



BECKMANN ACOUSTICS



Daniel Beckmann, Principal

Daniel Beckmann, an internationally respected acoustical consultant, founded Beckmann Acoustics in 2019, after working fourteen years as a consultant at Nagata Acoustics under the guidance of Yasuhisa Toyota, the celebrated acoustic designer of Walt Disney Concert Hall. Mr. Beckmann was educated at the University of Kansas and the University of Stuttgart (Germany), receiving a degree in Architectural Engineering. At the University of Kansas, the curriculum emphasized the various engineering fields involved in buildings, as well as an extensive architectural design component, emphasizing creative thinking and collaboration with architectural designers. Music has always been a focus for him, beginning with violin studies at age five, piano studies at age eight, and with many professional musicians in his family.

Together with his colleagues at Nagata Acoustics, he is the author of *Concert Halls by Nagata Acoustics*, published by Springer Nature in 2021. The book surveys more than thirty performance venues and discusses techniques of acoustical design, with Mr. Beckmann contributing the text for eight venues and collaborating on the editing of all topics. David Staples, writing in *Lighting & Sound America* (August, 2021) praises it for “**present[ing] information on each project in a clear, comprehensible, and usable format. [...] A cornucopia of information,**” and is called “**the most important work on performing arts design since Leo Beranek’s seminal *Concert Halls and Opera Houses*”** in the *Journal of the Audio Engineering Society* (June, 2021).

Mr. Beckmann has extensive experience in the design of spaces for music performance, where excellent natural acoustics are of paramount importance. He is also well-versed in sound isolation and mechanical noise control, in order to ensure that the enjoyment of performances and study are not interrupted by unexpected noise. He actively develops in-house software tools to facilitate the efficient planning and study of those fields of acoustical consulting, based on techniques that he developed and extended while at Nagata Acoustics.

Using the knowledge and skills gained by consulting on spaces for performance, Mr. Beckmann can creatively address users’ needs for quality acoustics in a variety of project types such as office interiors, meeting and gathering spaces, residential, and educational. Work in existing buildings is also a particular interest for Mr. Beckmann, as exemplified by his multiple projects where performance spaces are



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inserted into existing buildings (e.g., the YOLA Beckmen Center, the Pierre-Boulez-Saal, and the Auditorium Giovanni Arvedi), and helping projects of all types overcome challenging acoustical conditions presented by prevailing circumstances. In addition to serving as a design consultant, often as a part of a larger team, Mr. Beckman has performed multiple reviews of proposed projects to ensure that issues of acoustics are fully integrated into the design and that construction documentation is complete.

Beckmann Acoustics, led by Mr. Beckmann, was responsible for the acoustics on the following projects:

- King of Glory Lutheran Church and School in Williamsburg, VA, with Hopke + Associates (2021)
- Constructability Reviews of new Theater, Media, Industrial Technology, and Facilities Maintenance buildings planned for the Los Angeles (CA) Community College District (various architects and campuses), ensuring full documentation of the project by the design team to minimize changes during construction. (2021 – 2023)
- Renovation of practice rooms at the New World Center, Miami Beach, FL (2020)
- Office Lobby Amenity and Fitness Center at 11755 Wilshire Blvd (Los Angeles) with RIOS (2024)

Presently, Mr. Beckmann is engaged on the following projects:

- Concert Hall (600-700 seats) for the Midwest Young Artists Conservatory (Highwood, IL), with Booth Hansen
- Rehabilitation of the 300-seat theater at the historic Educational Cultural Complex campus of the San Diego Community College District, with HGA Architects
- Hollywood Arts Collective, the redevelopment of a historic building on Hollywood Boulevard (Los Angeles, CA) including a 75-seat theater for dance, and associated training center, with HGA Architects, for the Entertainment Community Foundation



