

Randy Deutsch FAIA, LEED AP

Clinical Associate Professor

Fmr Associate Director for Graduate Studies (2016 until 2019)

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PERSONAL HISTORY AND PROFESSIONAL EXPERIENCE

Educational Background

University of Illinois at Urbana-Champaign; Bachelor of Science in Architecture, 1983.

North Carolina State University; Master of Architecture, Minor in Rhetoric, 1985.

List of Academic Positions since Final Degree

2001-2007 Adjunct Associate Professor, School of Architecture, College of Architecture and the Arts, University of Illinois at Chicago.

2011-2012 Lecturer, assisted in establishing executive degree program in Executive Management for Design and Construction, McCormick School of Engineering, Northwestern University.

2012 Instructor, Harvard Graduate School of Design (GSD) Executive Education, *The Strategic Agenda: Securing the Future*, with Paul Nakazawa

2012-2013 Visiting Associate Professor, School of Architecture, University of Illinois at Urbana-Champaign.

2013-2016 Associate Professor, School of Architecture, University of Illinois at Urbana-Champaign.

2016-Present Clinical Associate Professor, School of Architecture, University of Illinois at Urbana-Champaign.

2016 up to 2019 Associate Director for Graduate Studies, University of Illinois at Urbana-Champaign.

2013-2016 Instructor, Harvard Graduate School of Design (GSD) Executive Education, Harvard University, Cambridge, MA, *BIM: Lessons in Leadership*, with Phil Bernstein FAIA, Associate Dean/Senior Lecturer, Yale University.

Other Professional Employment

1985-1986 Design Architect, CUH2A, Princeton, New Jersey.

1986-1989 Design Architect, KSS Architects, Princeton, New Jersey.

1989-1996 Associate/Design Architect, LOHAN Associates, Chicago, Illinois.

1996-1998 Associate/Senior Designer, JORDAN MOZER Associates, Chicago, Illinois.

1998-2001 Associate/Senior Designer, LUCIEN LAGRANGE Architects, Chicago, Illinois.

2001-2005 President/Principal, DEUTSCHWRX Inc (design), Winnetka, Illinois.

2005-2010 Associate Principal/Senior Designer, Fitzgerald Associates, Chicago, Illinois.

1998-Present Co-Owner, DEUTSCH INSIGHTS Inc (consulting), Winnetka, Illinois.

2014-2015 Technology Advisor, DesignIntelligence, Greenway Group, Design Futures Council.

2019-2020 Advisor, Design Futures Council Australia.

Honors, Recognitions, and Outstanding Achievements

1985 National Trust for Historic Preservation, 1st Place Team, NC State University School of Design, proposed restoration of historic train station, Baltimore MD, as Senior Designer/Architect.

1999 Young Architect Award – Recognizing excellence in ability and exceptional contributions by a Chicago area architect between the ages of twenty-five and thirty-nine – American Institute of Architects, Chicago Chapter, administered by the American Institute of Architects Chicago Foundation.

1999 American Institute of Architects Distinguished Building Award, Citation of Merit, AIA Chicago, Chicago Sinai Temple, Chicago, Illinois, Role: Competition Team: Design Architect. As Built: Project Architect.

2002 Chicago Building Congress, Merit Award, 175 West Jackson, Chicago, Illinois, Role: Senior Designer, as Senior Designer/Architect.

2005 Precast Concrete Institute, Best Multi-Family Building, 840 North Lake Shore Drive, Chicago, Illinois, Role: Senior Designer.

2007 Urban Land Institute Chicago Chapter Community Vision Award, Park Boulevard, Chicago, Illinois, Role: Senior Designer.

2009 International Council of Shopping Centers Future Image Award, “Green” Category, Wilson Yard, Fitzgerald Associates, Chicago, Illinois, Role: Senior Designer.

2011 Chicago Neighborhood Development Awards (CNDA,) Outstanding Neighborhood Real Estate Project Award, Wilson Yard, Chicago, Illinois, Role: Senior Designer.

2018 Invited to lecture and serve as NCARB 2018 Inaugural Professional Practice Scholar, to present in Washington DC, August 2-4, 2018. Nomination letters from Jeffrey Poss FAIA, and four former and current students <http://bit.ly/2F6HX4H>

2019-Present, University of Arizona President's Inaugural Futures Council, University of Arizona College of Architecture, Planning and Landscape Architecture (CAPLA), 12-member advisory group formed as part of CAPLA's strategic planning efforts

Named Design Futures Council (DFC) Senior Fellow, Oct 2020 <https://bit.ly/3wNYCFw>

Elevated to College of Fellows of the American Institute of Architects 2020
<https://news.illinois.edu/view/6367/806986>

AIA Fellowship Investiture, Kennedy Center for the Performing Arts, Washington DC, Dec 8, 2021

Named 2020 #1 influencer Construction Sustainability (100/100 score) DesignBuild Magazine <https://bit.ly/3g1wuZw>

Randy's book, Superusers, listed by Book Authority as one of the top 100 all time Future of Technology books, 2020, 2021 <https://bit.ly/3mASpry>

External evaluator, AI book by Neil Leach, Daniel Bolojan, Wanyu He, Theodoros Galanos, Learning from AlphaGo: How AI will Transform Architecture, Taylor & Francis/Routledge, 2022

Architect & author Neil Leach discusses and supports the vision put forth in Randy's 2019 book, Superusers as representing the future of practice in Chapter 6 of his 2021 book, Architecture in the Age of Artificial Intelligence: An Introduction to AI for Architects <https://amzn.to/3tUmVIn>

Invited Lectures and Invited Conference Presentations

2010 Deutsch, Randall S, *BIM, IPD and the Economy*, American Institute of Architects Ohio, General Session Speaker.

2012 "Technology Trends," *The Strategic Agenda: Securing the Future*, Harvard Graduate School of Design (GSD) Executive Education, Cambridge, MA.

2013 "107 Ways Architects Make a Difference Through Architecture," Keynote, American Institute of Architects Illinois. Peoria, Illinois. <http://bit.ly/MR99sC>

2013 "Through Architecture We Bridge Gaps By Embracing Change," American Institute of Architects Illinois, Peoria, Illinois.

2013-2014 "BIM: Lessons in Leadership," Harvard Graduate School of Design (GSD), Executive Education seminar, Harvard University. <http://bit.ly/1qtwBei>

2014 "The Relevance of Architecture in Today's World," American Institute of Architects Nebraska, Keynote, Lincoln, Nebraska. <http://bit.ly/1pebu0l>

2014 "Data Driven Design," AEC Technology Symposium, Panel Moderator, The Cooper Union, New York, New York. <http://bit.ly/1hBHeV>

2014 "AEC's Big Data Problem," AEC Technology Symposium, The Cooper Union, New York, New York. <http://bit.ly/1hBHeV>

2015 “The 7-Year Career,” TEDx Talk, TEDxUIUC 2015, At Crossroads, Champaign, IL.
Presentation transcript: <http://linkd.in/1Jaue59>

2015 “The Data on Data-Centric Practices,” Knowledge Architecture, KA Connect 2015, San Francisco, CA.

