



Laboratory



Fume Hood



Laboratory



Project Profile

Drake Hall

Client:

University of Delaware

Design Professional:

Kling Stubbins

Location:

Newark, DE

Delivery Method:

Construction Management

Key Challenges:

- Executing the carefully developed project phasing plan in order to allow the building to continue full operations 24 hours per day, seven days per week
- To value engineer the reduction of 40% of the original project's scope while maintaining the building's program.

Bancroft renovated the complete Heating, Ventilation, and Air Conditioning (HVAC) systems of a wet chemistry research and development (R&D), chemistry, and teaching building originally constructed in 1972. The building contains 30 active laboratories with 87 fume hoods.

The project included structurally supporting the new central exhaust system by retrofitting steel in the building's roof. Mechanically, the 87 independent exhaust systems were modified to a new state-of-the-art central manifold system with individual variable speed fans.