**Scope of Work**

The purpose of this project was to reroof the original +40 year old roof of the Intramural Activities Building (IMA). It did not include the newer 2001 IMA addition roof area. The old roof total area area was 79,465 sf, which was divided up into 5 roof areas. There were 4 gym roof quadrants that were about +12,100 sf each, and a center roof section that included an added chiller and a box mechanical unit that was added with the 2001 addition. The project also included safety improvements and permit-required energy improvements (R21).

**Accomplishments**

**Energy:** Reduced annual net energy consumption by 10% for every 3 year increment. Installed submeters and web-based monitoring systems. Provided on-site power generation. Incorporated PV technology. Designed for annual net zero energy usage and to connect to smart grid technology. Installed on site renewable energy systems.

**Materials:** Specified durable products with minimal maintenance, asbestos-free materials, and materials with high recycled content.

**Beauty and Inspiration:** Provided educational materials to share successful solutions to motivate others to make changes.

**Management Practices:** Hired an exterior envelope consultant to field verify air tightness of the building envelope. Provided and occupant user manual to influence energy usage. Collected and provided feedback on products that worked or failed.