

# Professor Steffen Lehmann, Ph.D.

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*The University of Nevada, Las Vegas*  
*Full Professor, Transdisciplinary Research Lead*  
*'Urban Design - Sustainable Cities' (full-time, tenured)*  
*Founding Director, Urban Futures Lab*  
*Founding Partner of si\_architecture + urban design*



**Dr. Steffen Lehmann**, AA Dip., Dipl. Des. (\*1963) is a visionary leader, designer and urbanist, interdisciplinary researcher, educator, scientific author and strategic entrepreneur who is internationally known for the vital role he plays in advancing higher education research and innovation in design, architecture and sustainability; with a focus on student opportunities and success, and economic and development for low-carbon solutions.

Steffen has a distinguished 20+ year career as full professor in higher education, and a 30+ year career as practicing designer and urban researcher. He is the author of 23 books and over 500+ research publications. As tenured full Chair Professor and Research Lead, Dr. Lehmann oversees a broad array of activities and academic programs in education, research, community outreach and collaboration. Since 2003, his leadership has grown his research mission to more than US\$18 million in extramural research funding in a wide range of grant categories. Working with governments, he was instrumental in establishing and successfully managing as Founding Director three research centers at the University of South Australia and the University of Portsmouth (UK), which provide platforms for post-doctoral and Ph.D. researchers, as well as a constant revenue source for the universities.

In 2022-24, he serves also as Global Professor at Keio University in Tokyo, Japan. He joined the AIA Las Vegas Board of Directors. In 2008, in recognition of the international significance of his work, he was appointed as inaugural chair-holder of the UNESCO Chair for Sustainable Urban Development in the Asia-Pacific. See: [www.city-leadership.com](http://www.city-leadership.com)

## SUMMARY OF QUALIFICATIONS

- An executive with a proven record of driving transformation, delivering organizational growth. Strong communication skills. Excellent relationship building skills and ability to work with senior level positions.
- Accomplished strategic design leader, recognized scientific researcher and educator with career success leading academic, interdisciplinary research, international program development and expansion.
- Outstanding capacity to forge new opportunities and foster government, commercial, and interdisciplinary academic collaborations globally; founding director of four impactful research centers.
- Adept in faculty, school and institute planning, strategic development and realistic management.
- He has experience in various aspects of university administration including strategic planning, program accreditation, research strategy, international partnerships, research collaborations and budgets.
- Globally recognised academic, received the Award for Teaching Excellence at the University of Newcastle (NSW); the Top 100 Global Leader in Education Award; and KTH Stockholm Athena Award (in 2021).
- Deep expertise in fund-raising, obtaining, allocating and managing multimillion-dollar funding sources.
- Internationally recognized as a thought and opinion-leader, routinely serving in consulting and advising roles for organisations at the international, national, state and local levels on urban and architectural sustainability.
- Versatile leader, with hands-on experience in campus planning and development for complex academic institutions such as colleges, faculties, schools, research institutes, organisations and foundations.
- Extensive experience in UNESCO design ambassadorial roles, representing the university at the highest level.

## CONTACT

The University of Nevada, USA. Professor of Architecture & Urbanism, and Fmr. Executive Director, School of Architecture Ph. +1 702 895 0939, Mobile +1 702 846 8205 Websites: [www.city-leadership.com](http://www.city-leadership.com)  
[www.si-architecture.com](http://www.si-architecture.com) E-mail #1: [Steffen.Lehmann@unlv.edu](mailto:Steffen.Lehmann@unlv.edu) E-mail #2: [Steffen.Lehmann.Cities@gmail.com](mailto:Steffen.Lehmann.Cities@gmail.com)

## PERSONAL DETAILS

**Dr. Steffen Lehmann**, *Assoc. AIA, RIBA*, is a senior full Professor of Architecture & Urbanism (with tenure) and Immediate-Past Director of the School of Architecture (SoA), at the University of Nevada.

**C-level executive with more than 30 years of leadership experience in academia, management, and design practice.**

**\*Born 19th June 1963 in Stuttgart, Baden-Wuerttemberg, Germany**

Dual citizenship: German citizenship and Australian citizenship; U.S.-Green Card holder.

Languages: Fluent in English and German; school-level French.

Dr. Steffen Lehmann is the full Professor of Architecture & Urbanism and former Executive Director of the School of Architecture at the University of Nevada. He is founding director of the interdisciplinary Urban Futures Lab, and CEO of the Future Cities Leadership Institute. Previously, Steffen has led three architecture schools, as head of school and executive director, in Las Vegas (USA), Perth and Brisbane (Australia). He has been a full professor since 2002, has taught, researched and practiced urban design and architecture for over thirty years, and defines all three activities as one activity.

**Prior to his appointment in the U.S., he was a tenured full Professor in the UK (from 2015 to 2018), and for 14 years a full Chair Professor in Australia (from 2002 to 2015),** where he held a number of senior leadership positions: full-time positions ranging from Head of School of Built Environment, to Director of Research, Founding Director of three flagship Research Centres on Sustainable Urbanism at the University of Portsmouth and at the **University of South Australia**.

He has led the implementation of the strategic renewal of the research and teaching areas of large schools and established university-wide urban research groups and centres. **Project experience on five continents.**

He has been travelling to China regularly since 1990; at UniSA, he led the China engagement of the University, and was Founding Director of the China-Australia Centre for Sustainable Urban Development, joint position with **Tianjin University**.

## EDUCATION AND QUALIFICATIONS

Ph.D. (Dr.-Ing.), Technical University of Berlin, Germany, 1999-2003 (with distinction), Ph.D. by Research  
AA Dipl., AA School of Architecture, Architectural Association, London, UK, 1988-91  
Dipl. Des. (Arch), Univ. of Applied Science, Mainz, 1985-88 – equivalent to a Master's degree  
Vor-Dipl. Des. (Design), Univ. of Applied Science, Trier, 1983-85 – equivalent to a Bachelor degree

Dr. Steffen Lehmann studied in Germany, Austria and the United Kingdom, with scholarships awarded by the DAAD, the German Association for Academic Exchange.

Steffen graduated from the **Architectural Association School of Architecture** in London in 1991 after securing a two-year DAAD scholarship. In 2003, he completed a Ph.D. (Dr.-Ingenieur degree) in Architecture and Urbanism at the Technical University in Berlin, Germany, with distinction.

An ambassador of sustainable urban design principles and holder of the inaugural UNESCO Chair, Steffen's thinking is deeply influenced by three experiences: first, studying at the Architectural Association School in London in the 1980s; and second, by British and Japanese modernism and the years he spent working as a young architect with James Stirling in London and Arata Isozaki in Tokyo; and third, the privilege to have been able to design and make significant urban and architectural contributions to the city of Berlin after the fall of the Wall, in the 1990s and 2000s.

## LEADERSHIP IN RESEARCH AND TEACHING

Over the last twenty years, Steffen has been a tenured chair professor at four research-intensive universities on three continents (in the US, the UK and Australia), leading and transforming schools of architecture, establishing highly successful research institutes, and managing over \$15 million in external research grant funding. This experience has provided him with a unique insight into different cultural contexts and models of architectural education. Since 1991, he has taught urban and architectural design studios and research methods, and developed effective design teaching methods for which he received the Award for Teaching Excellence, and the Top 100 Global Leader in Education Award (2021) for two decades of work on integrating principles of urban sustainability in the teaching-research nexus.

In recognition of the international significance of his work, Steffen was appointed in 2008 as the inaugural chair holder of the UNESCO Chair for Sustainable Urban Development in the Asia-Pacific. Since 1990, he regularly travelled to China and witnessed the enormous urban transformation of Asian cities. He was invited as visiting professor to prominent universities worldwide to lead Global Studios, including at the University of California, Berkeley; TU Munich (as DAAD Professor); TU Berlin; NUS Singapore; Tongji University Shanghai; Tianjin University; Ibero Mexico City; University of Portsmouth, Xi'an Jiaotong University as a Distinguished Visiting Professor; and in 2022-23: at Keio University in Tokyo, Japan.

## PROFESSIONAL MEMBERSHIPS

### Memberships, Learned and Professional societies, and other Professional affiliations

- Member, Architektenkammer Berlin (1993-), Registration-No: 06823
- Member, Bund Deutscher Architekten (1996 to 2018)
- Member, Royal Australian Institute of Architects (RAIA) (2003-18), No: 28778
- Member, UNESCO Chair in Sustainable Urban Development, Advisory Board (2008-10)
- Member, Australian Institute of Urban Studies (2010-12)
- Member, Zero Waste Centre Advisory Board (2010-14)
- Member, Executive Board, Barbara Hardy Institute, UniSA (2011-12)
- Chair, China-Australia Centre for Sustainable Urban Development Advisory Board (2012-14)
- Member of the UN working party for preparations of HABITAT III (2013-16)
- Member, UN ESCAP Expert Group ‘The New Urban Agenda’ (2012-16)
- Member, Humanities Management Board, Curtin University (2014-15)
- Member, Australian Deans of the Built Environment and Design (2014-15)
- Member, Coastal Cities Network, Research Group, UK (2016-20)
- Member, Developers Group, Shaping Portsmouth, UK (2016-20)
- Member, Royal Institute of British Architects (RIBA), UK (2016-20), No: 20017159
- Invited Academician, Academy of Urbanism (AoU), UK (2016 to date)
- Member, American Institute of Architects (Assoc. AIA), USA (2018 to date), No: 38826458
- Member, UNLV College of Fine Arts Strategic Planning Group, USA (2018 to date)
- Member, AIA Resilience Network, American Institute of Architects, USA (2019 to date)
- Education Director, AIA Las Vegas Board of Directors, Nevada, USA (2019 to 2021)
- Member, Research and Scholarship Committee, Association of Collegiate Schools of Architecture (2019 to 2020)
- Member, International Advisory Board for the Italian Pavilion ‘Resilient Communities’, 17<sup>th</sup> International Biennale of Architecture in Venice, May-Nov. 2021, Italy (2019 to 2021)
- Chair, Construction Committee, HOA PPV-Tamarindo, Costa Rica (2022 to 2027)