2016, *Big Data and the Built Environment* workshop, Ryerson University, Toronto, Canada

2016, *BIM in a Time of Simultaneity, Superintegration and Convergence*, University of Southern California (USC) BIM Symposium

2016, *21st Century Skillsets: Assuring Architects and Emerging Professionals Stay Ahead*, 2016 AIA Convention, Philadelphia, PA

2017 *TECHNOLOGY: What’s Next & How to Like it, Forefront Symposium, Beyond Parallels and Gaps: Seeking Intersections for Industry, Practice, and Education*, Illini Center, Chicago, IL, March 30, 2017 <https://bit.ly/2H0WnUY>

2017 Keynote speaker, Convegno Internazionale, ISTeA 2017, Re-shaping the Construction Industry, Palazzo Medici Riccardi, Firenze, Italy 14 e 15 Settembre, 2017

2017 *The Life-Changing Magic of Converging Technologies*, AEC Tech Symposium and Hackathon 2017, New York, New York, October 20, 2017 <https://linkd.in/euwVc48>

2018 *The Advent of the Augmented Architect, Learning from Machine Learning, Embracing and Capitalizing on AI*, The Future of Design, Building Connections Congress 2018, AIA TAP, Washington DC, January 8, 2018

2018 *Toward an Augmented Architect*, Design Futures Council Leadership Summit on Design Innovation & Technology 2018, La Jolla, CA, January 17, 2018 <http://bit.ly/2CrwNin>

2018 Panel with ARUP, Amazon & the CIA, Design Futures Council Leadership Summit on Design Innovation & Technology 2018, La Jolla, CA, January 17, 2018

2018 The Making, Breaking and Fixing of Computational Design Superusers, SFDUG, AIA San Francisco, CA, April 18, 2018

2018 Design Colloquium, Exploring the Future for Architects, Engineers and Designers, Presidio Officer’s Club, Lecture, San Francisco, CA, April 19-20, 2018 <http://designcolloquium.com>

2018 Design Colloquium, Exploring the Future for Architects, Engineers and Designers, Presidio Officer’s Club, Panel with Craig Curtis FAIA, President, Kattera, San Francisco, CA, April 19-20, 2018 <http://designcolloquium.com>

2018 “Laying Out the Roadmap for the Growth of Computation & Emergence of Artificial Intelligence in Architecture: When Do We All Lose Our Jobs?” 2nd Annual Advancing Computational Building Design Conference, New York, July 24-25, 2018 <http://advancing-computational-design.com>

2018 Invited by Javier Rodríguez Ejerique to serve on Qualicer 2018 Congress panel, Valencia, Spain, February 8-11, 2018 (unable to participate)

2018 “Innovation, New Technology and Best Practices,” Presentation to the Illinois Capital Development Board (CDB) Strategy Meeting, December 18, 2018, Urbana, IL

2018 Led workshop, Global Design Alliance event, Dallas, TX hosted by the Beck Group, Dallas, TX

2018 Led workshop, Holmes Structures strategic event, San Francisco, CA

2019 Chaired, facilitated, moderated panels and presented at Advancing Computational Building Design (ACBD) Conference

2019 “Architects as Superusers in Offsite Construction,” workshop on offsite construction with Katerra at the MADE Expo Trade Fair in Milan, Italy. <http://www.madeexpo.it/en/>

2019 “AI in Architecture,” Università degli Studi di Brescia, Italy. Invited by Prof. Arch. Angelo Ciribini PhD angelo.ciribini@unibs.it

2019 Australia | Leadership Summit on Applied Innovation and Technology – First Movers, with Katerra, UBER & Hyperloop, Design Futures Council (DFC) Leadership Summit on Technology, Automotive Club, Sydney, Australia <https://bit.ly/2JWNkcO>

2019 Leaders in Computational Design Leaders Luncheon, Invited presentation at Design Futures Council (DFC) Leadership Summit on Technology, Automotive Club, Sydney, Australia

2019 “Superusers and the Future of Practice,” Invited presentation at Design Futures Council (DFC) Transcend Sydney, Sydney, Australia <https://bit.ly/2JXASJy>

2019 “Superusers and the Future of Practice,” Invited presentation at Design Futures Council (DFC) Transcend Melbourne, Melbourne, Australia <https://bit.ly/2JXASJy>

2019 “Superusers and the Future of Practice,” Invited presentation at Design Futures Council (DFC) Transcend Brisbane, Brisbane, Australia <https://bit.ly/2JXASJy>

2019 Invited Guest Speaker, Bridge Mentoring program, AIA Chicago, Oct 15, 2019

2019 Workshop at the CO Architects’ leadership retreat, Luskin Conference Center UCLA, Los Angeles, CA

2019 Workshop at the AEI Engineers’ leadership strategy meeting, Chicago, IL

2019 Conference Chair, 3rd Annual Advancing Computational Building Design Conference, Chicago, IL <http://advancing-computational-design.com>

2019 Engaging Peers with Computation & Demystifying Its Functionality & Potential to Encourage Firm-Wide Building of Skills, 3rd Annual Advancing Computational Building Design Conference, Chicago, IL <https://bit.ly/2WdiRxs>

2019 Invited keynote NCARB Licensing Advisors Summit, Minneapolis, MN August 1-3 <https://bit.ly/2WILt83>

2019 Invited to keynote WDBE 2019 (World Summit on the Digital Built Environment), Learning from Superusers: What to Expect in the Year Ahead and Beyond, with Google / Sidewalk Labs, Zaha Hadid Architects, Amazon, and Microsoft, in Helsinki, Finland https://lnkd.in/eC2t_Zn

2019 Led workshop, Shepley Bulfinch, Annual Meeting, Boston MA

2019 Led workshop, ZGF Architects, Partners Meeting, Washington DC

2020 Invited keynote & roundtable with C-suite, Gresham Smith, Nashville, TN

2020 Invited Presenter, Speaker, Panelist, Leadership Summit on the Future of the Industry, DesignIntelligence, Design Futures Council, Atlanta, GA (cancelled)

2020 Invited lecture, Where is Technology Taking Us and Do We Have to Go? Sponsored by Hideo Sasaki Foundation at Sasaki, Boston, MA <https://bit.ly/2VMBZkE>

2020 Invited to lecture, serve on a panel at European BIM Summit 2020 in Barcelona, Spain May 28-29, 2020 <https://europeanbimsummit.com/en/speaker/randy-deutsch/>

2020 Invited keynote, SPAR 3D + AEC Next Conference & Expo, June 3-5, 2020 | McCormick Place | Chicago, IL <https://www.aecnext.com/keynotes/>

2020 Invited lecture, FR106: How AI, Automation and Autonomous Design Will Impact Your Firm, AIA Conference on Architecture 2020 in Los Angeles, CA (postponed due to pandemic)

2020 Invited lecture, Where is Technology Taking Us and Do We Have to Go? April 16, 2020 sponsored by Hideo Sasaki Foundation (HSF) at Sasaki near Boston MA (postponed due to pandemic)

2020 Invited lecture, workshop CBT Architects, April 17, 2020, Boston, MA (postponed due to pandemic)

2020 Invited speaker, AI4AEC Colloquium, Stanford University, CIFE, connecting my reflections on the Colloquium with the key thesis of my 2019 book, Superusers, August 26, 2020

2020 Fellows Presentation, AIA Chicago bridge 11.0 discussion session, October 2020

2020 Presented to the members of AIA INDIANA June 26, 2020 on Diversity, Equity, Inclusion

2020 Presented to Australia Institute of Architects (AIA), Sydney, Australia November 11 2020

2020 Invited panelist, Conectate Arquitectura panel discussion, September 17, 2020

2020 TRXL Podcast Ep 004: 'What Else You Got?' June 29, 2020 <https://www.trxl.co/podcast/004>

2021 Invited keynote, Georgia Tech School of Architecture, College of Design, SIGraDi 2021 Ubiquitous Conference, invited Keynote at Georgia Institute of Technology School of Architecture, Iberoamerican Society of Digital Graphics, Reinsch-Pierce Family Auditorium 245 Fourth St NW, topic, November 10, 2021

<https://www.sigradi.org/sigradi2021/keynotes/> & <https://arch.gatech.edu/sigradi-2021-keynote-randy-deutsch>

2021 Invited keynote, PERKINS+WILL first-ever invited keynote, Augmenting Intelligence: Empowering the Architect Into the Future, demonstrating how AI helps to improve the making of buildings by leveraging emerging technologies and explore the role AI will play in contributing to more productive and successful businesses and careers, April 13, 2021 <https://events.perkinswill.com/augmentingintelligence>

