**Center for Design Research**

School of Architecture, College of Architecture, Arts, and Design, Virginia Tech

Abbreviated list of Significant Events

2002 *U.S. D.O.E. Solar Decathlon Competition*: the Mall, Washington D.C.

 *The Art of Integration,* BP Award for Most Innovative House

<https://news.vt.edu/articles/2003/04/2003-117.html>

2003 *International Contemporary Furniture Fair*, Javits Convention Center, NYC

 Invited Exhibition: *The Art of Integration*: *Technology and Aesthetics*

Frist Prize for School Exhibitions

[*https://news.vt.edu/articles/2003/06/2003-180.html*](https://news.vt.edu/articles/2003/06/2003-180.html)

2005 *International Contemporary Furniture Fair*, Javits Convention Center, NYC

Invited Exhibition: *Material Presence*: *Experiments in Processes and Materials*

<https://news.vt.edu/articles/2005/05/2005-781.html>

2005 *U.S. D.O.E. Solar Decathlon Competition*: the Mall, Washington D.C

 *No Compromise*, First Place – Architecture, Dwelling, Natural Light, Electric Light

 <https://news.vt.edu/articles/2005/09/2005-997.html>

<https://drive.google.com/drive/folders/137ZBkClB7aT5gaPnVrfBF7gBXhbN5vxp>

2007 *Extreme Makeover/Home Addition,* Blacksburg, Virginia

Design and construction of a Six Day house, 20 million viewers tuned into a special two-hour production of the popular show

[*https://news.vt.edu/articles/2006/01/2006-22.html*](https://news.vt.edu/articles/2006/01/2006-22.html)

[*https://news.vt.edu/articles/2006/01/2006-49.html*](https://news.vt.edu/articles/2006/01/2006-49.html)

2008 *Portable laboratory on Uncommon Ground (PLUG),* Tanzania, Africa

Design, fabrication, and set up in Africa of a special live/work outpost for Vet Med researchers studying communicable diseases in the field

<https://news.vt.edu/articles/2007/01/2007-28.html>

<https://news.vt.edu/articles/2009/04/2009-275.html>

2008 *Milan Furniture Fair,* Milan, Italy

Invited Exhibition, thirteen students traveled to Italy to present their work at the world’s most prestigious exposition of leading designers

<https://news.vt.edu/articles/2008/04/2008-259.html>

2009 *International Contemporary Furniture Fair*, Javits Convention Center, NYC

Invited Exhibition*: Industrialized Furniture*

<https://news.vt.edu/articles/2009/05/2009-430.html>

2009 *Cologne Furniture Fair,* Cologne, Germany

 <https://news.vt.edu/articles/2009/02/2009-87.html>

2009 *Research Progress-Parametric Design*, Taubman Museum of Art, Roanoke, Virginis

 Invited Exhibition: Prototypes for LumenHAUS

 <https://news.vt.edu/articles/2009/05/2009-439.html>

2010 *International Solar Decathlon Competition*: Madrid, Spain

 *LumenHAUS* awarded First Place

<https://news.vt.edu/articles/2010/06/062910-caus-lumenhauswins.html>

<https://www.youtube.com/watch?v=1OSrTKklGOI&t=18s>

2011 *LumenHAUS on Times Square,* NYC

 Invited Exhibition: *LumenHAUS – Innovative Building and Alternative Energy*

[*https://news.vt.edu/content/news\_vt\_edu/en/articles/2010/01/2010-54.html*](https://news.vt.edu/content/news_vt_edu/en/articles/2010/01/2010-54.html)

2012 *International Contemporary Furniture Fair*, Javits Convention Center, NYC

Invited Exhibition*: The Urban Garden*: Innovative Building Skins, Industrialized Processes

2012 *AIA National Honor Award for Architecture, Washington D.C.*

 *LumenHAUS* recognized as one of nine *Best Works* of Architecture in 2012

[*https://news.vt.edu/articles/2012/01/011312-caus-lumenhausaia.html*](https://news.vt.edu/articles/2012/01/011312-caus-lumenhausaia.html)

<https://www.youtube.com/watch?v=g70b13SEiy4>

<https://drive.google.com/drive/folders/1oNFVn_vWlZuuCyTetCAHjDXDFnP9DlVD>

2012 *Farnsworth House,* Plano, Illinois

Invited Exhibition: LumenHAUS exhibited at the Farnsworth House in dialog with iconic precedent and technological innovation sixty years apart