## ACADEMIC APPOINTMENTS AND POSITIONS HELD

### Academic employment history - Significant roles held during the past 25 years

Over the last twenty years, Dr. Steffen Lehmann served in different senior leadership roles at leading research-intensive universities, establishing new urban research centers, building teaching quality, and driving impactful activities:

- 2018 to date: **PRESENT EMPLOYMENT**  
Job Title: **full Professor of Architecture with tenure**, School of Architecture, **University of Nevada, Las Vegas**, USA. Former Executive Director, UNLV School of Architecture.
- 2016 to 2018: Job Title: **full Professor of Architecture Innovation** (Band-3 Senior Professorship); **Faculty Research Theme Lead ‘Sustainable Cities’, Founding Director of the Research Centre**: Cluster for Sustainable Cities; Faculty of Creative Industries, Employer: University of Portsmouth, UK. Dates: 1 Jan. 2016 – 30 Sep. 2018. Contract type: Permanent, full-time. A cross-Faculty university-wide initiative, reports directly to the DVC-R and is part of his executive group; with more significant visibility than those areas which usually sit at a Faculty level.
- 2016 -2018: **Senior Research Fellow** at the Institute for Sustainable Futures (ISF) at UTS, Sydney
- 2014-2015: Job Title: **Head of School and full Professor of Architecture**, School of Built Environment, Employer: Curtin University, Perth, Dates: 1 July 2014 – 31 Oct. 2015 Contract type: Permanent, full-time.
- 2010-2014: Job Title: **Founding Director of the Research Centre** for Sustainable Design & Behavior (sd+b); and **Founding Director** of the China-Australia Centre for Sustainable Urban Development; **tenured Research Chair**, full Professor of Sustainable Design, Employer: University of South Australia, Adelaide; Dates: 1 July 2010 – 30 June 2014 Contract type: Permanent (tenured), full-time.  
*Professor Steffen Lehmann obtained tenure as full Professor at UniSA in July 2011.*
- 2006-2010: Job Title: **full Professor of Architecture**, School of Architecture and the Built Environment (an **Industry-funded Chair**: Suters Chair), Employer: University of Newcastle (NSW) Dates: 1 July 2006 – 30 June 2010. Contract type: Contract, full-time.
- 2008-2010: **Chair holder of the UNESCO Chair** in Sustainable Urban Development for Asia and the Pacific, at the University of Newcastle). Contract type: Contract, full-time.
- 2003-2006: Job Title: **Inaugural Chair** Professor of Architecture and Chair, **Head of Department**, School of Design Employer: Queensland University of Technology, Brisbane Dates: 1 June 2003 – 30 June 2006. Contract type: Permanent, full-time.  
*May 2003: International relocation from Berlin, Germany to Australia.*

- 1993-to date: **Founding Principal** of Steffen Lehmann Architekten GmbH in Berlin. During the time in Berlin, he has held a number of Visiting Professor positions at universities in Germany (in Berlin and Munich).

With his own architectural and urban design practice, the s\_Lab, Steffen was actively involved in **the architectural creation of the 'New Berlin'**. His academic teaching career started in 1991 in London while working in the office of James Stirling, Michael Wilford and Associates.

### Invited visiting professorships – Global engagement

Steffen has held various prestigious visiting professorial positions at 12 leading universities worldwide, since 1996.

In 2009, he was awarded the prestigious DAAD-Visiting Professorship at the Technical University Munich, Germany.

- Arts Academy Berlin-Weissensee (1996-1998)
- Tongji University, Shanghai (2003)
- Technical University Berlin (2005)
- **National University of Singapore (2009)**
- Technical University Munich (2009), DAAD-Professor
- **University of California at Berkeley (2012)**
- Tianjin University in the P.R. of China (2014)
- Honorary Appointment at UTS, Sydney, Institute for Sustainable Futures (2016-2018)
- ANU Ahmadabad, India (2017-2018)
- **Distinguished Visiting Professor**, Xi'an Jiaotong University, China (2018-2020), NSFC-funded
- Visiting Professor of Innovation, University of Portsmouth, UK (2018-2019)
- **Invited Global Professor at Keio University, Tokyo, Japan (2022-)**

Internationally, Dr. Lehmann is considered one of the leading experts in the area of the sustainable built environment, demonstrated by the various requests he receives from a multitude of organizations across the world. He has accepted temporary positions at international universities when it added value to his research collaboration at his home university, where he has always had freedom to develop his own research groups.

He has been invited as an **External Examiner for Ph.D. studies at 12 leading universities**, including the University of Sydney, Univ. of Western Australia, Bond University, Univ. of Salford, KTH Stockholm, Hong Kong Poly University, University of Portsmouth, University of Greenwich (UK), and the University of the District of Columbia (USA).

## AWARDS RECEIVED

### Awards and Honours received (Selection)

- 2023: Fielden Medal for outstanding Contributions and Academic Excellence, University of Nevada, USA
- 2022: Athena City Accolade Award, by KTH Royal Institute of Technology, Stockholm, for outstanding contribution to the field of sustainable cities, architecture and urban design, and green urbanism in general (forthcoming, 2022)
- 2021: Global Forum for Education & Learning "Top 100 Global Leader" Award (June 2021 award ceremony)
- 2009: Award for Teaching Excellence, University of Newcastle, Australia
- 2002: Ausgezeichneter Jungwissenschaftler 2002, Stiftung Werner-von-Siemens-Ring, Germany

## RESEARCH LEADERSHIP AND RESEARCH INTERESTS

### Interdisciplinary research and innovation expertise and impact

Dr. Lehmann is an internationally renowned researcher and thought leader in the field of sustainable cities and urban development principles, exploring the complex relationship with nature, technology and place. Most of his own research projects are social/architecture/urban design nexus based, concerned with the integration of low-carbon/low-impact technologies in urban design and the social/behavioral and urban context, and concerned with our relationship to nature and place. His ORCID-ID is: <https://orcid.org/0000-0003-2453-662X>

Dr. Lehmann has acquired, coordinated and conducted numerous research projects, nationally and internationally, supported by the EU, NSF, cities, commercial parties and industries, leading to innovation in models, methods, tools, strategies and solutions. His track record of publications is evidence for sustained scholarly contributions and advancement of knowledge in the relatively young research field of 'sustainable urbanism'. Given the significant leadership roles he has held over the last 20 years, the number of publications is strong with a steep increase of academic publications since 2010.

**With over 4,700 registered citations and a Hirsch h-index of 32 and i10-Index of 60** (June 2023), Steffen Lehmann is scoring high among his peers. He has defined and introduced the concept of *Green Urbanism* design, fundamental to the education of architecture and urban design students worldwide.

Steffen has been in research intensive leadership positions for twenty years. During this time he has had significant responsibility for creating and leading new urban research formations. He has exploited these opportunities with distinction generating a large publication and granting output and a continuous stream of successful research students. Steffen was invited as keynote speaker at over 100+ important international conferences **in 40 countries**.

**His recent List of Publications is available online:**

[http://city-leadership.com/assets/pdf/recent%20publications\\_Aug\\_2020.pdf](http://city-leadership.com/assets/pdf/recent%20publications_Aug_2020.pdf)

**Steffen is a prolific publisher. He has published 23 authored, edited, or co-edited books**, numerous book chapters (100+), and countless articles and papers (500+), 5 journal special issues, entries to encyclopedias and co-authoring of important UN reports. He has over 4,700 citations registered on **Google Scholar (h-index 32; i10-index 60)**, including numerous high-impact publications. Some of his publications have been translated into Chinese, German, French, Spanish, Swedish, Japanese, etc.

#### Research and innovation leadership and expertise

Steffen's Cluster for Sustainable Cities in the UK brings together a group of over 40 researchers and key industry partners with an interest in resilient urban futures. The **Cluster for Sustainable Cities** developed a trans-disciplinary approach to scaling-up urban innovation for low-carbon living, working and mobility.

Steffen's research interests span urban design, planning, architecture, and sustainability with a strong focus on improving the environmental performance of neighbourhoods by introducing the concept of 'integrated urban climate resilience'. The main focus of his work over the past twenty years concerns urbanisation and the integration of low-carbon technologies into the societal/behavioural context, in both practice and academia. Current research includes the emerging field of low carbon neighbourhood design combining strategies of passive and active urban design performance and technologies of modular prefabrication, and the adaptation of communities for climate change.

**Some of his most recent books:** 'Low Carbon Cities. Transforming Urban Systems' (Routledge, 2015); and 'Sustainable Lina. Adaptive Reuse Projects by Lina Bo Bardi' (Springer, 2016). 'Growing Compact. Urban Density' (Routledge, 2017); 'Urban Regeneration. A Manifesto for transforming Cities' (authored book, Palgrave, 2019).

Recent books: 'Urban Informality and Sustainability' (co-edited volume, Routledge, Jan. 2021).

'Trans-Atlantic Engagements' (authored book, ORO Editions, launched Jan. 2021).

