MAKING HISTORY
THE CAMPAIGN FOR PENN

Penn Arts & Sciences

The Krishna P. Singh Center for Nanotechnology

Our Vision

The manipulation of single molecules to create new materials and devices that operate on a minuscule scale is a revolution that will catalyze a generation of new technologies. The emerging field of nanoscale research – the science of the infinitesimal – offers the potential to clean up pollution, store our short-term memories, and even extend our lives.

Positioned already at the forefront of this field – the most revolutionary of the new century – Penn seeks to remain at the cutting edge. Our vision calls for facilities that promote research collaborations among engineers, biologists, physicists and chemists. The faculty that we recruit and retain will be the leaders in their field who contribute to groundbreaking discoveries and educate the next generation of leading nanoscience students and scholars. And, building on the excellence of its program and its location in Philadelphia, Penn will become a regional hub and a partner with industry in nanoscale development and commercialization.

Our Need

Many of Penn's research facilities were created for the science of the past. We must now rise to the challenge of creating a building for the science of the future. In the case of nanoscale research, a "cleanroom," as nanoscience laboratories are called, must be totally free of three types of interfering phenomena including dust, vibration and electromagnetic fields. These stringent limitations mean that retrofitting existing buildings is simply not an option: a nanoscale research facility built properly must be built from the ground up.

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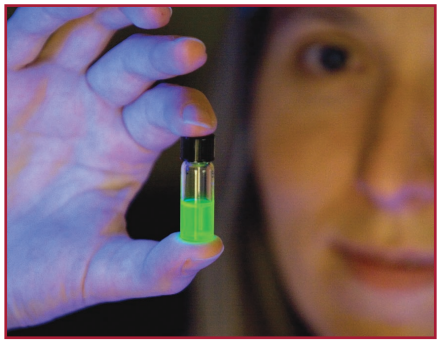

To that end, the School of Engineering and Applied Science and the School of Arts and Sciences have joined forces to realize a shared priority: the construction of a state-of-the-art nanoscale research and teaching facility on the 3200 block of Walnut Street. At the leading edge of Penn's eastward expansion, the building will become a major element in the University's strategic development plan, Penn Connects.

Supporting the Krishna P. Singh Center for Nanotechnology

The University is seeking to raise $70 million for the construction of the Krishna P. Singh Center for Nanotechnology. *Full architectural plans are being developed for this building. Naming opportunities will be available at a variety of levels.*