

## State University of New York at Syracuse

Institute for Human Performance, Rehabilitation and Biomedical Research  
Syracuse, New York



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This facility for education, research and patient care is a four-story structure accommodating a 19,000-square-foot gymnasium, a 75 foot long medical research swimming pool, a full-service orthopedic treatment center and 100 state of the art flexible lab modules. It is the first phase of a two phase project, both of which were designed by Gwathmey Siegel & Associates Architects.

The building is divided into three parallel laboratory wings joined by two skylighted atriums. A convex entrance welcomes the public and allows light deep into the atrium at ground level, making the transition from external to internal virtually imperceptible. Laboratory wings contain research laboratories grouped in units of ten. The tenfold modular is designed for maximum efficiency and flexibility and facilitates mechanical and utility reconfigurations.

At ground level, the skylighted atrium covers the main entrance/circulation space, and

at second level, the public gymnasium. At third and fourth levels, laboratory facades are pierced by windows that overlook the atriums and allow natural light into research units. Views from laboratory windows across to opposite wings, below to public spaces enhance a sense of community and create a collegial atmosphere.

The design evolved from precise and extensive technical criteria and provides climate controlled spaces for multiple medical and recreational functions. Public and private domains are expressed and separated through the manipulation of natural light and by solid/void relationships.



*Human Performance Research Atrium*

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*Research swimming pool*



*Indoor track*



*Typical lab module*



*Laboratory*

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### Key Project Information

- 100 flexible lab modules
- 19,000 sf gymnasium
- 75 foot long, four-lane medical research swimming pool
- orthopedic treatment center
- four-story parking structure expansion planned

- completion 1999
- gsf 200,000



Entry



Entry atrium