"Reimagining the Library of the Future" (authored book, ORO Editions, launched June 2022).

Steffen is the Editor-in-Chief of the *Book series on Sustainable Design* for Routledge (London/New York), 2010-date.

#### Leading international research collaborations and urban research grants

Steffen is a global citizen. He has lived and worked in Berlin, London, Tokyo, Berkeley, Las Vegas, and Australia, experiencing a very broad range of practice methods and research approaches. He is an experienced leader of change - strategic, operational and cultural - with an ability to develop, communicate and deliver a compelling vision to a range of internal and external stakeholders.

Over the last years he has managed and implemented an immense program of change, transforming and repositioning a large schools into a research-led and future-ready powerhouse (with an increased research output by +36% pa). Steffen has demonstrated a strong capacity to engender and lead collaboration between the research and policy communities, and to foster research that anticipates and responds to policy necessities, and provide high quality advice to urban leadership.

He was **Principal Investigator (PI)** on a range of grants (\$18m total) for multidisciplinary/multi-stakeholder international projects, and his research projects are funded by the EU-Commission, NSF, ESRC, AHRC, Innovate UK, Newton Fund, and British Council, Australian Research Council, as well as by numerous industry partners, see: [www.fwe-nexus.eu](http://www.fwe-nexus.eu)

#### Leading international, interdisciplinary research teams and integrated research

He has attracted large funding in grants and, as Founding Director of three flagship research centers, was managing research projects of the value of over **\$18 mill. in grants and contract research**. The impact of his work has influenced corporate behavior, municipal policies and legislation. He is currently Principal Investigator of a \$2mill interdisciplinary grant 'CRUNCH – The Food –Water–Energy Nexus' which is **funded by the NSF, Belmont Forum, ESRC, AHRC and Innovate UK**. In June 2018, he led the 'Insight' Workshop on urban resilience at XJTU in Xi'an, China, funded by Newton Fund, the British Council and the National Science Foundation China, leading a group mission of 30 UK academics to China.

Dr. Lehmann has performed roles in various national and international advisory boards, commissions, juries, scientific committees, Ph.D. committees, journal review committees, conference organizations, etc. - too many to mention. Notably, he has been a leading person with UN ESCAP, for which he participated in panels and produced research reports for the last ten years (since 2008).



## Selected examples of publications

### **Scholarly Books (Authored) - selection**

1. **Lehmann, S.** 2010. *The Principles of Green Urbanism. Transforming the City for Sustainability*, 2<sup>nd</sup> edn. London: Earthscan; including the case studies 'PortCity', 'Green Corridor', and 'City Campus'; 910 pages, 800+ illustrations, Aug. 2010; paperback/hardcover editions; in 2nd Edition; Chinese edition April 2013.
2. **Lehmann, S.** 2019. *Urban Regeneration. A Manifesto for transforming Cities in the Age of Climate Change*, London: Palgrave; 270 pages, April 2019; paperback/e-book editions.

### **Scholarly Books (Edited) - selection**

3. Condello, A. and **Lehmann, S.** (eds) 2016. *Sustainable Lina. Lina Bo Bardi's Adaptive Reuse Projects*, Springer, Netherlands/New York (forthcoming, to be published Oct. 2016), ISBN 978-3-319-32983-3, 185 pages: [www.springer.com](http://www.springer.com) (published Sep. 2016)
4. **Lehmann, S.** (ed.) 2014 (launched Sep. 2014). Editor and lead author of scholarly book, 3<sup>rd</sup> in series of 5 books: *Low Carbon Cities. Transforming Urban Systems*, Earthscan series on sustainable design. Earthscan from Routledge (Taylor & Francis Publishing House), Oxfordshire, UK, launched May 2014 in UK and in the US (hardback, paperback and e-book versions). 445 pages, hardback, paperback, e-book; ISBN 978-0-415-72983-3.
5. Crocker, R. and **Lehmann, S.** (eds) 2013. *Motivating Change. Consumption, Behaviour and Sustainable Design*, published Aug. 2013, Earthscan Book Series for Routledge, London; ISBN 9-7804-1582-977-9
6. **Lehmann, S.** & Crocker, R. (eds.) 2012. *Designing for zero waste. Consumption, technologies and the built environment*, Earthscan from Routledge (Taylor & Francis imprint), Oxfordshire, UK, ISBN: 978-1-84971-434-1 (Hardback); 978-1-84971-435-8 (Paperback); 978-0-20314-605-7 (e-book). 418 pages; launched in UK Dec. 2011; in U.S. Jan. 2012: [www.tandf.co.uk](http://www.tandf.co.uk). This was the first volume of the book series on Sustainable Design for Earthscan/Routledge (London).
7. **Lehmann, S.**; Al-Qawasmi, J.; Al Waer, H. 2010. (eds). *Proceedings for the International Conference: Sustainable Architecture and Urban Development, Vol. I-IV*; CSAAR Press / CIB / iiSBE Conference, July 2010. Amman. 21 refereed chapters in 4 volumes.

### **Invited Book Chapter and Keynote Address (Podcast) - selection**

8. **Lehmann, S.** 2015. Green Urbanism: from fossil-fuel dependent cities to sustainable eco-cities. 'Urbanisms' (eds. Tigran Haas and Krister Olsson), in English and Swedish, published by Nordic Academic Press in Nov 2015 in Stockholm, Sweden: [www.nordicacademicpress.com/](http://www.nordicacademicpress.com/)
9. **Lehmann, S.** 2020. Podcast of the opening event of the 56th World Planning Congress ISOCARP (9 Nov. 2020), with the keynote from Prof. Steffen Lehmann: <https://www.youtube.com/watch?v=NXTa-iCxnls&feature=share>

### **High-level Report - selection**

1. **Lehmann, S.** and Xie, HT. 2015. 'A Green Urban Development Agenda for the Asia-Pacific', p.152-157, in "State of Asian and Pacific Cities 2015" Report (2<sup>nd</sup> Report, 2015). Published by UN-HABITAT and UN ESCAP, Nairobi/Bangkok; publisher: UN-HABITAT, ISBN: 978-2-1-132681-9. Launched at APUF-6 in Jakarta, 18 Oct. 2015 (available online and print): <http://unhabitat.org/books/the-state-of-asian-and-pacific-cities-2015/>

## **POST-GRADUATE MENTORSHIP & SUPERVISION: 12 PH.D. STUDENTS TO COMPLETION**

Since 2002, Steffen has successfully advised 12 Ph.D. students and postdoctoral research fellows as primary supervisor.

### **Advising Ph.D. Candidates and Post-Doctoral Fellows**

Dr. Lehmann has a strong ability to inspire young researchers and is considered an inspiring speaker and enthusiastic supervisor of students and Ph.D. candidates. He has successfully advised over **12 Ph.D. candidates** as doctoral students to their degree completion (1 forthcoming), examined 11 Ph.D. students, and chaired 5 Ph.D. Viva Voce examinations across Architecture and Urbanism subjects. He has supervised 3 Post-doctoral Fellows, and was Ph.D. External Examiner at 12 universities, including the University of Salford and the University of Greenwich, both UK.

### **Steffen's research interests and interdisciplinary investigations are in the following intertwined areas:**

- Resilient urbanisation for low carbon compact cities and coastal resilience
- Green urbanism theory - Scenarios for the City of the Future
- Ideas-driven concepts for the resource-efficient city: urban infill using modular prefabrication
- Urban design culture and new programs for age-friendly public space
- Sustainable architecture and smart high-performance buildings
- Climate-responsive urban design and technology integration: structural and energy systems
- Transforming construction: prefabricated modular mass timber construction
- Building resilience: the Food-Water-Energy Nexus

## COURSES TAUGHT

Since 1991, Professor Steffen Lehmann has been teaching urban design studios at all year levels in architecture and urban design, for 30 years. He has been invited to teach intensive urban design studios in 6 countries, and developed a range of successful methods and ideas how to teach studio very effectively. The outcomes from his teaching have been published and exhibited widely, and used as exemplary for program accreditation.

**He has constantly received very good student evaluations (Score 4.4 to 4.6 out of 5).** He is currently coordinating and teaching the following courses at UNLV:

**Spring:** - Architectural & Urban Design Studio VI, Capstone Urban Design (M.Arch. level), 6 credits, 12-14 students  
- Research Methods in Environmental Design, Seminar + Lectures (M.Arch level), 3 credits, 24-32 students  
- Thesis: Advising Ph.D. and Masters students (ongoing commitment)  
- Coordinator: International Lecture Series (UNLV + AIA Nevada)

**Summer:** - “Global Studio” at Iberoamericana Universidad, Mexico-City, one month, 2 x 18 students from each university

**Fall:** - Architectural & Urban Design Research Studio VII (M.Arch. level), 6 credits, 12-14 students  
- Urban Design Research Studio (6<sup>th</sup> Year M.Arch.), 6 credits, 10-12 students  
- Issues in Contemporary Urbanism, Seminar + Lectures (M.Arch. level), 3 credits, 24-36 students  
- Thesis: Advising Ph.D. and Masters students (ongoing commitment)  
- Coordinator: International Lecture Series (UNLV + AIA Nevada)

## OTHER SERVICE

### External reviewer for major funding bodies

Over the last 20 years, he has been appointed as a member of the Standing Review Boards (the core group of scholars) for several principle national public funding bodies, including the Hong Kong Research Grants Council, Horizon Europe of the EU-Commission, the Australian Research Council, and others. He has regularly been appointed as grant reviewer for international research proposals and large grant applications. For instance, he has been asked **by 16 leading international funding agencies in 14 countries** to give evaluations as an external assessor, such as for:

- European Commission, Brussels, for Horizon 2020 (multiple; as Expert Evaluator and as Rapporteur)
- EPSRC, UK Research Council, for Global Challenges Fund; and Leverhulme Trust (multiple)
- British Council Newton Fund, Reviewer of Science Research Programme, UK (multiple)
- Swiss National Science Foundation, Bern; and Dutch Research Council (NOW), The Hague
- Canada Foundation for Innovation, Ottawa; and Israel Science Foundation, Israel
- Japan Society for the Promotion of Science, Tokyo
- Hong Kong: Research Grants Council of Hong Kong, SAR Hong Kong (multiple; regularly since 2012)
- Indonesian Ministry for Research and Technology (RISTEK-BRIN), Jakarta
- Earth Watch Institute, Massachusetts, USA
- New York University-Abu Dhabi: Assessment of Centre proposals
- UNESCO, Higher Education Sector, Paris
- Australian Research Council, Canberra, as Excellence in Research (ERA) Peer Reviewer and as regular ARC Grant Assessor for large grants (multiple; regularly since 2008)

He has also been invited as external performance evaluator of faculty of 10 other institutions for promotion decisions.