2021 Invited keynote, Information Intermediaries: Data and Our Value Proposition, Congreso Internacional BIM Forum Chile 2021, Las Condes, Santiago, August. 11, 2021 <https://bimforum.cl/cibfch2021/>

2021 Invited panelist, Panel discussion with Oliver Thomas of BIG, BIM Forum Chile 2021 International Congress, August 11, 2021

2021 Invited presenter, AI In AEC Conference 2021 International Conference on AI in AEC, Helsinki, Finland, virtual conference, HOW AI AUTOMATION AND AUTONOMOUS DESIGN WILL IMPACT YOUR TEAM, FIRM, PROFESSION, INDUSTRY AND THE BUILT ENVIRONMENT <https://www.ril.fi/en/events/ai-in-aec-2021.html>

2021 Business of Architecture, London, UK Podcast with Rion Willard March 16, 2021 <https://podcasts.apple.com/us/podcast/business-of-architecture-uk-podcast/id1377750226>

2021 Invited presenter, Subsist or Persist: How to Adapt as an Architect, RIBA Academy CPD, London, UK, 25 April, 2021

2021 Invited keynote, The explore—exploit tradeoff, AI in Design Workshop, Institute for AI in Construction, August 5, 2021

2021 Deutsch and Barbara White Bryson Book Launch, Tucson, AZ, April 21, 2021

2021 Invited guest, Bryden Wood podcast, Superusers and the future of architectural practice, interviewed by Jaimie Johnston, Board Director and Head of Global Systems at Bryden Wood, London, UK <https://www.brydenwood.co.uk/randydeutsch/s113479/>

2021 Monograph Best Practice Webinar with George Valdes 2021 about adaptability and education for architects in a world of automation and commoditization. <https://monograph.io/webinars/best-practice-randy-deutsch>

2021 Co-organizer/co-host/symposium facilitator for the BLDG PERFORMANCE SYMPOSIUM: The Future of Architectural Technologies, April 2, 2021 Illinois School of Architecture <https://arch.illinois.edu/about-us/events/the-future-of-architectural-technologies/>

2021 Invited keynote, Education + Practice: A symbiotic relationship? An architect responds, by invitation of The Registration Body for Architects (RIAI), Dublin Castle, Ireland, September 29, 2021

2021 Invited presentation, Superusers & The Rise of Artificial Intelligence in Architecture, Arcadis, London, UK, September 30, 2021

2021 Invited podcast guest with Oliver Thomas of Bjarke Ingles Group (BIG), Clubhouse live, August 22, 2021

2021 Invited keynote, University of Arizona CAPLA: How to Dress for a Perfect Storm: 10 Questions We Ought to Ask Ourselves Now, October 25, 2021

2021 Invited keynote, AIA NY, Computational Thinking, Center for Architecture, FutureNow event at the Center for Architecture, 536 LaGuardia Place, New York, November 6, 2021

2021 BuiltWorlds Construction Tech Moderate fireside chat at Conference, Oakbrook, IL July 8, 2021

2022 Inaugural invited presentation, AIA International, on Mentoring the Next Generation of Architects, March 31, 2022

2022 Invited keynote, Computational Thinking & the Future of Practice, SOM Research & Innovation Community with SOM Partners, February 3, 2022

Offices Held in Professional Societies

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| 1995-1996 | Executive Board, Holocaust Education Foundation (HEF) |
| 1996-1999 | Director, American Institute of Architects Chicago (AIA) |
| 1996-2000 | Executive Board, American Institute of Architects Chicago (AIA) |
| 1997-1998 | Board of Directors, Chicago Architectural Club (CAC) |
| 2009 | Delegate, Design Futures Council (DFC) |
| 2011-2012 | AIA National Center for Integrated Practice Leadership Group (CIPLG) |
| 1999-2000 | Vice President, American Institute of Architects Chicago (AIA)
Appointed Member of American Institute of Architects National Technology in Architectural Practice Innovation Awards Jury (AIA TAP). |
| 2016-2017 | Invited to serve as NIBS buildingSMART Alliance as Special Advisor |
| 2016-2017 | Invited to serve as SME in BIM for the 100-year old BRE Research Group, London, England |

Grants Received since Last Promotion at UIUC

College of Fine and Applied Arts Special Grant fund, 2013

UIUC College of Fine and Applied Arts (FAA) Creative Research Award for future research in Convergence in Contemporary Practice, 2014.

UIUC Engineering Strategic Instructional Initiatives Program (SIIP), James Michael Leake, Liang Y Liu, Nora El-Gohary, Randall Deutsch, Brent Daniel Young, 2013-2014, \$65,000.

Part of team awarded \$500,000.00 planning grant from National Science Foundation (NSF) with University of Illinois Urbana-Champaign Engineering & Carnegie Mellon University CEE & CS/Machine Learning department faculty for first \$10.5M National AI Institute for Design & Construction <https://bit.ly/39ZbAGD>

Part of team awarded \$140,000.00 Discover Partners Institute (DPI) seed funding for AI research <https://bit.ly/39ZbAGD>

Review Panels (e.g. for Governmental Agencies, Educational Institutions)

Invited Review Panelist, “Ontologies for Electrical and Water Distribution Systems,” resulting in two chapters of an ERDC-CERL Technical Report for each system, Research Review Panel, Kristine Fallon Associates Inc, 2012.

Consulting on the future of the jobsite with manufacturer BOSCH in the Internet of Things (IoT) start-up incubator, The Connectory, part of the 1871 innovation incubator at the Merchandise Mart in Chicago, 2017-18 <https://www.bosch-si.com/iot-summit/program/iot-summit-program.html>

Consulted with Skender Construction executive team on virtual design & construction, Chicago, 2017-18

2021-2022 Ongoing consulting with Skidmore Owings and Merrill (SOM), NY, NY, on restructuring firm organization to become a computational organization, an organization of computational thinkers, 2021-22

Professional Registrations

Licensed Architect, State of Illinois, #001015660. 1995-Present.
LEED Accredited Professional, 2005-Present.

PUBLICATIONS AND CREATIVE WORKS

Books Authored

“BIM and Integrated Design: Strategies for Architectural Practice” (John Wiley & Sons, 2011) *on the sociological impacts of Building Information Modeling (BIM) and Integrated Project Delivery (IPD) on individuals, teams, organizations, the design profession and construction industry.* <https://amzn.to/2PMZB4A> translated to Mandarin Chinese 2018

“Data Driven Design and Construction: 25 Strategies for Capturing, Analyzing and Applying Building Data,” (John Wiley & Sons, 2015) *providing practical information, useful strategies and technical guidance to practitioners and educators who are looking to leverage building data throughout the building lifecycle.* Foreword by James Timberlake, FAIA, Kieran Timberlake. <http://amzn.to/1ycVe6R> translated to Mandarin Chinese 2019

“Convergence: The Redesign of Design” (Architectural Design/AD Smart, June 26, 2017.) <http://bit.ly/2hquJHi>

Published “Superusers: Design Technology Specialists and the Future of Practice” (Taylor&Francis / Routledge, 2019.) <https://bit.ly/2PV4fkv>

Published “Think Like An Architect: How to Develop Critical, Creative and Collaborative Problem-Solving Skills” (RIBA Publishing, 2020) Published Nov 1, 2020
<https://bit.ly/323bmtv>

Published “Adapt As An Architect: A Career Companion” (RIBA Publishing, early 2021)
Published April 1, 2021 <https://bit.ly/3wUZyla>

Recorded audio for #1 New Release in Architecture (Amazon), **Adapt As An Architect: A Mid-Career Companion**, Audible Audiobook – Unabridged, narrated by Eric Meyers and Randy Deutsch, RIBA Books https://amazon.com/Adapt-as-Architect-Mid-Career-Companion-dp-B09MV9YHKF/dp/B09MV9YHKF/ref=mt_other?_encoding=UTF8&me=&qid=

Chapters in Books

“Integrated Project Delivery Overview”, *The Architect’s Handbook of Professional Practice*, 15th Ed. John Wiley & Sons, 2013. Pp. 530-541.

