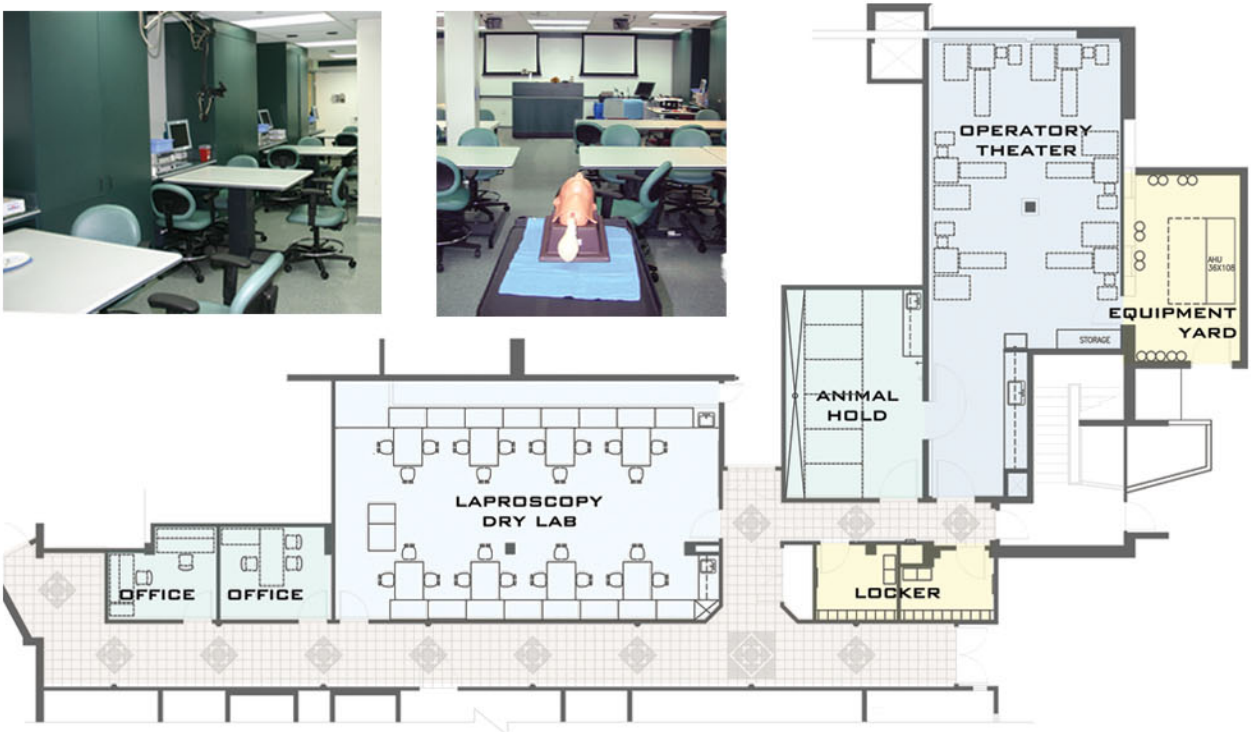


Surgical Skills Training Center

University of Southern California
Los Angeles, California



API provided Programming, Planning, Architectural, Engineering and Interior Design services to construct the first of its kind in the world, state-of-the-art surgical skills training center in an existing subterranean parking garage. Constructed in 1951, the existing building did not have the infrastructure to support the project requirements. The challenge was in providing two separate new HVAC systems; one with recirculating air designed for occupied spaces and another one for an animal holding area

and operating room with 100% fresh air intake. All within the restricted slab to slab clearance of a parking garage and still provide adequate ceiling height to install surgical lights and audio/visual equipment to broadcast the procedures to other spaces within the University and outside. The facility includes a six station operating room for surgeries and endoscopy procedures, a twenty-four station dry lab with adjustable eight workstations, an animal hold room and support spaces.

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"This project was one of the more complicated projects that I have been involved with because of the restrictive floor to ceiling heights...The diligence and creativity in the execution of the project by API was phenomenal. The benefit of dealing with a smaller firm is the involvement of the principals and that is a particular strength of this firm. However, the team of engineering partners they assembled for the project was also exceptional.

The challenge to shoe horn so much infrastructure into a space without robbing the project of precious academic teaching space was accepted and completed with ingenuity and exceptional style.

The team led by Ali Sadeghi and Mitra Farokhpay of API helped produce a world class facility for laparoscopic training of which I am very proud and that continues to be visited as a model of design excellence."

*Phillip Harris
Senior Business Officer*