### Jury service: Member of international and national design competition juries

Over the last 20 years, he has frequently served as jury member for international, national, and state awards for organisations such as the Senate of Berlin, the Royal Australian Institute of Architects, the Australian Housing Industry Association and other bodies. For instance, he has been appointed to serve on design juries for:

2023	Invited jury member 4 <sup>th</sup> Vietnam Design Award, VMark, Vietnam, HCM-City
2022	Invited jury member Affordable Housing Design Competition, Las Vegas
2022	Invited jury member for BLT Awards 2022, Switzerland; and Affordable Housing Competition, Las Vegas
2019	AIA San Diego Design Awards Jury 2019, San Diego, USA
2013	Siemens Green Technology Journalism Award 2013, Asia-Pacific Region, Singapore
2011–12	‘The Zero Carbon Challenge’, Adelaide (appointed by LMC, SA Government)
2010	‘Hub-2-Hub’, Singapore (appointed by the Urban Redevelopment Authority, URA)
2009	‘Harmony Point’, HoChiMinh City (appointed by Municipality of HCMC)
2007	National Urban Design Awards 2007, Housing Industry Association (HIA), Sydney
2006	BlueScope Steel Glenn Murcutt Student Prize 2006
2005–06	‘Etihad Towers’, Abu Dhabi (appointed by H.H. Sheikh S. Bin Moh’d Al-Nahyan)
2005	‘Wedding Pavilion’, Brisbane Roma Street Parklands (appointed by Qld Government)
2004	Queensland State Awards of the Royal Australian Institute of Architects (RAIA)
2000–01	‘Leipziger Platz’, Berlin (several competitions, appointed by Senate of Berlin)

## **ADMINISTRATIVE LEADERSHIP**

Over the last 20 years, Steffen Lehmann has **led three Schools of Architecture**, in the US and in Australia:

- Executive Director of the School of Architecture, University of Nevada Las Vegas (USA)
- Head of School of Design & the Built Environment, Perth (Australia)
- Chair/Head of Discipline, Department of Architecture, Queensland University of Technology, Brisbane (Australia)

See his online profile here: [www.unlv.edu/people/steffen-lehmann](http://www.unlv.edu/people/steffen-lehmann)

### **Administrative Experience — Responsibilities at UNLV School of Architecture**

UNLV: Total 600 students, with 5 academic programs in three disciplines: Architecture, Interior Architecture & Design, and Landscape Architecture.

Dr. Lehmann has been a full **Chair Professor of Architecture since Dec. 2002**, when he led the Design School at QUT in Brisbane, Australia. As Head of School in Perth, Steffen was responsible for an operational school budget of AUS\$40 million (US\$30 million) per year; with 120 full-time faculty and 20 administrative staff.

**As Executive Director of the SoA, from 2018 to 2022 Dr. Lehmann was the chief executive and academic officer of the UNLV School.** He was responsible for the management of the budget and finances, academic personnel actions and recruitment, research coordination of all teaching workloads and service assignments of faculty, internationalisation, and the program needs of all 5 academic programs, while ensuring school compliance with all university policies.

He provides strategic leadership and vision for faculty and staff initiatives including public programs, curricular development, marketing, recruitment, student affairs, external outreach, and faculty evaluations.

Dr. Lehmann is the primary liaison for all matters relating to the School, advocating for resources and support; engagement in alumni and donor cultivation and fund-raising.

### **Leadership accomplishments as Executive Director of the UNLV School of Architecture (2018-2020)**

Over his long distinguished career and in a range of leadership positions at different universities, Dr. Lehmann has been able to learn from some of the best leaders in higher education, which prepared himself well for the new challenge.

When leading the **School of Architecture in Las Vegas**, Steffen was able to have significant positive impact, transforming the school into a powerhouse of teaching and research, including:

- Developed the new Mission and Values Statement for the school; implemented Strategic Plans for research centres
- Articulated a clear vision for the future: developed, launched and implemented an ambitious School Strategic Plan and Research Programme as a cohesive shared vision
- Secured additional resources and intensified fund-raising to achieve the strategic goals
- Improved student retention rates and achieved careful growth of student numbers
- Supported faculty and advanced the research agenda: created 7 theme-based research labs and increased faculty research activities and high-quality output by over +30% (including the development of new grant proposals)
- Strengthened the bridge between UNLV and the greater Las Vegas public; engagement with the local Las Vegas community and collaboration on several projects with the City of Las Vegas and the City of Henderson
- Encouraged new impactful and innovative partnerships, internally and with external partners
- As research leader continued to publish a book and numerous articles, keeping his own research agenda active
- Collaborated with other units on campus: collaborating with the College of Engineering on the Solar Decathlon 2019
- Developed/initiated Study Abroad program with Global Studios in Mexico City and Barcelona with top local partners
- New program creation, expanding the graduate program offering by introducing a new suite of graduate certificates: collaborating across campus to introduce the new interdisciplinary Graduate Certificate in Planning, commencing in Aug. 2020; with donors providing \$150k for a new visiting position
- Re-established a School Advocacy Board, in collaboration with the AIA Las Vegas Chapter, and fund-raising initiative, re-connecting and re-engaging with alumni, and cultivating new revenue streams
- Expanded the financial base for the School through philanthropy: launched fund-raising initiatives
- Further developing a high-performing academic community: recruiting 4 full-time professors to vacant positions
- Introduced 'Transformation Fellows' (visiting positions) to inspire and re-energize
- Reformed the 3+ M.Arch. program to simplify and accelerate the curriculum
- Curricular development and reform: recruiting new faculty to fill gaps and aligning teaching with research focus areas
- Supported and enhanced research-informed teaching and established a cycle of continuous improvement
- Developed new marketing material and enhanced the School's web presence to further raise the profile of the school
- Prepared and led the re-accreditation of professional programs.



## **RESEARCH ENTREPRENEURSHIP, INNOVATION AND ENTERPRISE**

Steffen is entrepreneurial minded. He was founding director of 4 highly-successful interdisciplinary urban research centers, including the Interdisciplinary Cluster for Sustainable Cities at the University of Portsmouth (UK), the Centre for Sustainable Design and Behaviour at the University of South Australia in Adelaide, and the **Urban Futures Lab at UNLV**.

He was the principal investigator of several large multi-disciplinary research grants, leading international teams of researchers, including the project “CRUNCH: Climate Resilient Urban Nexus Choices: Operationalizing the Food-Water-Energy Nexus”, involving the design of **urban living labs** in Gdansk, Miami, Taiwan, Eindhoven, Uppsala, and Southend-on-Sea.

His main research focus is in the field of **20th-century urbanism, urban design, sustainable and high-performance urban design**. His work has received funding from the NSF, ESRC, Innovate UK, AHRC, Belmont Forum, British Council, and other prestigious funding bodies. In the field of scholarly research, Steffen is best known for his pioneering work in and holistic view of green urbanisation, and for actively promoting environmental sustainability. He always maintained an active role in publishing as an urbanist, researcher, author and critic.

The significance of his contribution to urban research is corroborated by over 4,600 citations in academic journals, by a high h-Index in Google Scholar, and by over 500 conference presentations in 40 countries (including over 100+ invited keynote presentations) at important institutions such as at Harvard University, University of Oxford, TU-Delft, NUS Singapore, MoMA New York, UC Berkeley, Tsinghua University, Tongji University, the Chinese Academy of Sciences, UNESCO and TEDx.

Over the last 30 years, he has **published 23 books with prestigious publishers**, and more than 500+ articles and papers on design, architecture and sustainable urban development. His researches include seminal works on sustainable urban design and the concept of the Zero Waste City.

He is acknowledged for introducing the concept of *Green Urbanism* in the late 1990s; and in 2010, the term *Zero Waste City*. Since then, he developed large-scale urban design projects, exploring the concepts of *Density without High-rise* and *The City of Short Distances*.

His authored book, *Reimagining the Library of the Future*, has been published by ORO Editions (San Francisco) in June 2022.