“Building Information Modeling and Integrated Project Delivery,” *The Architect’s Handbook of Professional Practice*, 15th Ed. John Wiley & Sons, 2013. Online only.

“Bridging Gaps by Embracing Change: BIM in a Time of Simultaneity, Super-integration and Convergence,” BIM GAPS: Bridging Building Information Modeling Tools, Analysis and People ed. By Karen Kensek and Douglas Noble, USC Architecture, John Wiley and Sons, 2016. (Invited, book not published.)

“Understanding Architectural Workflows in Global Practice” published in *Workflows: Expanding Architecture’s Territory in the Design and Delivery of Buildings*, Architectural Design, May 30, 2017 featuring the work and processes of Krueck+Sexton Architects, KieranTimberlake, LMN Architects, SOM, and Populous <http://bit.ly/2Fzphim>

Chapter in book, *Managing Design: Conversations, Project Controls and Best Practices for Commercial Design and Construction Projects*, Michael Le Fevre, FAIA, John Wiley & Sons, 2019

Foreword in book, *Managing Design: Conversations, Project Controls and Best Practices for Commercial Design and Construction Projects*, Michael Le Fevre, FAIA, John Wiley & Sons, 2019

Chapter in book, *What are architects for? Design Technology and the Future of Professionalism*, in *Defining Contemporary Professionalism: For Architects in Practice and Education*, Alan Jones and Rob Hyde ed., RIBA Publishing, Sept. 2019

Contributed to book, *Portfolio | The Essentials You Need to Succeed*, Vincent Hui (Routledge, 2019).

Chapter on Integrated Project Delivery in *The Architecture Student’s Handbook of Professional Practice*, 15th Ed. John Wiley & Sons, 2019 pp. 433-443.

Invited chapter in book, *Emerging Technologies for Emerging Professionals*, on applying technology to enrich design and practice, in *Professional Practice 101: A Compendium of Business and Management Strategies in Architecture*, 3rd Edition, Andrew Pressman ed. Routledge, 2021

Blurb on book jacket, *Creating a Culture of Predictable Outcomes* by Barbara Bryson
<https://bit.ly/3mB5ukl>

Articles in Journals

“Copyright Rights of Design Professionals.” (*contributed to article*) *PERSPECTIVES Magazine*, 1997.

Cited in “Young firms bring a breath of fresh air to the Windy City.” Feature article includes work of Randall Deutsch of Deutschwrx, John Czarnecki, *Architectural Record*, 2004.
<http://bit.ly/dOY6tO>

Technology and the Changing Nature of Architectural Practice, feature article on professional writing of Randall Deutsch, Elizabeth Evitts Dickinson, *ARCHITECT* magazine, 2010.
<http://bit.ly/ebwfKj>

Cited in “Data + Design: Integrating Building Information Modeling in Architectural Education” by Franca Trubiano, Building Technology Educator’s Society (BTES), 2013.

Cited in “The Reemerging Midcareer Professional’s Companion,” American Institute of Architects Foresight Report, 2013. <http://bit.ly/1tECLJ0>

Cited in “BIM and Integrated Design,” American Institute of Architects Foresight Report, 2013.
<http://bit.ly/1tECLJ0>

Cited in “The Big Data Revolution: How data-driven design is transforming project planning.” David Barista, *Building Design + Construction Magazine*, February, 2014.

Cited in “Designing Relationships.” Pressman, Andrew. *Review on book cover*. Routledge, 2014.

Cited in “Ways to Stay Organized Around Big Data,” Robert Mencarini, Array Architects, presentation to Deloitte Consulting, 2014.

Cited in “BIM as a Catalyst to Foster Creativity through Collaboration” by Murali Paranandi, Miami University, in *Building Information Modeling: BIM in Current and Future Practice* by Karen Kensek, USC Wiley, 2014. P. 239.

Cited in “Translating Designs for Construction + Operations: The Future of BIM in a World of Material and Energy Scarcity” by Franca Trubiano PhD, University of Penn., in *Building Information Modeling: BIM in Current and Future Practice* by Karen Kensek, USC Wiley, 2014. P. 311.

Cited in *BIM and Construction Management: Proven Tools, Methods, and Workflows* by Brad Hardin and Dave McCool, 2nd Edition, John Wiley and Sons, 2015. Pp. 83, 148.

Cited in ARCC2013_UNCC Conference Proceedings, Integrated Practice and Architecture Education: The Evolution of a Pedagogy, Alexis Gregory, Michele M. Herrmann, Beth Miller, Jarrod Moss, Mississippi State University, Mississippi State, Mississippi, pp. 332-335.

Cited in ARCC2014_Uhawaii Conference Proceedings, Re-thinking Design Studio Pedagogy: Collaboration Between Architecture and the Allied Disciplines
Alexis Gregory, Mississippi State University, Mississippi State, Mississippi, 2014, pp. 32-33.

Cited in Huffington Post, Those Slow to Adopt New Technology, Often Benefit Most from It by Andre Bourque, Posted: 01/08/2015 http://www.huffingtonpost.com/andre-bourque/those-slow-to-adopt-new-t_b_6434126.html

Cited in “Deep Data: How Greater Intelligence Can Lead To Better Buildings,” by C.C. Sullivan, in Building Design + Construction magazine, June 2015, pp.43-46 <http://bit.ly/1C9gnLF>

Featured in ARCHITECT magazine, *The Tech to Expect in 2016* <http://bit.ly/1Kfwr2k>

Featured in an article on How Programming Skills Today Create the Architects of Tomorrow, Ozobot, September 12, 2017 <https://lnkd.in/eryprEj>

Original research published in AIA National publication, Embracing Artificial Intelligence in Architecture: Architects stand to benefit from learning about data & taking small steps now to incorporate AI into practice, Architect Magazine, Kathleen M. O'Donnell, March 2, 2018 <https://lnkd.in/dP3BcXX>

Deutsch, Randall S., “Can computers design buildings? What automation means to architects,” contributed to article in Geospatial World magazine, November 27, 2018 <https://bit.ly/2zsiWjG>

Deutsch, Randall S., “A Vision for the School of Architecture, or What We Talk About When We Talk About That Café,” Ricker Report, November 2018 pp. 14-17

Deutsch, Randall S., “Appeal to Young Professionals – Embrace AI,” PSMJ Newsletter, November, 2018 p. 4

Will Superusers Future-Proof the AEC Industry? By Aarni Heiskanen, AEC Business, April 4, 2019 <https://bit.ly/2G3tlk2>

2021 Contributor, Renewed Efforts for a Universal BIM Standard, ARCHITECT Magazine, January 27, 2021 <https://bit.ly/2Qp85Cm>

Submitted collaborative paper and presentation to ICOSA2022 5th International Conference for Structures & Architecture. Authors : Aurelie de Boissieu and Randy Deutsch. Title : Training the Next Generation of Superusers: defining a curricula for architects and engineers in upcoming data-driven practices, March 15, 2021

Paper accepted for presentation, 5th International Conference on Structures & Architecture (ICOSA), The long road to education for upcoming data-driven practices in architecture: gaps, difficulties and silos, Aalborg University, Denmark co-authored with Aurélie de Boissieu, University of Liège, Liège, Belgium, 2022 <https://www.icsa2022.create.aau.dk/mini-symposia/>

RIBA Journal, Is your career stuck in a rut? article based on interview with author, Adapt As an Architect, February 3, 2022 <https://www.architecture.com/knowledge-and-resources/knowledge-landing-page/is-your-career-stuck-in-a-rut>

RIBA Journal, How to get your head round being an architect, Think Like an Architect reviewed, 2021 <https://www.ribaj.com/culture/review-of-think-like-an-architect-by-randy-deutsch>

Magazines and Newspapers

Deutsch, Randall S. "The Seventh Sacrament." Review of The Seventh Sacrament, by James Bradberry. *FOCUS: A Magazine of the American Institute of Architects Chicago*, 1996.

