. “Tech Disruption Can Take Decades – Just Ask Architects.” The Wall Street Journal, 18 March 2020.

Hayes, M. K. (2018). “Interview with Professor Phillip Bernstein.” Architecture Ireland. December 2018.

Lau, W. (2018). “The Prophet: Phil Bernstein Envisions New Roles for Architects.” Architect. January 2018.

Vanette, D. (2016). “Recap: Susan S. Szenasy and Phil Bernstein on What Computing Technology Can and Can't Do.” Metropolis. January 2016.

Lau, W. (2016). “Innovation in Architecture Starts with the Perfect Pitch.” Architect. 26 May 2016.

Foote, J. (2016). “Working with BIM.” Architecture Now. 31 May 2016.

Frausto-Robleto, A. (2016). “Phil Bernstein on the Changing Role of the Architect.” Architosh. 17 April 2016.

Anzalone, P. (2016). “Exploring Design Data: An Interview with Phil Bernstein, FAIA.” Young Architect’s Forum Connection. 24 October 2016.

Saylor, J. B. (2015). "It Is Time for the Architecture Community to Stand with Artists and Activists to Improve the Labor Conditions in the Construction of Buildings Across the Developing World." The Architect's Newspaper. 27 August 2015.

Shapiro, G. F. (2014). “Setting a Standard in Building Information Technology.” Architect. May 2014.

Ortlieb, P. (2014). “Architecture Symposium Explores Role of Technology.” Yale Daily News. 08: 1. 26 February 2014.

Lau, W. (2012). “Phillip G. Bernstein on the Future of Design.” Architect. 02 July 2012.

Deutsch, R. (2011). BIM And Integrated Design: Strategies for Architectural Practice. Hoboken, NJ, John S. Wiley & Sons.

Asia, Channel News (2011). “Asia Business Tonight Phil Bernstein interview.” Asia Business Tonight. Singapore. 11 July 2011.

Brandt, R., G. Chong, M. Martin (2010). ‘Bernstein Interview” in Design Informed: Driving Innovation with Evidence-Based Design. Hoboken, John Wiley & Sons.

Schmidt, J. (2009). “Silicon Valley Banks on 'Clean Tech' and Solar Power.” USA Today. 22 December 2009.

Lebarre, S. (2009). “The New Tools.” Metropolis. New York City, Metropolis. 11.2009: 8 November 2009.

Tynauer, M. (2008). “Industrial Revolution, Take Two.” Vanity Fair. New York, Vanity Fair: 142-154. May 2008.

Economist Technology Quarterly. (2004). The Rise of the Green Building.” The Economist. London. 4 December 2004.

Frangos, A. (2004). “New Dimensions in Design.” Wall Street Journal. New York City, WSJ. CCXLLV No. 4. 07 July 2004.

Ward, J. (2002). “Resistance is Futile.” Architecture. April 2002.

Green, R. (1988). “Architectural Education: Bridging the Student/Practitioner Gap.” The Construction Specifier. May 1988.

SELECTED LECTURES, CONFERENCES AND SYMPOSIA

(2026, scheduled). “Scales of Intelligence: Competency, Judgement, and Responsibility in the Age of AI.” Keynote, Texas A&M College of Architecture AI Symposium. College Station, TX. 5 October 2026.

(2026). “Who Builds Your Design? Forced Labor in Today’s Construction Industry.” Keynote with Amb. (Ret.) Lou deBaca. AIA North Carolina. Asheville, NC. 14 September 2026.

(2026). “Scales of Intelligence: Competency, Judgment, and Responsibility in the Age of AI.” Keynote, International Built Environment Week. Singapore. 2 September 2026.

(2025). “Who Builds Your Design? Forced Labor in Today’s Construction Industry.” With Amb. (Ret.) Luis C. deBaca. AIA Michigan Archifusion Conference. Detroit, MI. 16 October 2025.

(2025) “Future Business of Architecture – Technologic Directions.” Royal Institute of Architects Online Global Symposium. 8 October 2025.

(2025). “Architecture and Machine Intelligence in Theory and Practice.” AIA Michigan Mid-Summer Conference. Mackinac Island, Michigan. 9 August 2025.

(2025). “Collective Intelligence and Mediated Agency: Creating the Built Environment in the Era of Machine Intelligence.” International Conference on Structures and Architecture. Antwerp, Belgium. 10 July 2025

(2025) “Future of Architectural Education.” American Institute of Architects A’25 Annual Conference. Boston MA. 4 June 2025.