## **PUBLIC SPEAKING, INVITED PRESENTATIONS**

### **Selected public speaking engagements – invited lectures worldwide**

Steffen has been invited to present at more than 500 conferences, symposia and public events in 40 different countries, on all continents; of which were over 100 invited, fully funded keynote presentations. **He lectured at the top universities and architecture schools** (over 100) in the world, including invited lectures at:

- Architectural Association School of Architecture – United Kingdom
- Delft University of Technology – Netherlands (multiple times)
- University of California, Berkeley, USC and UCLA Los Angeles, and Harvard University – U.S. (multiple)
- University of Oxford and University of Manchester – United Kingdom
- National University of Singapore – Singapore (multiple times)
- Tsinghua University and Tongji University – China
- Hong Kong Polytechnic University – SAR Hong Kong (multiple times)
- Milano Polytechnic University– Italy
- Technical University Munich and Technical University Berlin – Germany (multiple times)
- The University of Sydney and University of New South Wales – Australia (multiple times)
- The University of Melbourne, and UTS Sydney – Australia (multiple times)
- KTH Royal Institute of Technology – Sweden (multiple times), and Technical University Vienna – Austria.

He presented keynote addresses at MoMA New York, at the Venice Architecture Biennale, TED Talk, the American Institute of Architects, the Chinese Academy of Social Sciences in Beijing, at the Urban Land Institute, Annual UNESCO Conference, Harvard University, Oxford University, ISOCARP, and at numerous other prestigious events and prime venues.

**Conference organization:** He has been an invited member of scientific organizing committees for over 50 international conferences organized in 20 countries, including the International Architecture Biennale in Venice.

## **PROFESSIONAL PRACTICE AND BUILT WORKS**

**Leadership in practice:** Before establishing his own multi-awarded practice, *Steffen Lehmann Architekten + Stadtplaner GmbH*, in 1993 in Berlin, he worked with Pritzker Prize–winners James Stirling in London and Arata Isozaki in Tokyo, both recognised as leading visionary architects. Steffen became a licensed architect and town planner in 1993 in Berlin with the aim to pursue a more ethical practice.

## **Professional Activities — Leadership in professional practice**

Dr. Lehmann became a licensed architect and town planner in 1993 in Berlin. He has extensive experience in both: practice and the academic world, which he combines in his thinking with a deep understanding of the planning profession. Steffen has a long and distinguished career as an urban designer and architect (with an impressive track record as a practitioner and policy adviser) and likes to combine practice with research and teaching. Industry collaboration is one of his strengths, as shown by his past and current outreach to practitioners, policy makers, municipalities, business and citizens.

In 1993, he founded his own studio: **Steffen Lehmann Architekten & Stadtplaner GmbH, which designed and built over \$1.5bn in construction budget, in 20 projects.** The s\_Lab (Space Laboratory for Urban Research and Design) was the research arm, founded by Steffen Lehmann to pursue a more ethical form of practice. In parallel, he established the architectural office to combine research, teaching and practice. With his own practice, he is currently working on innovative housing projects in Berlin and Stuttgart (Germany), and Noosa (Australia).

In 2021, he co-founded (together with Prof. Igor Peraza) the practice **si\_architecture + urban design LLC in Dubai, Barcelona, and Las Vegas.** See: [www.si-architecture.com](http://www.si-architecture.com) The office is based on the principles of research-informed design, interdisciplinary collaboration and the integration of innovation to transform the existing status of our profession.

As a young urban designer, he has worked with world-renowned visionary architects **Arata Isozaki in Tokyo, and Jim Stirling in London,** on large urban projects, before establishing his own practice in 1993. With his own practice he was actively involved during the 1990s in the architectural creation of the 'New Berlin'. He was privileged to be able to **design and built significant large-scale (public and private) projects** in historically important cities and places, such as at Potsdamer Platz and at Hackescher Markt in Berlin. The s\_Lab in Berlin, which he led as Founding Director for over a decade, was an interdisciplinary studio employing around 20-25 staff, based on the belief that urban design can deliver the most important innovations of our time.

In the 1990s, the s\_Lab was an adventurous team of urban designers, architects, researchers, planners, digital craftspeople, urban ecologists and model-makers. Working as a lead architect on large urban development, Steffen has adopted a large practice approach concerning systems, research and modular systems' thinking.

**His prestigious project clients:** He worked for over 25 important clients, including notable institutions such as the Bundesverband Deutscher Banken, the Auswaertige Amt (German Ministry of Foreign Affairs), Deutsche Bahn AG, the Berliner Volksbank, Daimler Immobilien, and numerous others he has represented - with entities as diverse as the Senate of Berlin, the Republique de France, Manhattan Loft Corp, URA Singapore, the City of Sydney, and the Deutscher Gewerkschaftsbund (German Workers Union).

Steffen has a deep understanding of urban design practice, having been lead designer of large public and private buildings. Between 1993 and 2003, he delivered as lead designer a construction budget of over \$1.5 billion. Most of Steffen's built work is the result of winning design competitions for historically significant places, including large mixed-use complexes at Potsdamer Platz and the Quarter at the Museumsinsel in Berlin, both acknowledged as examples of **excellence in sustainable urban design.**

His buildings and project designs have been published extensively, and the subject of **two monographic books** including "Steffen Lehmann: Breite x Hoehe x Tiefe" (Junius Verlag) and "Steffen Lehmann: Works" (AEDES). His work was shown in numerous exhibitions throughout the world, including solo exhibitions at the Bauhaus in Dessau, AEDES Gallery in Berlin, Plan '99 in Cologne and at QUT in Brisbane.

He has **advised more than a dozen cities** on sustainable urban development, including the cities of Berlin, Stuttgart, Hamburg, Dresden, Shanghai, Singapore, Sydney, Melbourne, Adelaide, Brisbane, Abu Dhabi, Ho-Chi-Minh City, Oslo, Helsinki, Brighton, Southend-On-Sea, Las Vegas, Reno and Honolulu.

**Professional affiliations:** In 2019, he became a member of the American Institute of Architects and joined the AIA Board of Directors of the Las Vegas Chapter. In 2016, he was elected to the UK's Academy of Urbanism and became a member of the British RIBA. In 2003 he joined the Royal Australian Institute of Architects (RAIA).

In 1995, he was appointed "Freier Architekt BDA" in Berlin. In 1993, he became a licensed architect, first in Germany, then EU-wide.

Steffen has been called a "sustainable design guru" for his writings, lectures and teaching, and his books and articles have been translated into 15 languages, including German, Spanish, French, Italian, Swedish, Japanese and Chinese.

A **Google search** on his name shows **over 4 million results.**

For more information, please visit: [www.city-leadership.com](http://www.city-leadership.com) and [www.si-architecture.com](http://www.si-architecture.com)

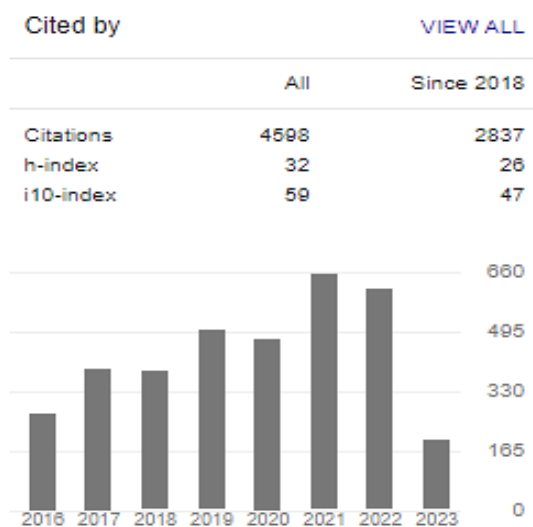
Online biography: [www.unlv.edu/people/steffen-lehmann](http://www.unlv.edu/people/steffen-lehmann)

## **STRATEGIC FUND-RAISING**

Steffen is a very active fund-raiser, raising large amounts from alumni, industry and government bodies, that allows the school and centre to do extraordinary activities (e.g. scholarships for the Mexico-City Studios), which befitted student learning and success. Fund-raising, entrepreneurship, and collaboration with industry are part of his strengths, and he can look back on 20-years of outstanding success in this area. Part of the fund-raising in 2020-2022 was a commitment by the RTC Southern Nevada: \$100,000 for a 'Visiting Professor in Sustainable Communities' position; and a commitment from the City of Henderson \$50,000 support; Bergmann & Walls: \$50,000; Marnell \$100,000; AIA Las Vegas \$85,000 was secured.

## **PUBLICATIONS: OUTPUT IN THE LAST 12 MONTHS**

Steffen is a prolific author; he has published over 500+ papers and articles and 23 books over the last 30 years. Given the significant administrative leadership roles he has held over the last 20 years, the number of publications is strong with a steep increase of academic publications since 2010, scoring very high among his peers. The impact of his work has influenced corporate behavior, municipal policies and legislation. There is a detailed 150-pages Publication List available on request.



Google Scholar Profile, May 1<sup>st</sup>, 2023 with 4,700 registered citations

### **Service as invited member of editorial boards:**

- Currently an invited member of editorial boards of 6 academic, scientific journals.
- The editor of the *Book Series on Sustainable Design*, Routledge (London/New York).
- Guest Editor of two special issues: *Journal of Sustainability* (completed, 2021-22) and *Buildings* (2022-23).
- For 7 years Editor-in-Chief of a high-impact U.S.-based scientific journal.