Deutsch, Randall S. "Chicago Architects in Search of Philip Johnson." *FOCUS: A Magazine of the American Institute of Architects Chicago*, 1996.

Deutsch, Randall S. "Perceptive Perspectives: A Worm's Eye View of the Architecture Profession." *FOCUS: A Magazine of the American Institute of Architects Chicago*, June/July 1996.

Deutsch, Randall S. "The Prince of Thieves." Featuring Ralph Johnson of Perkins + Will: Buildings and Projects, *FOCUS: A Magazine of the American Institute of Architects Chicago*, 1997.

Deutsch, Randall S. "Romancing the Architect: How Employers Attract and Retain Employees." *FOCUS: A Magazine of the American Institute of Architects Chicago*, April 1997.

Deutsch, Randall S. "BIM Beyond Boundaries," *DesignIntelligence*, Design Futures Council, 2011 <http://bit.ly/2vObLRd>

Deutsch, Randall S. "Leading in the Age of BIM," *DesignIntelligence*, Design Futures Council, 2012 <http://bit.ly/2vObLRd>

Deutsch, Randall S. "How We Can Make Collaboration Work." *DesignIntelligence*, Design Futures Council, 2014 <http://bit.ly/2vObLRd>

Deutsch, Randall S. "Who Will Lead Our Data-Driven Future?" *DesignIntelligence*, Design Futures Council, 2015 <http://bit.ly/2vObLRd>

Deutsch, Randall S. "Best Practices: Gain Appreciation for Your Work. *Architects Offer Five Subtle but Effective Ways for Architects to Change Owner's Perceptions*," by Brian Libby, ARCHITECT Magazine, contributed to article, 2015. <http://bit.ly/1dAr9ES>

Deutsch, Randall S. "8 Mindsets and Skillsets for the Future of Design," *DesignIntelligence Quarterly*, Design Futures Council, Q2, 2018 <http://bit.ly/2vObLRd>

Deutsch, Randall S., "Can computers design buildings? What automation means to architects," contributed to article in *Geospatial World* magazine, November 27, 2018 <https://bit.ly/2zsiWjG>

Featured in “Embracing Artificial Intelligence in Architecture” published online, March 9, 2018
<https://bit.ly/2rP78n6>

Featured twice in My Campus, News Gazette <https://bit.ly/3dMAkt2> &
<https://bit.ly/3215HnV>

Internet Publications

Peer Reviewed

Deutsch, Randall S, American Institute of Architects, Architect’s Professional Primer (APP) online resource for small firms: contributed essays on Collaboration, the Economy & Change, 2014-2015, launched at the 2015 AIA Convention.

Non-Peer Reviewed

Deutsch, Randall S, “Notes on the Synthesis of BIM” AECBytes, 2010. <http://bit.ly/fCysQa>

Cited in “Want to become a knowledge-driven firm? Build some “T-players” and get yourself a coach.” Christopher Parsons, Knowledge Architecture, 2010. <http://bit.ly/aBFh9T>

BIM and Integrated Design: Strategies for Architectural Practice, reviewed by Mark LePage, Entrepreneur Architect, Oct. 19, 2011. <http://bit.ly/1odbskD>

BIM and Integrated Design: Strategies for Architectural Practice reviewed by Jeffrey A. Pinheiro, The Revit Kid, April 20, 2011. <http://bit.ly/ekh1ic>

Book Review: BIM and Integrated Design | Building Content, Dec 8, 2011.

Randy Deutsch | Peter Thomsen, DownsideUpDesign featured in blog post on “Strategy,” Nov 23, 2011. <http://bit.ly/TJwd8y>

Will Architects Win- i.e. Regain Relevance- by Adopting BIM?, Tara Imani, Indigo Architect, Oct. 15, 2011. <http://bit.ly/1w8F4td>

Deutsch, Randall S, “Unlearning to Collaborate,” AIA Practice Management Digest, Winter 2011. <http://bit.ly/hf2XHz>

Deutsch, Randall S, “BIM Beyond Boundaries,” *DesignIntelligence*, Design Futures Council, 2011. <http://bit.ly/1zjsnbg>

Deutsch, Randall S, “Leading in the Age of BIM,” *DesignIntelligence*, Design Futures Council, 2012. <http://bit.ly/VJ6w05>

DesignIntelligence (DI) Journal featured “BIM Beyond Boundaries,” on website homepage, Sept 10, 2012.

Deutsch, Randall S, “Leading in the Age of BIM and IPD,” paper produced for AIA 2013 National Convention, Seminar, Denver, CO, 2013.

Deutsch, Randall S, "How We Can Make Collaboration Work." *DesignIntelligence*, Design Futures Council, 2014. <http://bit.ly/1fuxso9>

"The Big Data Revolution: How data-driven design is transforming project planning." David Barista, BDCNetwork Magazine, 2014.

Deutsch, Randall S. "Who Will Lead Our Industry's Data-Driven Future?" *DesignIntelligence*, Design Futures Council, 2015.

What Architects Should Know About Convergence, Architect Magazine, August 10, 2017

Deutsch, Randall S. "8 Mindsets and Skillsets to Cultivate for the Future of Design," *DesignIntelligence Quarterly*, August 21, 2018 <https://bit.ly/2rNS75f>

Creative Works (Exhibitions, Commissions, Competitions, and Architecture Executed)

Exhibitions

The Art of the Long View, Exhibit Advisory Committee, Chicago Architecture Foundation, Committee Chair, Chicago, Illinois, 1999.

Material Evidence: Chicago Architecture at 2000, Exhibition, Museum of Contemporary Art, Committee Member, Chicago, Illinois, 2000.

Competitions

Burnham Prize Competition, Chicago Architectural Club, Third Place, 1990.

Northerly Island Competition, Chicago Architectural Club – Finalist, 1994.

International Council of Shopping Centers, Future Image Award – First Place, "Green" Category, Wilson Yard, Fitzgerald Associates, Chicago, Illinois, Role: Senior Designer, 2009.

Architecture Executed

As Primary Architect/Designer – Selected Projects

Future Concepts for the Home, For The Doblin Group, Chicago, Illinois, 1998.

Transit Station Design Guidelines for Chicago, Transit Partners and Chicago Transit Authority (CTA), 2005.

Project This, 500-room Data-Driven Dormitory Prototype, Chicago, Illinois, 2011.

As Contributing Architect – Selected Projects

Princeton University Biology building renovation, Princeton New Jersey, 1987.

Illinois State Toll Hwy. Authority Headquarters, Downers, Grove Illinois, 1991.

Molecular Biology Research Facility, University of Illinois, Chicago, Illinois, 1993.

Sinai Temple, Chicago Sinai Congregation, Chicago Illinois, 1995.

IIT Campus Master Plan, prepared for IIT, Chicago, Illinois, 1995.

Mirage Resorts, Bellagio – with Steve Wynn: Casino venue + lounge + Cirque retail + 300-seat restaurant + snack bar, Las Vegas, Nevada, 1997.

Rolling Stones World Concert Tour concepts and stage design, 1997.

Sony Metreon Entertainment Center, 1.1M SF venues w/ dining and 16 screen cinema + 1100 rm. Hotel, Chicago, Illinois, 1998.

Union Station Redevelopment – 1.2 Million SF Office/ Hotel/ Residential/Retail historical renovation and tower, Chicago, Illinois, 1999.

175 West Jackson 1.7M SF office/commercial/lobby renovation to Daniel Burnham building, Chicago, Illinois, 1999.

840 N Lake Shore Drive luxury residential tower, Chicago, Illinois, 1999.

AvalonBay – Two 50-story towers, 1000 units, Chicago, Illinois, 2008.

Atrium City Tower & Retail Spine – consulting w/Adrian Smith-Gordon Gill (AS+GG), Dubai, UAE, 2008.