(2025). “Mediated Agency and Collective Intelligence: Architecture in the Era of AI” Lean Construction Institute Design Forum. Chicago, IL. 1 May 2025.

(2025). “Implications of AI for the Building Industry” Experts Panel. American Bar Association College of Construction Attorneys Annual Meeting. St. Petersburg, FL. 14 February 2025.

(2024). “Advancing AEC Supply Chain Equity: Myth or Mandate?” BOND|US presentation to firm principals, with B. Faircloth (Cornell). San Antonio, TX., to be presented 24 November 2024.

(2024). “Who is the Architect? Understanding Professional Agency in the Emergent Era of AI.” Ball State University Estopinal School of Architecture and Planning Lecture Series. Muncie, IN., 19 September 2024.

(2024). “Automation, Autonomy and Architecture: Design and Construction in an Era of AI.” AIA Florida Convention, Palm Beach, FL. 19 July 2024.

(2024). “RIBA Horizons 2034: Technological Innovation.” Royal Institute of British Architects (online), July 2024.

(2024). “The Overwhelming, Unintelligible, Meaningless Mess: Will AI Make Sense of Digital Design?” American Institute of Architects, Technology in Practice Symposium. Washington, DC. 6 June 2024.

(2024). “Artificial Architectural Intelligence: AEC Augmented or Obliterated?” University Design Forum of Scotland.

Online, 5 June 2024.

(2024). “Generative Urban Design and Operation: Building and Managing the City of Data.” Arizona State University Smart Cities Conference, Phoenix, AZ. 25 March 2024.

(2024). “Artificial Architectural Intelligence: Augmentation or Elimination?” Wentworth Institute of Technology. Boston, MA. 13 March 2024.

(2023). “NCARB Futures Symposium – Artificial Intelligence.” National Council of Architectural Registration Boards, Washington, DC. 7 December 2023.

(2023). “Blueprints of Beagles: Will Artificial Intelligence Drive Lean Design and Construction?” Design Forum of the Lean Construction Institute, Chicago, IL. November 2023.

(2023). “Design Build Meets Artificial Intelligence.” Design Build Institute of America National Conference, Washington DC. 31 October, 2023.

(2023). “Machine Intelligence, Design Practice: Dangers and Opportunities for the Profession.” American Institute of Architects Board of Directors, Strategic Council. Online presentation, 23 September 2023.

(2023). “Transformative Events in Architecture.” American Bar Association College of Construction Attorneys Annual Meeting, Vancouver BC.

(2022). “Machine Learning and Artificial Intelligence: Opportunities and Threats for Design Practice.” Taubman College of Architecture and Planning Symposium “Neural Architecture,” University of Michigan.

(2022). “Machine Intelligence and Practice Futures: Architects, AI, and Agency.” Bartlett School of Architecture at University College London.

(2022). “Next Generation Technologies and the Future of Practice.” Fay Jones School of Architecture+Design, University of Arkansas.

(2022). “New Value Propositions for Practice: Models and Strategies for Innovation.” AIA National Conference 2022 Practice Management Knowledge Community.

(2021). “Building Digital Technology: What’s Beyond BIM?” Association of General Contractors of Missouri Annual Conference, Keynote. (online).

(2021). Keynote Panel, AIA National Convention (online).

(2021). “Commodity Services versus Outcome-based Delivery: Technologically Transfigured Business Strategies for Design. Largest Architectural Firms in the Global Scenario / University of Florence.

(2021). “Thriving through Challenging Times.” AIA Houston.

(2021). “Building a Recession-Proof Practice.” Autodesk India.

(2021). “Innovation versus Integration: Can Technology Really Change the Business of Building?” PSMJ Thrive.

(2021). “Design and Delivery in an Era of Machine Intelligence.” Construction IT Alliance of Ireland.

(2020). “Architecture Design Data: Book Talk.” AIA Washington DC. Washington, DC.

(2019). “Digital Disruption: Surviving Risks, Reaping Rewards.” Architectural Record Innovation Conference. New York, NY.

(2019). "The Unrealized Value of Architecture." The Architectural League Practice Roundtable. New York, NY.

(2019). "Old Wine in New Bottles: How Design Technology Must Change the Business of Architecture." Lecture at the Fay Jones School of Architecture and Design, University of Arkansas. Fayetteville, AK.