### **Here a list of his publication output over the last 12+ months, since 2021:**

His academic publication output in 2021-23 included four new books and editing of two special issue journals:

- **NEW BOOK PUBLICATIONS SINCE 2021:**  
Two books have been completed and published in 2021, and two books in 2022:
  - **Authored book:** Lehmann, S. "Trans-Atlantic Engagements" (ORO Editions, San Francisco, 2021)
  - **Edited volume:** Di Raimo A., Lehmann S., Melis A. (eds). "Urban Informality through Sustainability" (Routledge, London, Dec. 2021)
- **Numerous book chapters, articles and papers** were published and some more in progress (see the following publication list).
- **Edited volume:** Lehmann S. and Melis A. (eds). 'Resilient Communities, Vol. 02', D-Editore and Biennale of Architecture, Venice; published in Italian and English, launched in 2022
- *Journal of Sustainability*, **Special Issue Editor** (co-edited with Prof Mike Jenks, UK): 'Pathways to Sustainable Urban Form: Compact Cities Re-Imagined', MDPI, 2021-2022.
- *Journal of Buildings*, **Special Issue Editor** (co-edited with Prof Monika Szopinska-Mularz): 'Novel Approaches to Build Urban Resilience', MDPI, 2022-2023.
- **Authored book:** "Reimagining the Library of the Future" (ORO Editions, May 2022).
- **MOST DOWNLOADED PUBLICATION AT UNLV'S COLLEGE OF FINE ART**  
In 2021 and in 2022, one of his published papers became the **most downloaded publication of the UNLV**, College of Fine Arts. There continues to be strong interest in his scholarship, with a large amount of citations in the international press. From the laudation:

“Open Access Week 2021 and UNLV University Libraries recognize that one of Professor Steffen Lehmann’s works was the most downloaded publication during the last year (2021). This is for the open access publication titled: ‘Urban Farming in Inner-City Multi-Story Car-Parking Structures: Adaptive Reuse Potential.’” (Oct. 2021)

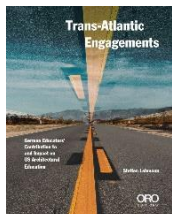
#### 4 AUTHORED AND EDITED BOOKS 2021-2022

##### 2 Single-Authored Books:

534 **Lehmann, S.** 2021. “Trans-Atlantic Engagements. German Educator’s Contribution to and Impact on US Architectural Education”, ORO Editions, San Francisco (220 pages, launched 2021), print and e-book: [www.oroeditions.com](http://www.oroeditions.com) and [https://books.google.com/books/about/Trans\\_Atlantic\\_Engagements.html?id=q0I\\_zQEACAAJ](https://books.google.com/books/about/Trans_Atlantic_Engagements.html?id=q0I_zQEACAAJ)

Feature in the ORO Edition Spring 2021 Catalogue:

[https://issuu.com/oro\\_editions/docs/spring\\_2021\\_catalogue\\_for\\_issuu?fbclid=IwAR2IWc94hz7b6VWtsL263ai5rIPIDOCslmuJTG59-ZcvBEW4maKpeq21KeI](https://issuu.com/oro_editions/docs/spring_2021_catalogue_for_issuu?fbclid=IwAR2IWc94hz7b6VWtsL263ai5rIPIDOCslmuJTG59-ZcvBEW4maKpeq21KeI)



Authored book: ‘Trans-Atlantic Engagements’ (ORO-Editions, San Francisco, 2021)

535 **Lehmann, S.** (2022). *Reimagining the Library of the Future. Public Buildings and Civic Space for Tomorrow’s Knowledge Society*, with short statements by internationally recognized architects; ISBN: 978-1-951541-989. 240 pages, ORO Editions, San Francisco: [www.oroeditions.com](http://www.oroeditions.com) Book completed and now in print.



Authored book: ‘Reimagining the Library of the Future’ (ORO-Editions, San Francisco, May 2022)

In December 2022, this book was selected as **Top Ten choice by World Architecture News**, and as one of the Top 2022 Books.

<https://worldarchitecture.org/architecture-news/envzf/oro-editions-reveals-its-2022-architecture-books-that-need-to-be-discovered.html>

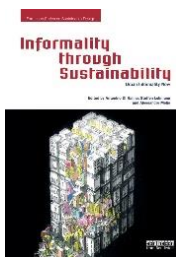
##### 2 Edited Volumes / Handbooks:

469 Di Raimo, A., **Lehmann, S.**, and Melis, A. (eds) 2021. *Informality through Sustainability*, Routledge, London/New York, 320 pages (launched 2021):

<https://www.routledge.com/Earthscan-Series-on-Sustainable-Design/book-series/EARTHSD>

471 **Lehmann, S.** and Melis, A. (eds) 2022. Co-Editors of the catalogue “Resilient Communities, Vol. 02” for the 17<sup>th</sup> International Architecture Biennale 2020, D-Editore, Venice and Rome, Italy (published in English and Italian, 2021-22; launched 2022): ISBN:9-7788894-830705. <https://www.labiennale.org/en/architecture/2020>

I edited the book, and wrote the Preface (p. 23-29), and three chapters: Chapter 1, Chapter 10, and Chapter 14.



Edited book: ‘Informality through Sustainability’ (Routledge, London, 2021)



Edited book: ‘Resilient Communities, Vol. 02. Venice Biennale Catalogue’ (D-Editore, Roma, 2022)



16 Invited Book Chapters published:

- 476 **Lehmann, S.** (2021). ‘Informality as a Mode of Sustainability: Introduction to Part II’; in: Di Raimo, A., Lehmann, S. and Melis, A. (eds) 2019-21. *Informality Now. Urban Informality through Sustainability*, Routledge, London/New York, pp. 123-130:  
<https://www.routledge.com/Earthscan-Series-on-Sustainable-Design/book-series/EARTHSD>
- 477 **Lehmann, S.** (2021). ‘Chapter 9. The self-organising city and its modus operandi: informal urbanism and public space’; in: Di Raimo, A., Lehmann, S. and Melis, A. (eds) 2019-21. *Informality Now. Urban Informality through Sustainability*, Routledge, London/New York, pp. 131-152:  
<https://www.routledge.com/Earthscan-Series-on-Sustainable-Design/book-series/EARTHSD>
- 478 Swapan, M., Zaman, A. and **Lehmann, S.** (2021). ‘Chapter 12. Urban (in)formality and the new unsustainable landscape of the Global South: Case study of megacity Dhaka’; in: Di Raimo, A., Melis, A. and Lehmann, S. (eds) 2019-21: *Informality Now. Urban Informality through Sustainability*, Routledge, London/New York, pp. 196-212:  
<https://www.routledge.com/Earthscan-Series-on-Sustainable-Design/book-series/EARTHSD>
- 481 Sharifi, E., **Lehmann, S.** and Zawarus, P. (2021). ‘Optimization of urban cooling strategies for parking lots in hot and dry climates: case study of Las Vegas and Adelaide’; in *Urban Heat Island Mitigation. Hot and Humid Regions*, Springer, Matt Santamouris, Ursula Eicker and Napoleon Enteria (eds), pp 169-182: <https://www.springer.com/gp/book/9789813340497> DOI: <https://doi.org/10.1007/978-981-33-4050-3>
- 483 **Lehmann, S.** (2021-22). Chapter 20: Green Cities: Nature-based Solutions, Renaturing Cities, in: *The Palgrave Encyclopedia of Urban and Regional Futures*, edited by Robert C. Brears, Springer Nature/Palgrave MacMillan, London, UK: [www.palgrave.com](http://www.palgrave.com) published Febr. 2022.  
 Chapter DOI: 10.1007/978-3-030-51812-7\_20-1, published online Feb. 1, 2022:  
[https://link.springer.com/referenceworkentry/10.1007%2F978-3-030-51812-7\\_20-1](https://link.springer.com/referenceworkentry/10.1007%2F978-3-030-51812-7_20-1)
- 537 **Lehmann, S.** (2021). Chapter 6: Nature-based solutions in the urban context: Renaturalization as a dimension of urban planning, in: *Nature-based solutions for more sustainable cities: a framework approach for planning and evaluation*, Edoardo Croci and Benedetta Lucchitta (eds), launched at COP26 in Glasgow on Nov. 10, 2021; pp. 69-86, Emerald Publishing, London. <https://www.emeraldgrouppublishing.com/> and <https://books.emeraldinsight.com/page/detail/Nature-Based-Solutions-for-More-Sustainable-Cities/?k=9781800436374>
- 538 **Lehmann, S.** (2022). Preface ‘How the urban nexus will make your city more resource efficient’ in ‘Designing Sustainable and Resilient Cities’ (Brown, Coulter, Melis - eds), Routledge, London, ISBN: 9780367631970 (pbk), DOI: 10.4324/9781003112495, research report: *The CRUNCH (Climate Resilient Urban Nexus CHoices) project*, p. xv-xviii <https://www.routledge.com/Designing-Sustainable-and-Resilient-Cities-Small-Interventions-for-Stronger/Melis-Brown-Coulter/p/book/9780367631970>
- 539 **Lehmann, S.** (2021-22). Chapter 2.7: Green Urban Futures: Regreening Cities to enhance Health, Resilience and the Urban Microclimate, in: *The Routledge Companion to Ecological Design Thinking*, Mitra Kanaani (Ed.), Routledge, London/New York, p. 184-197. Published in August 2022:  
<https://www.routledge.com/The-Routledge-Companion-to-Ecological-Design-Thinking-Healthful-Ecotopian/Kanaani/p/book/9781032023892>
- 540 **Lehmann, S.** (2021). ‘Innenstadtgestaltung und Städtebau für eine krisenfeste und lebenswerte Stadt’, in: Band 58: VIREN UND VISIONEN: AUS DER CORONA-KRISELERNEN. Dokumentation der drei Online-Seminare zu Ursachen und Lehren aus der Covid-19-Pandemie im Juni 2020, Claus-Peter Hutter and Nelly Eysholdt (eds), Akademie für Natur- und Umweltschutz (Umweltakademie) Baden-Württemberg; ISBN: 978-3-8047-4209-3, Wissenschaftliche Verlagsgesellschaft mbH Stuttgart, Germany, pp. 51-69.  
<https://umweltakademie.baden-wuerttemberg.de/-/26-01-2021-viren-und-visionen>
- 541-544 **Lehmann, S.** and Melis, A. (2021-22). Co-Editors of the catalogue ‘Resilient Communities, Vol. 02’ for the 17<sup>th</sup> International Architecture Biennale 2020, D-Editore, Venice and Rome, Italy (published in English and Italian, 2021-22; launched Dec. 2022): ISBN:9-7788894-830828. I wrote the Preface (p. 23-26) and three chapters: Chapter 1: ‘A Manifesto: Regenerating Cities in the Age of Climate Change’, p.34-37; Chapter 10: ‘How the Urban Nexus will Make Cities more Interconnected and Resource Efficient’, p. 106-109; and Chapter 14: ‘Informal Urbanism as a form of Resilience and Mode of Sustainability’, p. 132-136: [www.deditore.com](http://www.deditore.com)
- 545 **Lehmann, S.** (2021-22). Green Liveable Urban Futures: Regreening the Post-Oil City, in: *The Future of Liveable Cities*, Karima Kourtit, Peter Nijkamp and Luigi Fusco Girard (eds), Springer, Amsterdam. Chapter accepted for publication in 2022.
- 546 **Lehmann, S.** (2022-23). Chapter 5.9: Methods for research-informed design of green urban futures: the performance and resilience of urban spaces, in: *The Routledge Handbook of Urban Design Research Methods*, Hesam Kamalipour, Patricia Aelbrecht, and Nastaran Peimani (eds). Routledge, London/New York; published in June 2023; pp. 505-514.
- 547 **Lehmann, S.** (2021-22). Chapter for 3<sup>rd</sup> Edition: Urban Energy Transition 3: The Rise of Regenerating Cities, edited by Peter Droege, Elsevier; Chapter accepted for publication.