1035 W Van Buren – 31 story tower w/retail, Chicago, Illinois, 2008.

Park Blvd II Master Plan – 1200 unit development, Chicago, Illinois, 2009.

Wilson Yard – 6-acre mixed-use project w/ urban Target, Chicago, Illinois, 2010.

Bulletins, Reports, or Conference Proceedings

Deutsch, Randall S, “Teaching for the Cycle,” Building Technology Educators’ Society conference publication, Roger Williams University, Bristol, Rhode Island, 2013.

Deutsch, Randall S. “Professional Judgment in a Digital, Integrated World,” FOREFRONT: Architects as Collaborative Leaders, American Institute of Architects Utah, 2013.

Deutsch, Randall S. “Leading in the Age of Integrated Design,” FOREFRONT: Architects as Collaborative Leaders, American Institute of Architects Utah, 2013.

Deutsch, Randall S. “The Practical And Ineffable In Architecture: On The Convergence Of The Pragmatics And The Poetics Of Building.” Building Technology Educators Society (BTES) International Conference, 2017 <https://bit.ly/2Mscmmc>

Abstracts (in print or accepted)

Deutsch, Randall S. “Leveraging data in academia and practice: geometry, human- and building-performance,” Future of Architectural Research, Architecture Research Centers Consortium (ARCC) Conference, Chicago, IL. 2015.

Deutsch, Randall S. "Data Driven Design in Education and Practice," Building Technology Educators Society (BTES) International Conference, University of Utah, Salt Lake City, Utah, 2015.

Deutsch, Randall S. "Educating Today's Technology-Inclined Architect," Building Technology Educators Society (BTES) International Conference, University of Utah, Salt Lake City, Utah, 2015.

Book Reviews (in print or accepted)

Deutsch, Randall S. "The Seventh Sacrament." Review of *The Seventh Sacrament*, by James Bradberry. *FOCUS: A Magazine of the American Institute of Architects Chicago*, 1996.

Deutsch, Randall S. "Perceptive Perspectives: A Worm's Eye View of the Architecture Profession." *FOCUS: A Magazine of the American Institute of Architects Chicago*, June/July 1996.

Deutsch, Randall S. "Four Books for Four Rooms" Book Review, *FOCUS: A Magazine of the American Institute of Architects Chicago*, 1997.

Deutsch, Randall S. "Chicago Architects in Search of Philip Johnson." Featuring Philip Johnson: Life and Work, by Franz Schulze. *FOCUS: A Magazine of the American Institute of Architects Chicago*, 1997.

Deutsch, Randall S. "The Prince of Thieves." Featuring Ralph Johnson of Perkins + Will: Buildings and Projects, *FOCUS: A Magazine of the American Institute of Architects Chicago*, 1997.

Deutsch, Randall S. "Romancing the Architect: How Employers Attract and Retain Employees." *FOCUS: A Magazine of the American Institute of Architects Chicago*, April 1997.

The International Journal of Architecture, Engineering and Construction (IJAEC), ISSN 1911-110X (print) ISSN 1911-1118 (online) Book Review of BIM Design by Richard Garber, Vol. 4, No. 1 2015. <http://bit.ly/1Ag2GcE>

Interview by Aarni Heiskanen, AEC Business article on automation in AEC, Helsinki, Finland, 2019

Academic Lectures and Conference Presentations (with proceedings)

Deutsch, Randall S, "Professional Judgment in a Digital, Integrated World," FOREFRONT: Architects as Collaborative Leaders, American Institute of Architects Utah, 2013.

Deutsch, Randall S, "Leading in the Age of Integrated Design," FOREFRONT: Architects as Collaborative Leaders, American Institute of Architects Utah, 2013.

Deutsch, Randall S. "Teaching for the Cycle," Building Technology Educators Society Conference, Roger Williams University, Bristol, Rhode Island, 2013.

Deutsch, Randall S. "All Things (Data) Considered," *CSDR-ND Sustainability Community Data Forum*, University of Notre Dame, Chicago, IL, 2013.

Deutsch, Randall S. "Leveraging Data in Academia and Practice: Geometry, Human- and Building-Performance," Future of Architectural Research, Architecture Research Centers Consortium (ARCC) Conference, Chicago, IL, 2015.

Deutsch, Randall S. "Leveraging Data Across the Building Lifecycle," International Conference on Sustainable Design, Engineering and Construction (ICSDEC) 2015, Elsevier, Chicago, Illinois, 2015.

Academic Lectures and Conference Presentations (no proceedings)

Deutsch, Randall S. "Integrated Design Process and BIM," School of Architecture, College of Architecture and the Arts, University of Illinois at Chicago, Chicago, Illinois, 2009.

Deutsch, Randall S. *The Strategic Agenda: Securing the Future*, Harvard Graduate School of Design (GSD) Executive Education, Cambridge, MA, 2012.

Deutsch, Randall S. *BIM in the Cloud*, Executive Management for Design and Construction, Northwestern University, Moderator, Chicago, IL, 2012.

Deutsch, Randall S. *The New Expert*, McCormick School of Engineering, Northwestern University, Evanston, IL, 2011.

Deutsch, Randall S. *Integrated Building Delivery and BIM*, Illinois Institute of Technology, Chicago, IL, Guest Lecturer, 2011.

Deutsch, Randall S. *Lean Design*, Lean Construction Institute, P2SL Lean Design, University of California, Berkeley, Berkeley, CA, 2011.

Deutsch, Randall S. *Integrated Project Delivery*, Master of Integrated Building Delivery program, IIT, 2011.

Deutsch, Randall S. "BIM: Lessons in Leadership," Harvard Graduate School of Design (GSD), Executive Education seminar, Harvard University, Cambridge, MA, 2013-2014.

Deutsch, Randall S. "Data Driven Design," AEC Technology Symposium, Panel Moderator, The Cooper Union, New York, New York, 2014.

Deutsch, Randall S. "AEC's Big Data Problem," AEC Technology Symposium, The Cooper Union, New York, New York, 2014.

Deutsch, Randall S., Keynote speaker, "The Next Frontier: Mining and Leveraging Data in BIM", BIM Perspectives Conference, The Graduate Center, CUNY, NYC, 2015

Deutsch, Randall S. "Measuring the Immeasurable, Validating the Ineffable in Data-Driven Design and Construction", New Jersey Institute of Technology, 2015

National Organization of Minority Architecture Students (NOMAS) 2015 Symposium, 50 Shades of Leadership, Urbana, IL, 2015

Invited lecture, "Learning to Stay: Design Technology Specialists and the Future of Practice," PRACTICE: Outside In | Inside Out Symposium, Harvard GSD, October 12, 2018
<https://bit.ly/2BBEXfQ>

Panel discussion, PRACTICE: Outside In | Inside Out Symposium, Harvard GSD, October 12, 2018 <https://bit.ly/2BBEXfQ>

2019, *Learning from Superusers: What Architecture Students Need to Know Today and For the Future*, invited lecture, Manchester School of Architecture (MSA), Manchester, UK, March 19, 2019

2020 Invited presenter Innovation, New Technology and Best Practices to Office of Capital Planning and Project Management leadership at the University of Illinois at Chicago. January 2020

2020 Invited guest lecturer, ARCH 435 Structural Systems and Construction Methods for Sudarshan Krishnan, Assistant Professor

2020 Invited keynote, Singapore Polytechnic, The Future of the Built Environment, November 4, 2020 <https://bit.ly/3taxoGF>

2020 Invited presenter, MA Greenstein's seminar class, Art Center, College of Design, Pasadena, CA, Oct 14, 2020

2020 Invited presenter, Augmented intelligence: Empowering design professionals into the future, Marywood University School of Architecture, College of Professional Studies, November 16, 2020

Professional Lectures and Conference Presentations (no proceedings)

Deutsch, Randall S. "Architecting a Solution: Searching for Common Ground Between Architects and IT Architects," presented to Anderson Consulting, Arthur Anderson Worldwide, Partners Annual Meeting, Chicago, Illinois, 1997.