(2018). "Conference Keynote: The Future of Making Things (Happen): New Value Propositions for Practice." Annual Conference of the Royal Institute of Irish Architects. Dublin, Ireland.

(2018). "Design build manage: History, barriers, opportunity." United Nations Habitat Conference on Technology, Sustainability and the Urban Environment. UN Headquarters, New York, NY.

(2018). "Technology, Project Delivery and the Agency of the Architect." Workshop series for the American Institute of Architects, Connecticut Chapter. New Haven, CT.

(2018). "The Future of Making Things: Design and Delivery Innovation in the Digital Age." American Institute of Architecture Project Delivery Symposium. Washington, DC.

(2018). "Examining New Value Propositions for Design Firms/Services." AIA Large Firm Roundtable Chief Financial Officers Forum. New York, NY.

(2018). "Technology and Pedagogy in the Digital Age." 2018 Annual Meeting of the Associated Collegiate Schools of Architecture (ACSA). Denver, CO.

(2018). "Commodity Exchange | Outcome Delivery." Rebuilding Architecture Symposium. Yale School of Architecture. New Haven, CT.

(2017). "Collaborative Design Futures: Virtual Reality / Augmented Reality / Artificial Intelligence." AIA Large Firm Roundtable CEO Symposium. San Francisco, CA.

(2017). "Design and Delivery Innovation in the Digital Age." A|E Advisors Annual AEC CEO Forum. Scottsdale, AZ.

(2017). "Design Practice in the Era of Connected Technology." BVN Futures Forum. Sydney, Australia.

(2017). "Connected BIM: The Future of Technology in Design and Construction." 2017 BIM Standards Development Symposium for China Ministry of Housing and Urban-Rural Development (MOHURD). Beijing, China.

(2017). "The Future of Making Things: AEC Productivity in the Era of Connection." Singapore Construction Productivity Week, Singapore Building Construction Authority. Singapore.

(2017). "Global BIM Standards: Trends, Best Practices and Futures." 2017 Government BIM Symposium Singapore, Singapore, Singapore Building Construction Authority International BIM Standards Workshop. Singapore.

(2017). "Vertical | Horizontal: Industry Predictions." AEC Entrepreneurship Symposium, Georgia Institute of Technology, Atlanta, GA.

(2017). "The Future of Making Buildings: Technology and Project Delivery." AIA Jacksonville. Jacksonville, FL.

(2017). "The Future of Project Delivery in the Digital Age." Advancing Project Delivery, AIA Cincinnati. Cincinnati, OH.

(2017). "Technology and Practice Futures." Leadership Summit on Design Innovation & Technology, Design Futures Council. La Jolla, CA.

(2016). "The Future of Making Things: Design and Computation in the Second Machine Age." ACSA Administrator's Conference. Chicago, IL.

(2016). "Connecting to Culture - Panel Discussion." AIA/Students FORUM Conference. Boston, MA.

(2016). "Design Computation and Methodology." Autodesk University Design Computation Symposium. Las Vegas, NV.

(2016). "Future of Construction." Council on Tall Buildings and Urban Habitat/NYC Future of Construction Event. New York. NY.

(2016). "The Impact of Technology on Practice." Harvard GSD Lecture in "Issues in Architectural Practice and Ethics." Cambridge, MA.

(2016). "BIM Futures: China." Government BIM Symposium for MOHURD. Beijing, China.

(2016). "Sound Advice and Clear Drawings: Design and Computation in the Second Machine Age." Archaeology of the Digital Lecture Series, Canadian Centre for Architecture. Montreal, Quebec, Canada.

(2016). "The Evolution of the Architect in the Era of Connection." AIA 2016 National Convention. Philadelphia, PA.

(2016). "Form Forgets Function: Design Computation Moves from Appearance to Performance." SmartGeometry Conference. Gothenburg, Sweden.

(2015). "Moment of Impact." TEDxYale. New Haven, CT.

(2015). "The Future of Making Buildings." AIA 2015 National Convention. Atlanta, GA.

(2014). "Practicing Built Environments: Digital Disruption, Value, and the Next Generation of Practitioners." Association of Collegiate Schools of Architecture 2014 Annual Meeting. Miami, FL.

(2014). "Seven Building Industry Trends: Implications for Builders in the Future." Association of General Contractors Massachusetts Annual Meeting. Watch Hill, RI.

(2014). "Smart Buildings, Cities + Nations Through Building Information Modeling." Singapore Building Construction Authority Government BIM Symposium, Singapore.

