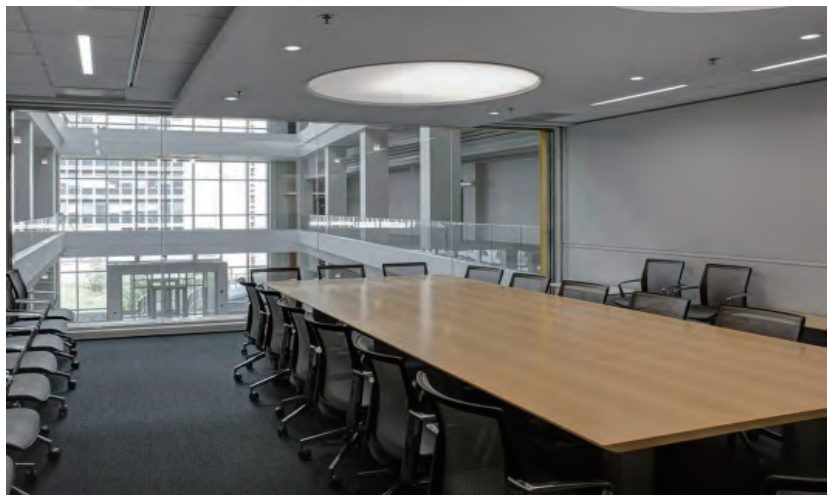
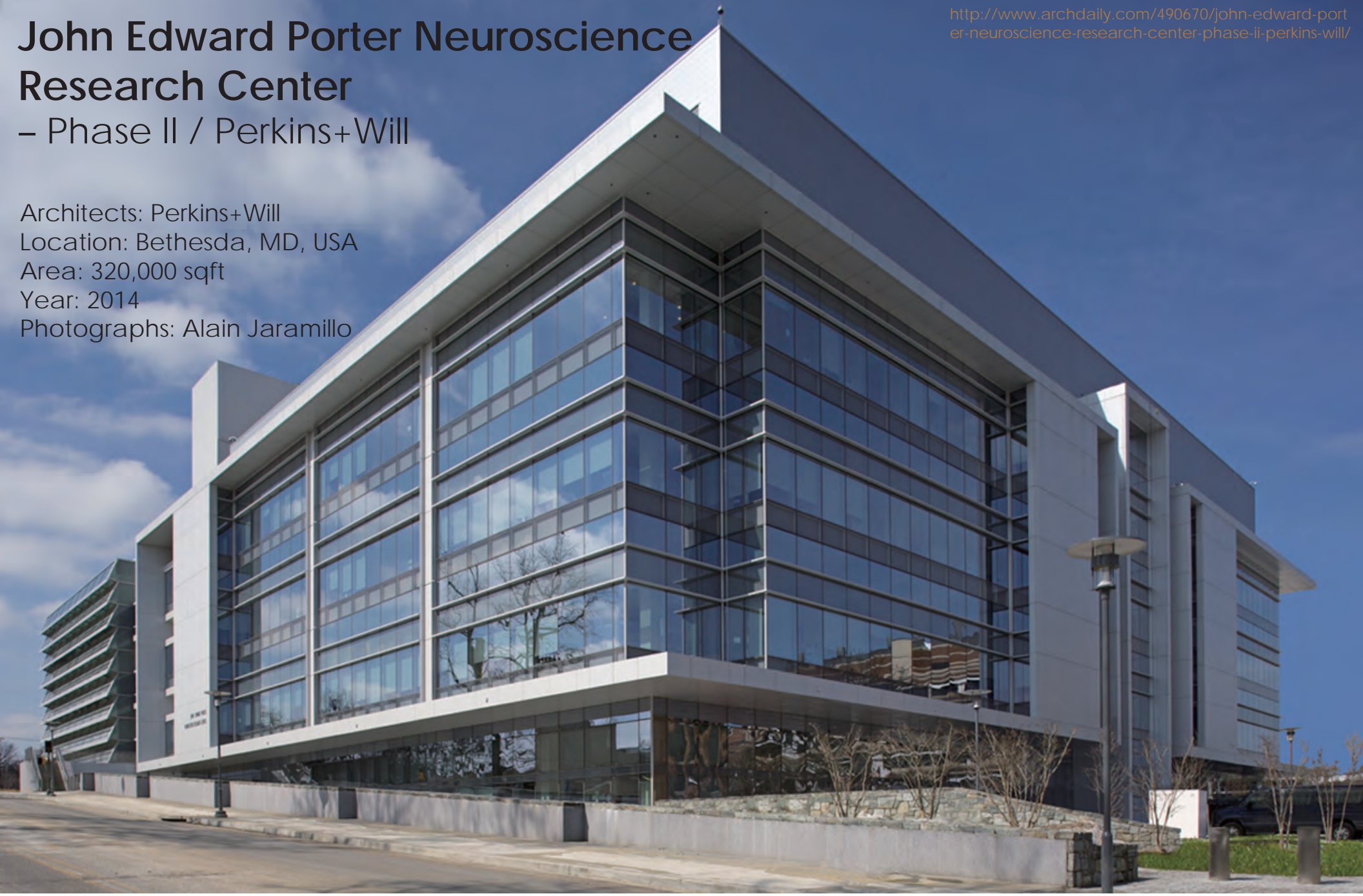


# John Edward Porter Neuroscience Research Center

## – Phase II / Perkins+Will

<http://www.archdaily.com/490670/john-edward-porter-neuroscience-research-center-phase-ii-perkins-will/>

Architects: Perkins+Will  
Location: Bethesda, MD, USA  
Area: 320,000 sqft  
Year: 2014  
Photographs: Alain Jaramillo