<https://news.vt.edu/articles/2011/10/102511-unirel-causopenhouse.html>

<https://news.vt.edu/articles/2012/05/051512-caus-aiasolar.html>

2015 *Design Robotics Summit,* Blacksburg, Virginia

A CDR collaborative colloquium on evolving technology including University of Tennessee, University of Virginia; Randolph-Macon College; Columbia College of Chicago; and Rhode Island School of Design, industry members from Autodesk [*https://news.vt.edu/articles/2015/04/041615-caus-robotics.html*](https://news.vt.edu/articles/2015/04/041615-caus-robotics.html)

2015 *Autodesk Technology Residence Program*

CDR sponsored by Autodesk to send students to the BUILD Space in Boston to advance undergraduate and graduate research

chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://archdesign.caus.vt.edu/wp-content/uploads/2019/03/BUILDSpace\_CDRNewsArticle-v2.pdf

2015 *Design Biennial Boston – Lo-Fab Grid Shell Structure*

CDR Researchers deploy experimental robotically fabricated Grid Shell Structure

<https://news.vt.edu/content/news_vt_edu/en/articles/2015/07/073115-caus-pavilion.html>

*2015 Eco-Park Learning Center Research Project,* Prince William County, Virginia

Applied research project to develop a Leaning/Research Center on the PWC landfill site

chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://archdesign.caus.vt.edu/wp-content/uploads/2019/03/Eco-Park-CDRNewsArticle\_v1\_.pdf

2015 *International Contemporary Furniture Fair*, Javits Convention Center, NYC

Invited Exhibition: F*.A.B.R.I.C.A.T.I.O.N. : Technological Material Transformations*

[https://news.vt.edu/articles/2015/05/051515-caus-icff.*html*](file:///Users/dunayr/Desktop/cdr/active/Prince%20William%20County%20%E2%80%93)

2016 *Impact Design Summit,* National Building Museum, Washington, D.C.

Collaboration with Autodesk, theme: how to practice impact design sustainably and responsibly in today’s world?

<https://docs.google.com/document/d/1YkjRu1uygllSwT6WW3UX_3gWURIiOfLG/edit>

2017 *International Contemporary Furniture Fair*, Javits Convention Center, NYC

Invited Exhibition: *TECHNOLOGY + TRADITION: Explorations at the Intersection of High-Tech and High-Craft*

<https://news.vt.edu/articles/2017/05/CAUS-ICFF.html>

*2018 Malawi Library, Mzuzu University, Malawi Africa*

Design of a new university library now under construction

<https://www.wdbj7.com/content/news/Virginia-Tech-team-designing-replacement-Malawi-library-following-a-fire-474126733.html>

 <https://news.vt.edu/articles/2018/02/univrel-mzuzulibrary.html>

 <https://news.vt.edu/videos/k/2018/05/1_t9ax7cq7.html>

*2018 International Middle East Solar Decathlon,* Dubai, United Arab Emirates

 FutureHAUS awarded First Place

 <https://news.vt.edu/articles/2018/11/eng-caus-futurehausresults.html>

 <https://architizer.com/projects/futurehaus-dubai/>

2018 *International Contemporary Furniture Fair*, Javits Convention Center, NYC

Invited Exhibition:  *PART / PROCESS: Additive Manufacturing, Processes, and Material*

[*https://news.vt.edu/articles/2017/05/CAUS-ICFF.html*](https://news.vt.edu/articles/2017/05/CAUS-ICFF.html)

*2019 FutureHAUS on Times Square,* NYC

 Invited Exhibiton,

[https://video.vt.edu/media/FutureHAUS+steals+the+spotlight+in+Times+Square/1\_z695bibn](https://video.vt.edu/media/FutureHAUS%2Bsteals%2Bthe%2Bspotlight%2Bin%2BTimes%2BSquare/1_z695bibn)

2019 *International Contemporary Furniture Fair*, Javits Convention Center, NYC

Invited Exhibition: PROTOTYPES

2020 *World Exposition*, Dubai, United Arab Emirates

 Invited Exhibition, FutureHAUS – the only U.S. representative at the World Expo

 <https://news.vt.edu/articles/2021/04/unirel-futurehaus-2021.html>

2023 *Modeling A Vision*, Branch Museum for Architecture and Design, Richmond, Virginia

 Invited Exhibition, 20 Year Retrospective of CDR Projects, July – September

 <https://news.vt.edu/articles/2023/08/CM-CDRexhibit.html>

<https://drive.google.com/drive/folders/1xyhRcHBDZYnrtkP34GsLoC4AE-auZ8d6>

2023 Democratizing Design Technology, MoB Studio, VCU, Richmond, Virginia

Grant to increase research collaboration between Virginia Tech, Hampton University and Howard University

<https://news.vt.edu/articles/2023/09/CM-democratizingdesignrobots.html>