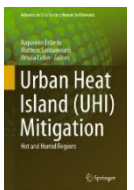




Band 58, published by Umweltakademie Baden-Wuerttemberg (in German language), 2021



Book chapter in edited volume: 'Nature-based solutions for more sustainable cities', 2021



Book chapter in: *Urban Heat Island Mitigation. Hot and Humid Regions*, SPRINGER, 2021



Book chapter in: *Routledge Companion to Ecological Design Thinking*, Routledge, 2022



Book chapter in: *The Palgrave Encyclopedia of Urban and Regional Futures*, Springer, 2022

## 2 Guest Editorial, Special Journal Issues:

522 **Lehmann, S.**, and Jenks, M. 2020-21. Guest editors for Special Issue of *Sustainability*: 'Pathways to Sustainable Urban Form: Compact Cities Re-visited', MDPI Publishers, Switzerland: <http://www.mdpi.com/journal/sustainability>

560. **Lehmann, S. and Szopinska-Mularz, M.** (2022-23): Guest Editor, special issue of 'Buildings': Novel Trends in Urban Planning for Building Urban Resilience, co-edited with Dr. Monika Szopinska-Mularz; publisher: MDPI Publishing, Basel, Switzerland. More information here: [https://www.mdpi.com/journal/buildings/special\\_issues/3400SPRI72](https://www.mdpi.com/journal/buildings/special_issues/3400SPRI72) and <https://www.mdpi.com/journal/buildings> This special issue is now open for submissions.

## 7 JOURNAL ARTICLES 2021-2022

### Peer-Refereed Journal Articles (published in refereed journals):

548 **Lehmann, S.** 2021. "Urbanismo informal y espacio publico en la ciudad no planificada y auto organizada", article on informal urbanism submitted to *Módulo Arquitectura CUC* journal, Barranquilla, Colombia (accepted in 2020 for publication in Jan. 2021), Spanish version: <https://revistascientificas.cuc.edu.co/moduloarquitecturacuc/index>

549 **Lehmann, S.** 2021. "Nature in the Urban Context: Renaturalisation as an Important Dimension of Urban Resilience and Planning", published in English and in Spanish: "La naturaleza en el contexto urbano: La renaturalización como una dimensión importante de la resistencia y la planificación urbana", *MODULO ARQUITECTURA CUC*, No. 26 (Jan. 2021), pp. 161–190, English version, ISSN: 0124-6542. DOI: <http://doi.org/10.17981/mod.arq.cuc.26.1.2021.07>

and here: <https://revistascientificas.cuc.edu.co/moduloarquitecturacuc/article/view/3371/3196>

550 **Lehmann, S.** (2021). Growing Biodiverse Urban Futures: Renaturalization and Rewilding as Strategies to Strengthen Urban Resilience. *Sustainability* 2021, 13, 2932. Published March 2021, MDPI, Basel, Switzerland: <https://doi.org/10.3390/su13052932>

551 Szopinska-Mularz, M. and **Lehmann, S.** (2023). "Balancing Increased Urban Density with Green Spaces: The Marketing of New Housing Estates in Poland." *Buildings*. 2023; 13(3):777. MDPI, Basel, Switzerland. <https://doi.org/10.3390/buildings13030777> (published open access, March 15, 2023)

Website: <https://www.mdpi.com/2075-5309/13/3/777>

552 **Lehmann, S.** (2023). “The extraordinary life and work of Arata Isozaki (1931 – 2022): Seven decades of visionary architecture.” *Journal of Chinese Architecture and Urbanism*:

**Lehmann, S.** (2023), “The extraordinary life and work of Arata Isozaki (1931 – 2022): Seven decades of visionary architecture.” *Journal of Chinese Architecture and Urbanism*, 5(1):353. <https://doi.org/10.36922/jcau.353> and <https://accscience.com/journal/JCAU/5/1/10.36922/jcau.353>

567 **Lehmann, S.** (2023). “Research Methods in Urban Design: A Framework for Researching the Performance and Resilience of Urban Places”. *Buildings*, 2023, MDPI, Basel. Open access. (in review): [https://www.mdpi.com/journal/buildings/special\\_issues/3400SPRI72](https://www.mdpi.com/journal/buildings/special_issues/3400SPRI72)

568 **Lehmann, S.** and Kremer, PD. (2023). “Filling the Knowledge Gaps in Mass Timber Construction: What are the Missing Pieces, Where are the Research Needs?”. *Mass Timber Construction Journal*, 2023, IAMTC. Open Access. (in review): <http://www.masstimerconstructionjournal.com/>

### 3 CONFERENCE PROCEEDINGS 2021-2022

#### Peer-Refereed Conference Papers (published in proceedings):

553 **Lehmann, S.** (2021). Paper 2.08: ‘Reconnecting with Nature: Identifying new models of urbanization’, published in Proceedings, Vol. 1 ‘The Architect and the City’: EAAE-ARCC International Conference & 2nd Valencia International Biennial (presented Nov 20, 2020), Editorial: UPV and RIUNET repository, ISBN 978-84-9048-842-3, catalogue of the Editorial Universitat Politècnica de València, Spain, pp. 74-84/pp. 406-419. <https://www.eaae-arcc-ic.upv.es/>

554 **Lehmann, S.** (2021). Presentation and publication of refereed paper at the 27<sup>th</sup> World Congress of Architects – UIA 2021 in Rio de Janeiro (Brazil), July 5, 2021, Paper 317: ‘Designing cities in balance with nature’: <https://aovivo.uia2021rio.archi/entrar>

555 **Lehmann, S.** (2023). “Enabling Healthy Cities”, in: Proceedings, 4<sup>th</sup> International Smart and Healthy Cities Forum: Cities Under Climate Threat (held in Oct. 2022), edited by Edgar Stach, Th. Jefferson University, Philadelphia, USA, published mid-2023: [www.jefferson.edu](http://www.jefferson.edu)

#### 4 Invited Journal Articles in Professional Journals (invited, edited, non-refereed):

556 **Lehmann, S.** (2021). Diagram used in policy document by the New South Wales Government, Sydney: ‘Urban Design Guide for NSW’, Nov. 2021, p. 13: [https://shared-drupal-s3fs.s3.ap-southeast-2.amazonaws.com/master-test/fapub\\_pdf/Draft+Urban+Design+Guide\\_Accessible.pdf](https://shared-drupal-s3fs.s3.ap-southeast-2.amazonaws.com/master-test/fapub_pdf/Draft+Urban+Design+Guide_Accessible.pdf)

557 **Lehmann, S.** (2022). Invited opinion piece ‘The Normality of Venice’, in *Here & Now*, April 4, 2022, *My Place* section, journal of the Academy of Urbanism, London, UK: <https://journal.theaou.org> and <https://journal.theaou.org/myplace/venice-italy/?fbclid=IwAR2FKGe-624RK1RhF-2e5pYNvWTBjG0b28MXwu33tlqKOC71qrlfyX5GelQ>

558 **Lehmann, S.** (2022). Invited article ‘How cities in the southwest are adapting to climate change’, for “On Common Ground Magazine”, National Association of Realtors, Nevada: [https://www.nar\\_realtor/on-common-ground](https://www.nar_realtor/on-common-ground)