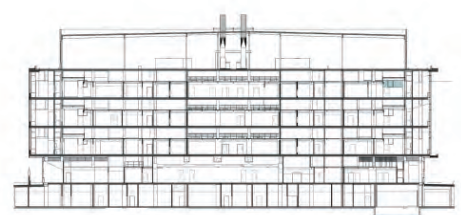
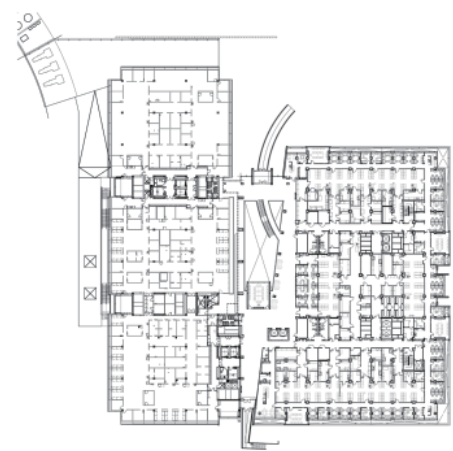


Global architecture and design firm Perkins+Will announces the completion of Phase II of the National Institutes of Health’s (NIH) John Edward Porter Neuroscience Research Center.

“This project is one of the first to address President Obama’s federal initiative for more energy efficient buildings,” said Principal and Science and Technology Global Market Leader Dan Watch, AIA, LEED AP. “The project is designed with the latest and best technology to be highly energy efficient.”

A variety of innovative sustainability features were integrated into the facility including geothermal wells; ground source heat pumps; chilled beams; LED lights; and a photovoltaic array which augments energy generation and usage. The research center is also home to a technologically advanced MRI suite, the first of its kind in the world, which is capable of providing high resolution imaging.

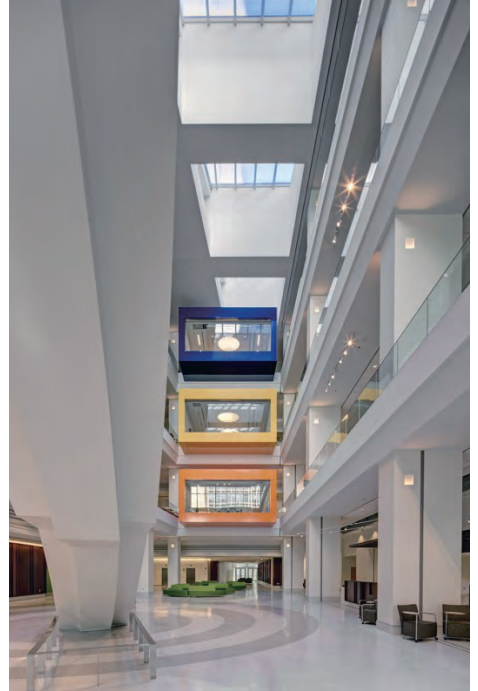
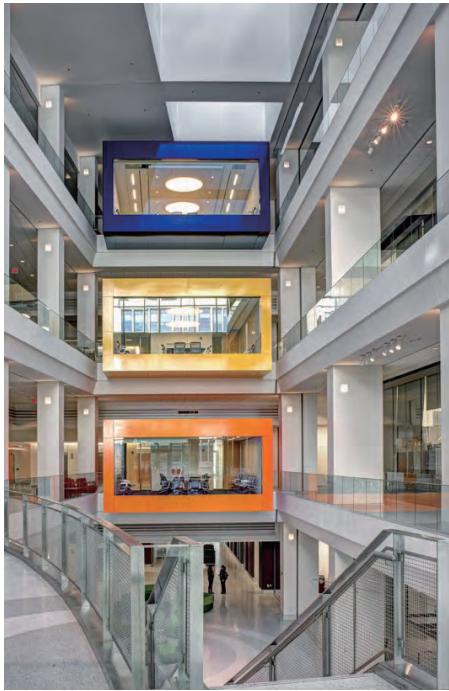
“The project’s design intent was to create a welcoming and efficient environment that supports innovation and discovery,” said Principal and Design Director Manuel Cadrecha, AIA, LEED AP.



The project team designed spaces that encourage collaboration and communication; utilize flexible laboratory architecture that can change over time; and accommodate diverse research approaches from cell culture to computer science. The second phase of the project is inextricably linked with the first phase, completed in 2004, and together they encompass the largest neuroscience facility in the United States and fulfill the original vision of a state-of-the-art, interdisciplinary biomedical research facility. The Perkins+Will project team worked closely with notable scientists throughout the programming and design phases of the project and prioritized their specific need for a highly customized and flexible work environment.

Located on the western edge of NIH’s Bethesda, Maryland campus, the 320,000 square foot research center is comprised of ten different institutes including the National Institute of Neurological Disorders and Stroke (NINDS) and the National Institute of Mental Health (NIMH).

Working together scientists will further groundbreaking discoveries and medical advancements impacting neuroscience research globally.



**Civil Engineer:** William H. Gordon Associates, Inc

**Electrical Infrastructure:** Johnson Bernat & Associates

**Mechanical, Electrical, Plumbing & Fire Protection:** Affiliated Engineers Metro DC, Inc

**Structural Engineer:** Cagley & Associates

**Landscape Architecture :**Jordan Honeyman

**Lighting:** Debra Gilmore

**Blast Resistance:** Wiedlinger Associates, Inc.

**Acoustics & Audio-visual:** Miller Beam & Paganelli

**Vibration:** Colin Gordon Associates

**Vertical transportation:** Lerch Bates

**Nmp Engineers:** Maryland Dept. of the Environment Permit

**Construction Management:** Whiting-Turner

**Program Management:** Jacobs

**Owner:** John Edward Porter Neuroscience Research Center National Institutes of Health (NIH)