Peretsman-Scully Hall and Princeton Neuroscience Institute Fact Sheet

- **Project description:** New home for the University’s psychology department (Peretsman-Scully Hall) and the Princeton Neuroscience Institute, including teaching, faculty research and office spaces.

- **Location:** West of Washington Road between Faculty Road and Ivy Lane, south of Icahn Laboratory.

- **Timeline:**
  - Construction began — Spring 2010.
  - Construction completed — Fall 2013.
  - Full occupation — January 2014.

- **Architect selection:** José Rafael Moneo Arquitecto of Madrid in collaboration with Davis Brody Bond, a New York City firm, and Michael Van Valkenburgh Associates of Brooklyn, N.Y., landscape architect, Summer 2006.

- **Architecture style:** Modern.

- **Project configuration:** Single structure with two wings — one housing Peretsman-Scully Hall, the new home of the Department of Psychology complete with laboratories, office and conference spaces, and the other named the Princeton Neuroscience Institute, which will also house laboratories, office and conference spaces. Shared amenities include a study area, auditorium and teaching classrooms.

- **Dimensions:**
  - Project size (building area): 248,000 gross square feet.
—Two levels below grade and five stories above on psychology's Peretsman-Scully Hall and two stories below grade and two above plus a mechanical penthouse on the Princeton Neuroscience Institute.

• **Building materials:**

—Exterior facade composed primarily of high-performance glazing set within an aluminum framed curtain wall; glazed curtain wall extends through the two-story entry interior. Portions of the curtain wall are clad in a "cast glass" skin from architectural glass firm Cricursa in Barcelona, Spain.

—Devonian Stone sandstone panels set beneath the facades all sides. This stone is also used throughout the facility as both flooring and wainscoting.

—White oak serrated paneling at various levels throughout the facility including the auditorium.

—White oak wood and white painted metal cabinets with black epoxy resin tops in the laboratories; gray rubber and epoxy flooring used throughout the research areas.

—Sycamore-veneered, custom-designed offices furnishings in all faculty offices.

• **Sustainability features (integrated within the building design):**

—High-performance exterior glazing with cast glass panels to optimize ambient daylighting of interior spaces while controlling heat gain.

—High-efficiency fume hoods with automatic sash closers that will reduce both air supply and exhaust requirements, and heat recovery systems that will capture energy from lab exhaust.

—Graywater system, including a 12,000-gallon rainwater collection cistern that will collect and recycle stormwater for nonpotable uses.

—Occupancy and daylight sensors for control of dimmable fluorescent lighting systems.

—Integrated mechanical systems utilizing extensive use of chilled beam technology.

—Radiators that heat the individual offices, and ceiling-mounted chilled beams — linked to the room's thermostat — that directly cool the office air by passive convection currents.

—Landscaped rain gardens and biofiltration areas that will retain and filter additional building and site stormwater.

—Extensive re-landscaping of the site, resulting in reduced impervious surface.
• **Building occupants:** The entire psychology and neuroscience departments will be relocated from their existing homes in Green Hall and Icahn Laboratory. When the building is fully operational, occupants will include up to 50 faculty, 30 departmental staff and 250 to 300 graduate students, postdoctoral fellows and research staff.

• **Administrative and faculty spaces:** The building contains offices for all faculty members, plus offices for administrative staff of the Department of Psychology and Princeton Neuroscience Institute.

• **Student study and classroom spaces:** Auditorium seating approximately 145, and neuroscience teaching labs accommodating up to 25 students at a time. There are two other classrooms each holding 30 and 40 students, respectively, as well as a 20-seat computer classroom.

• **Amenities:** The study hall includes study tables and outdoor café-style seating. Social spaces on upper levels are intended as interaction zones for faculty and students. Shared conference rooms on upper levels are designated for faculty and research group use.

• **Landscaping highlights:**
  
  — The naturalistic woodland of Lake Carnegie and the adjacent stream valley will be extended onto the site. A nature path will continue through this area, past rain gardens providing biofiltration of stormwater.

  — The new building will front on a multi-nodal pedestrian plaza. Located between Icahn Laboratory, Poe Field and the western terminus of Streicker Bridge, the plaza will serve as an active gathering and circulation space.

  — Landscape improvements will extend south from the plaza alongside Roberts Stadium to connect to Bedford Field and Sherrerd Field at 1952 Stadium.

• **Named for:**
  
  — Nancy Peretsman ’76 and her husband, Robert Scully ’72

• **Project team:** Davis Brody Bond LLP, executive architect; José Rafael Moneo Arquitecto, design architect; Barr and Barr Construction Co., construction manager; Arup, engineering (structural, mechanical, electrical, life safety, lighting); Michael Van Valkenburgh Associates, landscape architect; Van Note Harvey and Judith Nitsch Associates, civil engineering; Fisher Marantz, lighting designer; and SMW, audio-visual systems.