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- Tenant Improvements for Homeboy Industries including Assembly Space and Recording Studio, with Torres Architects, Los Angeles
- Two new commercial developments in Los Angeles, CA, with HGA Architects
- Office TI renovation for private client, with RIOS, Beverly Hills, CA

While at Nagata Acoustics, Mr. Beckmann was the project manager on the following projects, responsible for acoustical design and coordination:

- Pierre Boulez Hall at the Barenboim-Saïd Akademie, Berlin, Germany (2017) Architect: Gehry Partners, LLP
- Kauffman Center for the Performing Arts, Kansas City, MO, USA (2011) Architect: Moshe Safide Associates
- The Conrad Prebys Performing Arts Center, La Jolla, CA (2019) Architect: Epstein Joslin Architects, Inc.
- New World Center, Miami Beach, FL, USA (2011) Architect: Gehry Partners, LLP
- Calderwood Hall at the Isabella Stewart Gardner Museum, Boston, MA, USA (2012) Architect: Renzo Piano Building Workshop
- Auditorium Arvedi at the Museo del Violino, Cremona, Italy (2013) Architect: ArkPaBi
- Beckmen YOLA Center at Inglewood (2021), Inglewood, CA Architect: Gehry Partners, LLP
- NEOJIBA Parque do Queimado, Salvador, Brazil (2019) Architect: Butikofer de Oliveira Vernay (Lausanne), Sergio Ekermann (Salvador)
- Rice Moody Center for the Arts, Houston, TX (2017) Architect: Michael Maltzan Architecture
- Paul Brest Hall at Stanford University, Acoustical Improvements (2014)
- Activities Center at the Lou Ruvo Brain Institute, Las Vegas, NV, USA (2010) Architect: Gehry Partners, LLP
- Nine concert halls for the FundaMusical Bolivar in Venezuela (unfinished)

Additionally, Mr. Beckmann assisted on the following projects:

- Elbphilharmonie, Hamburg, Germany (2017) Architect: Herzog+de Meuron



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- Musco Center for the Arts at Chapman University, Orange, CA (2016)
Architect: Pfeiffer Partners
- Zaryadye Concert Hall, Moscow, Russia (2018) Architect: TPO Reserve
- San Francisco State Creative Arts Center, San Francisco, CA (2008-11, unrealized) Architect: Michael Maltzan Architecture
- Soka University Performing Arts Center, Aliso Viejo, CA (2011) Architect: Zimmer Gunsul Frasca
- Bing Concert Hall at Stanford University, Palo Alto, CA (2011) Architect: Ennead Architects
- Fondation Louis Vuitton, Paris, France (2014) Architect: Gehry Partners, LLP
- Acoustical Renovation of Orchestra Hall, Chicago, IL (2012-14, unrealized)
- Shanghai Symphony Hall, Shanghai, China (2014) Architect: Arata Isozaki

Some of Mr. Beckmann's publications are:

- "Acoustical Design of New World Center, Miami Beach, FL" *The Journal of the Acoustical Society of America* 130, no. 4 (2011): 2535-35
- "Acoustical Design of Calderwood Hall at the Isabella Stewart Gardner Museum" *The Journal of the Acoustical Society of America* 132, no. 3 (2012): 1894-94
- "Acoustical Design of Helzberg Hall at the Kauffman Center for the Performing Arts" *The Journal of the Acoustical Society of America* 132, no. 3 (2012): 1894-94
- "Acoustical Design of Muriel Kauffman Theatre at the Kauffman Center for the Performing Arts" *The Journal of the Acoustical Society of America* 132, no. 3 (2012): 1894-94
- "Acoustic Tests With 1:10-Scale Model: Elbphilharmonie Case Study" *Proceedings of the Institute of Acoustics* 40 pt. 3 (2016): 97-104
- *Concert Halls by Nagata Acoustics: Thirty Years of Acoustical Design for Music Venues and Vineyard-Style Auditoria*. Springer, 2020
- "New Reflections" *Auditoria 2023 Annual Showcase* (2023); 50-53