(2014). "Next Era BIM: Defining the Future of How Buildings Are Made." AIA 2014 National Convention. Chicago, IL.

(2014). "Manipulation, Models, Making: Digital Intent to Execution via BIM." Digital Post-Modernities: From Calculus to Computation Symposium. Yale School of Architecture, New Haven, CT.

(2013). "Keynote: Beyond BIM and IPD: Speculations on Implications of Technology for Future Practice." Practice and Technology Symposium. AIA Charlotte UNC Charlotte School of Architecture. Charlotte, NC.

(2013). "Keynote: Top Ten Futures for Building Information Modeling." Singapore Building Construction Authority Construction Week 2013. Singapore.

(2012). "Integrated Approaches to Sustainable Building Through Digital Technology." India Green Building Council Conference. Hyderabad, India.

(2012). "Keynote: BIM Progress Report." National BIM Conference. London, UK.

(2011). "IPD: Evolution, Opportunities & Challenges for the Public Sector." Public Architects Forum at the AIA 2011 National Convention. Washington, DC.

(2011). "Keynote: The Future of Practice." AIA/Students 2011 National Meeting. Washington, DC.

(2011). "Building Intelligence Project NY Think Tank." Columbia GSAPP. New York, NY.

(2011). "Building Information Modeling." UIA World Congress of Architecture. Tokyo, Japan.

(2011). "Integrated Project Delivery Models." Harvard Business School Executive Education Project Delivery Workshop. Cambridge, MA.

(2011). "BIM Among Enemies." BIMForum. Chicago, IL.

(2011). "Keynote: Building Information Modeling Industry Demands and Opportunities." Inspiration Brazil 2011 Conference. Sao Paolo, Brazil.

(2010). "Leading by Example in Sustainable Buildings." White House Clean Energy Economy Forum. White House Council on Environmental Quality. Washington, DC.

(2010). "Integrated Practice in the Curriculum." ACSA Annual Meeting. New Orleans, LA.

(2010). "Keynote: Opportunities and Possibilities in Project Delivery and Owner Outcome Improvements." University of Cincinnati BIM Symposium. Cincinnati, OH.

(2009). "Integrated Project Delivery Preamble." Harvard Symposium on Integrated Project Delivery. Cambridge, MA.

(2009). "Keynote Address: Green Building Simulation and BIM." Greenbuild 2009. Chicago, IL.

(2005). "Fast Architecture: Lessons from Leading Architects." AIA National Convention 2005. Las Vegas, NV.

(2004). "Fast Architecture" and "Driving Your Business with AIA Contract Documents." AIA National Convention 2004. Chicago, IL.

(2003). "Building Lifecycle Management: New Trends in Building and Technology." Harvard Center for Informatics Symposium. Cambridge, MA.

(2003). "Keynote Address." A/E/C Systems Symposium. Tokyo, Japan.

(2002). "Process Impacts on Digital Tools + Architecture." San Francisco Museum of Modern Art lecture. San Francisco, CA.

(2000). "Negotiating International Contracts." AIA National Convention 2000. Philadelphia, PA.

(1999). "Technology and Design Practice." AIA New England Regional Conference. New Haven, CT.

(1999). "Designing the Project Schedule: Principles and Tools." AIA National Convention 1999. Washington, DC.

(1998) "AIA Document B641/Standard Agreement for International Practice" and "Practice Management Interest Area Keynote, Practice Challenges." AIA National Convention 1998. Dallas, TX.

(1997). "Technology and Design Practice." AIA National Convention 1997. San Francisco, CA.

(1997). "Advanced Fee Development." AIA Connecticut Continuing Education Series. New Haven, CT.

(1996). "Changes in Architectural Delivery Methods." Build Boston 1996 (with C. Heuer). Boston, MA.

(1994-1997). "Design Process Constituencies; Evolving Project Delivery Paradigms; Leadership in Design Practice; Changing Frameworks in Technology: Visualization and Collaboration." AIA/ACSA Practice Education Summer Institute. Santa Fe, NM.

(1994). "Cost, Time and Risk." AIA National Convention 1994. Los Angeles, CA.

(1993). "Large Hub Airport Design Project Perspectives/Case Studies." American Association of Airport Executives Terminal Design and Construction Workshop. Pittsburgh, PA.

(1985). "The Architect's Office as a Structured Resource." AIA National Convention 1985. San Francisco, CA.

End of Curriculum Vitae – updated 19 September 2026