Deutsch, Randall S. "Urban Issues," Moderator, Panel Discussion, American Institute of Architects Chicago, Chicago, Illinois, 2001.

Deutsch, Randall S. "Consultant Communication," Moderator, Panel Discussion, American Institute of Architects Chicago, Chicago, Illinois, 2005.

Deutsch, Randall S. "Engaging Employees in the AEC Industry," Keynote, Best Firms Conference, Las Vegas, Nevada, 2010.

Deutsch, Randall S. "BIM, IPD and the Economy," American Institute of Architects Ohio, General Session Speaker, Annual Conference, 2010.

Deutsch, Randall S. "The Reemerging Midcareer Professional's Companion," Knowledge Architecture, KA Connect, Chicago, Illinois, 2010. <http://bit.ly/94Ak6O>

Deutsch, Randall S. "(Re)Learning to Collaborate," American Institute of Architects Minnesota, Minneapolis, Minnesota, 2010.

Deutsch, Randall S. "BIM/IPD Panel," Moderator, American Institute of Architects National Technology in Architectural Practice (NTAP) Conference, American Institute of Architects HQ, Washington DC, 2010.

Deutsch, Randall S. "Integrated Project Delivery: An Overview," Revit Technology Conference, Huntington Beach, California, 2011.

Deutsch, Randall S. "The End Is Where We Start From," BIMForum, *When Does Design End and Construction Begin?* Chicago, Illinois, 2011.

Deutsch, Randall S. "How BIM Enables IPD," American Institute of Architects Northeastern Illinois, 2011.

Deutsch, Randall S. "Trending: Technology," SMPS Build Business Conference, Chicago, Illinois, 2011.

Deutsch, Randall S. "Learning to Collaborate," American Institute of Architects Illinois, Lisle, Illinois, 2011.

Deutsch, Randall S. "Why Bring Another Book into this World," Knowledge Architecture, KA Connect, San Francisco, California, 2011.

Deutsch, Randall S. Moderated Panel Discussion, Knowledge Architecture, KA Connect, San Francisco, California, 2011.

Deutsch, Randall S. "BIM, IPD and the Future of Practice," American Institute of Architects National, Large Firm Roundtable (LFRT), Dallas, Texas, 2012.

Deutsch, Randall S. "BIM and IPD Seminar," American Institute of Architects Chicago, Chicago, Illinois, 2012.

Deutsch, Randall S. "(Re)Learning to Lead with BIM and IPD," Seminar, American Institute of Architects National Convention, Denver, Colorado, 2013.

Deutsch, Randall S. "Human, All Too Human BIM," *The Human Side of BIM*, BIMForum, Miami, Florida, 2013.

Deutsch, Randall S. "107 Ways Architects Make a Difference Through Architecture." Keynote, American Institute of Architects Illinois, Peoria, Illinois, 2013. <http://bit.ly/MR99sC>

Deutsch, Randall S. "Through Architecture We Bridge Gaps By Embracing Change." American Institute of Architects Illinois, Peoria, Illinois, 2013.

Deutsch, Randall S. "EP4EP: Emerging Professionals for Extended Play." Seminar, American Institute of Architects National Convention, Chicago, Illinois, 2014.

Deutsch, Randall S. "BIM and IPD Make Emerging Professionals of Us All." Presentation, American Institute of Architects National Convention, Chicago, Illinois, 2014.

Deutsch, Randall S. "The Relevance of Architecture in Today's World," Keynote, American Institute of Architects Nebraska, Lincoln, Nebraska, 2014. <http://bit.ly/1pebu0l>

Deutsch, Randall S. "The Data on Data-Driven Practices" Knowledge

Architecture, KA Connect, San Francisco, California, 2015.

Deutsch, Randall S. "What Leveraging Data Means for You, Your Career, Firm and Profession," AIANY Technology Committee, Center for Architecture, NYC <http://bit.ly/1KggzLI>

Deutsch, Randall S. "Architects Design By Manipulating Data, Not Form," AIA Northeast Illinois, 2015

Deutsch, Randall S. "EP4EP: Emerging Professionals for Extended Play." Seminar, American Institute of Architects National Convention, NY, NY, 2018.

Invited keynote, 5th Annual BIM Symposium in Beijing, China, October 30, 2018 on the occasion of "BIM and Integrated Design" (Wiley, 2011) being translated to Mandarin Chinese

2018 Led workshop, Global Design Alliance, hosted by the Beck Group, Dallas, TX

2018 Led workshop, Holmes Structures, Strategic Event, San Francisco, CA

2019 Led workshop, Shepley Bulfinch, Annual Meeting, Boston MA

2019 Led workshop, ZGF Architects, Partners Meeting, Washington DC

2019 Led workshops, AEI Engineers, Leadership Strategy Meeting, Chicago IL

2019 Led workshop, CO Architects, Leadership Retreat, Luskin Conference Center UCLA, Los Angeles, CA

2019 Lecture, to BDP leadership at firm's design collective at 11 Ducie Street, Piccadilly Basin, Manchester, United Kingdom

2019 Lecture, and roundtable at BDP's headquarters to design technologists and invited guests, Manchester, United Kingdom

2019 Lecture and roundtable Greater Manchester, England Chamber of Commerce with industry/real estate/urban planners/educators/policy makers

2019 Lecture, at FBE (For the Built Environment) event on impact of technology on housing, co-housing, and co-living in Manchester, England

Keynote, *Construction Technology Specialists and The Future of the AEC Industry*, U.S. Minority Contractors Association (USMCA) Construction Technology and Virtual Design Conference, Chicago, IL <http://usminoritycontractors.org/news-events>

Invited keynote, *Integrated Development of Digital Construction and Engineering Management*, 6th Annual BIM Symposium in Shanghai, China, September 25, 2019

2020 Invited presenter, Presented at computation group workshop, CRTKL June, 2020

2020 Invited panelist, DATA MATTER DESIGN upon book launch, October, 2020

2020 Invited keynote, AI: Making architecture easier, simpler, more efficient and secure, Design Professional Risk Control Group (DPRCG) Palm Springs, California, October 15, 2020 via Zoom

2021 PERKINS + WILL invited keynote, Augmenting Intelligence: Empowering the Architect Into the Future, demonstrating how AI helps to improve the making of buildings by leveraging emerging technologies and explore the role AI will play in contributing to more productive and successful businesses and careers, April 13, 2021

<https://events.perkinswill.com/augmentingintelligence>

2021 Co-host and panel moderator, AI in Construction workshop April 2021 and host and panel moderator, AI in Design workshop 2021. Invited host and panel moderator, AI in Construction workshop April 29-30, 2021, AI in Design workshop June 29-30, 2021

2021 Invited keynote, AI in Design Workshop Keynote, 'The Explore–Exploit Continuum,' Discovery Partners Institute and National Science Foundation grant-supported Institute for AI in Construction, August 5, 2021

2021 Opening remarks, AI in Design Workshop, Discovery Partners Institute and National Science Foundation grant-supported Institute for AI in Construction, August 5, 2021

2021 Invited moderator, AI in Design Panel, Discovery Partners Institute and National Science Foundation grant-supported Institute for AI in Construction, August 5, 2021

2021 AI IN AEC CONFERENCE 2021 March 25, 2021 International Conference on AI in AEC, Helsinki, Finland, March 25, 2021, virtual conference, HOW AI AUTOMATION AND AUTONOMOUS DESIGN WILL IMPACT YOUR TEAM, FIRM, PROFESSION, INDUSTRY AND THE BUILT ENVIRONMENT <https://www.ril.fi/en/events/ai-in-aec-2021.html>

2021 Invited keynote speaker, Silicon Valley AIA Symposium at the invitation of Leticia SooHoo, Google on the topic of How to Think and Adapt like an Architect, Friday, 2021, Silicon Valley, California (postponed due to pandemic)

2021 AIA TAP Building Connections Congress February 25, 2021 via Zoom, Augmented Intelligence: Empowering the Architect in Design and Construction, discussing Adapt As An Architect <https://bit.ly/3dPiiA1>

2021 RIBA CPD Programme Adapt webinar 7-8AM CST, 1-2PM UK, 2021 <https://bit.ly/3dQWfJb>

2021 Invited lecturer, AIA TAP Building Connections Congress, Augmented Intelligence: Empowering the Architect in Design and Construction, discussing Adapt As An Architect, February 25, 2021

Blogs

Blogs featured on AIA National website and in ARCHITECT Magazine

www.bimandintegrateddesign.com on issues related to Building Information Modeling (BIM) & Integrated Project Delivery (IPD) in the design professions and construction industry. 2009-2016

www.architects2zebras.com on issues related to architects in practice. 2010-2016.