559 **Lehmann, S.** (2022). Invited article ‘Towards a Framework for Optimal Density’, in *Architecture Ireland*, no. 322, March/April 2022, Dublin, Ireland (the journal of the RIAI), p. 17-22: <https://www.riai.ie/discover-architecture/architecture-ireland-digital/issue-322>

#### 5 Non-Peer-Refereed Articles (selection; published in popular media):

560 **Lehmann, S.** (2022). Interview for article ‘Affordable Housing and Tiny House Movement’, *The Nevada Independent* (podcast online, June 28, 2022), Carmen Landinger talks to Joey Lovato, Las Vegas, Nevada, USA: [www.thenvindy.com](http://www.thenvindy.com)  
Podcast mentioning my research several times: <https://thenevadaindependent.com/podcast/tiny-homes-and-big-lies>  
And the article is here:

<https://thenevadaindependent.com/article/could-tiny-home-communities-be-the-savior-of-nevadas-housing-market>

561 **Lehmann, S.** (2022). Interview for article ‘Greenery and bright colors in cities can boost morale – study’, *The Guardian*, London (June 18, 2022), Sofia Quaglia: [https://www.theguardian.com/science/2022/jun/17/greenery-and-bright-colours-in-cities-can-boost-morale-study?fbclid=IwAR2Vfth6XtKPH\\_8oy4O94HIYYcEPTQ8zcYCU-rQq-LWqOGqNqf6mcePLuo](https://www.theguardian.com/science/2022/jun/17/greenery-and-bright-colours-in-cities-can-boost-morale-study?fbclid=IwAR2Vfth6XtKPH_8oy4O94HIYYcEPTQ8zcYCU-rQq-LWqOGqNqf6mcePLuo) republished by numerous outlets, including *Yahoo News*:

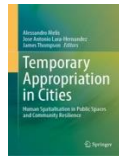
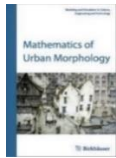
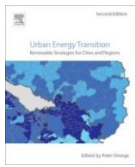
<https://ca.sports.yahoo.com/news/greenery-bright-colours-cities-boost-031512968.html?src=rss&guccounter=1>

562 **Lehmann, S.** (2022). Interview for article ‘By Dimming Street Lights, Boulder City hopes to attract star-gazing tourists’, *Las Vegas Sun*, Las Vegas (Oct. 08, 2022), Grace Da Rocha: <https://lasvegassun.com/news/2022/oct/08/by-dimming-street-lights-boulder-city-hopes-to-att/>

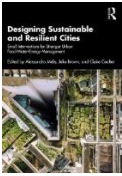
563 **Lehmann, S.** (2023). Interview for article on ‘The Impact of Social Media on Urban Planning’ to be published in the American Planning Association (April 17, 2023), by Sakshi Udavant: <https://www.planning.org/planning/>

564 **Lehmann, S.** (2023). “Reconnecting with Nature. The Urban Dweller’s Relationship with Nature is Evolving”, invited article for ROCA Gallery online magazine, edited by Diane Gray; Barcelona/Madrid, Spain (May 01, 2023), English and Spanish versions: [www.rocagallery.com](http://www.rocagallery.com) and <http://www.rocagallery.com/growing-biodiverse-urban-futures>

565 **Lehmann, S.** (2023). “Urban Rewilding”, interview for *Inverse* online science magazine (Sarah Sloat), New York (May 8, 2023), online: <https://www.inverse.com/health/future-of-design-urban-green-roofs>



Various book chapters published in diverse edited volumes



Book chapters in two new Routledge books, 2022



Top 100 Global Leader Award by the Global Forum for Education and Learning, June 2021

## RADIO INTERVIEWS, 2022

During the last year, Steffen has delivered several radio and TV interviews. The most relevant:

566 **Lehmann, S.** (2022). Live radio interview with KNPR, “State of Nevada”, Joe Schoenman (July 7, 2022), 40 mins on the topic: “Urban design in the Age of Climate Change”: <https://knpr.org/programs/knprs-state-nevada>

Podcast: <https://knpr.org/knpr/2022-07/can-nevada-cities-be-designed-combat-climate-changes-rising-temps>

Live discussion on the radio with Steffen Lehmann, Bob Fielden and Ed Mazria.



## Public Speaking in 2022-23, on TV and Radio (Selection)

Steffen is regularly invited to present keynote addresses at important international conferences. He has presented at a range of conferences.

2022

- Live radio interview with KNPR, “State of Nevada”, Joe Schoenman (July 7, 2022), 40 mins on the topic: “Urban design in the Age of Climate Change”: <https://knpr.org/programs/knprs-state-nevada>  
Podcast: <https://knpr.org/knpr/2022-07/we-know-nevada-will-continue-grow-how-can-it-be-built-sustainably>
- Keynote: 7th International Conference on Tourism: Built Environment and Design Excellence, in Kerala, India, June, 27-28, 2022 (online): “Regenerative Tourism”, see: <https://tourismandleisurestudies.com/2022-conference>
- Keynote presentation for ArchiNet ‘What matters now: the next-generation city’, Design Talks Series, Riyadh, KSA, Aug. 20, 2022 (online), available on YouTube channel: <https://www.youtube.com/c/ArchiNet> and <https://www.youtube.com/watch?v=PQcj77rpGBc>
- Interview for STIRworld magazine ‘The Library of the Future’, Interview Series Vladimir Belogolovsky, New York City, September 1st, 2022 (published online): <https://www.stirworld.com/author-Vladimir-Belogolovsky>
- Keynote address ‘What matters now: the next-generation city’, Distinguished Speaker Series, Sunway University, JCDSS Distinguished Speaker Series, Sunway City, Malaysia, Sep. 9, 2022 (online): <https://university.sunway.edu.my/jcdss> and here: <https://university.sunway.edu.my/upcoming-events/What-matters-now-The-Next-Generation-City-Healthy-Green-and-Resilient>
- Invited presentation and roundtable panellist at the 4<sup>th</sup> International Smart and Healthy Cities Symposium, Thomas Jefferson University, Pennsylvania Oct. 20-21, 2022 (online): “Drivers for Change in the Built Environment”; part of *Design Philadelphia*, book publication in preparation, see: <https://www.designphiladelphia.org/>  
<https://www.eventbrite.com/e/designphiladelphia-smart-healthy-cities-at-thomas-jefferson-university-tickets-408948103787?aff=ebdssbdestsearch>  
Program flyer: [https://pdfhost.io/v/ztaskbOMa\\_4th\\_International\\_Smart\\_and\\_Healthy\\_Cities\\_Symposium\\_Panel\\_2](https://pdfhost.io/v/ztaskbOMa_4th_International_Smart_and_Healthy_Cities_Symposium_Panel_2)
- Invited keynote presentation and roundtable panellist at the ASEAN AECC 2020 Education Cities International Conference, Sunway University, Malaysia, Nov. 5-6, 2022 (online): <https://university.sunway.edu.my/AECC2022/programme-schedule>

2023

- Interview with *Inside Climate News*, Wyatt Myskow, USA (Feb 23, 2023; published on April 2, 2023), article quoting me, “Las Vegas is counting on Public Lands to Power its Growth. Is it a Good Idea?”: <https://insideclimatenews.org/news/02042023/las-vegas-urban-sprawl/>

- Invited keynote/webinar presentation for RECLAIM Network, [www.reclaim-network.org](http://www.reclaim-network.org), University of Surrey, UK (April 5, 2023) (online):  
<https://www.youtube.com/playlist?list=PL4xPfJG-Mbo4LvhL3rtVptHETgLU6w0GX>  
The video is here: <https://www.youtube.com/watch?v=x6BhZnp2Kis&list=PL4xPfJG-Mbo4LvhL3rtVptHETgLU6w0GX&index=14&t=23s>
- TV interview, Fox 5 News (News anchor: Kim Passoth): “Urban heat island effect ‘the silent killer’ has a major impact on Las Vegas”, interview on Fox 5 – TV with Professor Steffen Lehmann (April 18, 2023; length: 2:45 mins), see the podcast here: <https://www.fox5vegas.com/video/2023/04/19/urban-heat-island-effect-silent-killer-has-major-impact-las-vegas/>



Interview on urban heat island, Fox 5 – News, April 19, 2023

- Quoted in the article “Follow the Next Generation of Planners on Social Media” by S. Udvant, *APA Planning Magazine* (April 17, 2023), New York: <https://www.planning.org/planning/2023/spring/follow-the-next-generation-of-planners-on-social-media/>



ArchiNet keynote, August 2022



Video: <https://www.youtube.com/watch?v=FTEO77wmjzg>

Invited keynote presentation *ArchiNet*, Riyadh, Saudi Arabia, Aug. 20, 2022; and Keynote address and Roundtable panel, Sunway University, Jeffrey Cheah Distinguished Speaker Series, Malaysia, Sep. 9, 2022



Keynote speaker and panelist, ASEAN AECC International Conference, ‘Education Cities Conference’, Kuala Lumpur, Malaysia, Nov. 5-6, 2022 <https://university.sunway.edu.my/AECC2022/programme-schedule>



Lifetime achievement award ‘The Athena City Accolade’ (2022), from the Royal Institute of Technology KTH, Stockholm, Sweden, for my ‘outstanding contributions in higher education over many years.



Fielden Medal for Excellence in Architectural Education, UNLV, May 2023

### Philanthropic activities:

Lehmann is a dog lover and supporter of animal foster programs, whose philanthropic efforts include environmentalism, tree planting initiatives, and regular donations to local animal shelters.

### Vaccination statement:

Steffen Lehmann is fully vaccinated, including booster shots, against the COVID virus.