Other blogs

<http://datadrivendesignblog.com> capturing, applying & analyzing building data in the AEC industry. 2013-2016.

<http://thedesignstrategist.com/> approaching complex, intractable business problems from the perspective of a design architect. 2011-2016.

<http://integrateddesignandconstruction.com/> promoting interdisciplinary teaching and education in the AEC industry. 2011-2012.

“How I Learned to Stop Worrying and Love the BIM” | Life of an Architect, Guest Post, Oct 20, 2011. <http://bit.ly/1nnl6jZ>

“107 Reasons Why Architects Matter” | Life of an Architect, Guest Post, July 5, 2011. <http://bit.ly/1q7MCXi>

“BIM and IPD Makes Emerging Professionals Of Us All,” American Institute of Architects National Convention, Podcast, 2014. <http://bit.ly/1z0R3Fh>

“Make It, Break It, Fix It,” Beverly Willis Architecture Foundation (BAAF) Invited blog post, Equality in Architecture, 2014. <http://bit.ly/1uWyFzS>

Interview with Architecture for Humanity co-founder Cameron Sinclair, AIA CEO Robert Ivy, and Randy Deutsch; Business of Architecture, 2015. <http://ht.ly/KbLaO>

Interviewed on BIM in education, BIMThoughts podcast S2E12, 2015
<http://bimthoughts.com/s2e12/>

Microsol webinar, The Redesign of Design, September 2017 <https://bit.ly/2GZQasa>

Podcast Construccion Avanzada, Madrid, Spain, Construccion Avanzada EP01 Entrevista Randy Deutsch, Alfonso Gomez-Roso June 6, 2017 <https://bit.ly/2JITv0t>

Dynamo Next TV webinar with Ryan Cameron at DLR Group, Chicago, IL S2E4 - Talk Data to Me on Data and Intuition, June 18, 2017 <https://bit.ly/2qtQj0V>

Interview by Aarni Heiskanen, AEC Business podcast on automation in AEC, Helsinki, Finland

Student ICES Course Evaluation Results

List of Teachers Ranked as Excellent by Their Students, Spring 2014 (Arch 593).

List of Teachers Ranked as Excellent by Their Students, Spring 2015 (Arch 501).

SERVICE (Public Engagement, Professional/Disciplinary, and University)

Summary of Service

Service to Disciplinary and Professional Societies or Associations

1987-Present American Institute of Architects (AIA)

1997-1998 Board of Directors, Chicago Architectural Club (CAC)
 1998-2000 Director, American Institute of Architects Chicago (AIA) Urban Land Institute
 2000-2001 Executive Board, American Institute of Architects Chicago (AIA)
 2000-2001 Vice President, American Institute of Architects Chicago (AIA)
 2007-Present Society of Building Science Educators (SBCE)
 Design Futures Council (Delegate)
 Lean Construction Institute (LCI)
 2010-Present Chicago Building Information Modeling and Integrated Project Delivery (BIM-IPD) Group
 2010-Present NYC-Revit Users Group
 2011 Association for Computer Aided Design in Architecture (ACADIA)
 2011-Present Building Technology Educators' Society (BTES)
 2012-Present Association of Collegiate Schools of Architecture (ACSA)
 2011-2012 AIA National Center for Integrated Practice Leadership Group (CIPLG)
 2012-Present Design-Build Institute of America (DBIA)
 2014-2015 Appointed Member of American Institute of Architects National Technology in Architectural Practice Innovation Awards Jury (AIA TAP)
 2015-2016 Board Member, Advisor, UK-based Building Research Establishment (BRE)
 BRE/Wiley Advisory Board on BIM education in the US
 2015-Present BuildingSMART Alliance International advisory board
 2018 Invited to serve as juror, ARCHITECT Magazine's 12th Annual R+D Awards
<https://bit.ly/2rP78n6>

2020 Served on AS&U Architectural Portfolio Jury 2020

2022 Served on competition jury, International Architecture Design Competition, Carbon Positive Affordable Housing, 2022

2022 Invited panelist, Presentation and Roundtable discussion, Occupying the Grey Space: Post-professional and Continuing Education, 11:30am-1:30pm CST Panelist on Panel discussion Professional Continuing Education/ Formación Post-profesional (Th. Nov 18) make a 10/12-minute-long presentation ETSAV/UPC (our host school in Barcelona) and the Facultad de Arquitectura y Urbanismo/ University, November 18, 2021

2018-present Served on University of Arizona CAPLA Futures Council Advisory Board

University/Campus Service

2015-Present Faculty Advisor, Architectural Advisor, 2017 Illinois Solar Decathlon RSO, a multidisciplinary team comprised of different majors across campus.

University of Illinois at Urbana-Champaign

2015-16 Solar Decathlon team, Faculty Advisor, Architecture

2017-18 Race To Zero team, Faculty Advisor, Architecture

College of Fine and Applied Arts

2013-2014 Member, Fine and Applied Arts Curriculum Committee

School of Architecture

- 2004-2006 Instructor, Architecture Registration Exam (ARE) Course, Summer
- 2005 Member, NAAB Accreditation Committee
- 2012 Deutsch, Randall S, *Early Professional Work*, American Institute of Architecture Students (AIAS), UIUC Chapter
- 2013 Deutsch, Randall S, *A Career in Architecture*, American Institute of Architecture Students (AIAS), UIUC Chapter
- 2014-2015 Faculty Advisor, American Institute of Architecture Students (AIAS) UIUC Chapter
- 2014 Deutsch, Randall S, *Architects as Architectural Advocates*, Alpha Rho Chi (ARX) Professional Fraternity, UIUC Chapter, Presentation
- 2014-2015 Member, Lecture Series Committee
- 2013-2014 Member, Curriculum Committee
- 2016-2017 Curriculum Committee, ex-officio, Awards Committee, Student Concerns Committee, ex-officio, Admissions & Recruitment Committee
- 2016-2018 Curriculum Committee, ex-officio, Student Concerns Committee, ex-officio, Admissions & Recruitment Committee
- 2017-2018 Member of Media Presence Committee, School of Architecture
- 2017-Present Responsible for Social Media and Communications, School of Architecture
- 2020-2021 Academic Advisor, Society for Business and Management in Architecture (SBMA)**
- 2020-2021 Academic Advisor, Solar Decathlon Illinois RSO, 2021-early 2022**
- 2021 Discover Architecture, AI and Computational Design, July 14, 2021**
- 2021 Co-organizer/co-host/symposium facilitator for the BLDG PERFORMANCE SYMPOSIUM: The Future of Architectural Technologies, April 2, 2021 Illinois School of Architecture <https://arch.illinois.edu/about-us/events/the-future-of-architectural-technologies/>**
- 2021 Participated in Gargoyle Honor Society portfolio review Zoom on Wednesday, November 3, 2021**
- 2021 Co-organizer and co-host Building Performance Symposium, Friday, April 2, 2021, Illinois School of Architecture**