Telemedicine Resource Center & Rural PRIME Facility

**Project Scope**

- Four-story addition to UC Davis School of Medicine Education Building
- 51,379 gross square feet
- Total project cost of $36,000,000 *(includes approximately $6M for equipment)*
- June 2010 completion
First UC Davis telemedicine initiative dates back to 1992.

Tradition of outreach to underserved rural communities.

Builds on many successful partnerships.

Building on UC Davis strengths in Telemedicine.

Telemedicine Resource Center & Rural PRIME Facility.
By 2015, California will face a shortage of 17,000 doctors…many in rural areas.

Source: Office of Statewide Health Planning
Telemedicine Resource Center & Rural PRIME Facility

- Linkages to 100+ organizations
- 18,000 inpatient and outpatient video consultations
- Pediatric critical care / emergency services
- Telemedicine Learning Center
- Distance education
- FamilyLink
- Video interpreting
Project Goals

- Provide a *training resource* for entire UC system
- *Enhance learning* opportunities for all medical students and other members of the healthcare team at UC Davis
- Facilitate implementation of Rural PRIME Program

Training the next generation of physicians to use telemedicine to improve the quality and accessibility of healthcare
Telemedicine Resource Center & Rural PRIME Facility

Key Program Elements

Center for Virtual Care
- Simulation rooms and support
- Mock exam rooms

Telemedicine Learning Center
- Smart classrooms
- Breakout rooms
- Mock exam rooms
- IS/ technology support

Telemedicine Consultation Center
- Consultation rooms
- Research laboratory
- Distance learning
- Offices

Operations Center: California Telehealth Network
Telemedicine Resource Center & Rural PRIME Facility

Education Building Design Approval: June 2004

- Foster cohesive image
  - Campus context
  - Consistent use of materials (building and site)
  - Detailing and fenestration
- Complement urban design
  - Pedestrian connections
  - Exterior spaces
- Architectural interest
Telemedicine Resource Center Design Goals

- Complementary Addition to the Education Building
  - Materials
  - Detailing
  - Interior Circulation

- Reinforce Campus Urban Design
  - Pedestrian connections
  - Definition of exterior spaces

- Architectural Interest and Identity
Telemedicine Resource Center & Rural PRIME Facility

Project Site and Context
Telemedicine Resource Center & Rural PRIME Facility

Floor Plan: 1st Floor

Existing

Telemedicine Learning Center
Floor Plan: 2nd Floor

Telemedicine Resource Center & Rural PRIME Facility

Existing

Telemedicine Outreach and Program Development
Telemedicine Resource Center & Rural PRIME Facility

Floor Plan: 3rd Floor
Telemedicine Resource Center & Rural PRIME Facility

Floor Plan: 4th Floor

Existing

Telemedicine Consultation Center and Distance Learning Support
Telemedicine Resource Center & Rural PRIME Facility

North Elevation
Telemedicine Resource Center & Rural PRIME Facility

East Elevation
Telemedicine Resource Center & Rural PRIME Facility

Existing

New

South Elevation
Telemedicine Resource Center & Rural PRIME Facility

View from the Northeast
Telemedicine Resource Center & Rural PRIME Facility

- **Education Building Tiered Focused EIR in 2004 included Phase 2 (aka Telemedicine Resource Center & Rural PRIME Facility)**

- **Tiered Focused EIR: Public Review 4/12/04 – 5/26/04**
  - Significant and Unavoidable Impacts:
    - Transportation (Increased cumulative traffic)
    - Air Quality (Increased cumulative traffic)

- **Project conforms to UC Green Building Policy Silver**
  - Energy Performance
  - Waste Diversion
  - Resource Re-use
  - Recycled Building Materials
  - IAQ Management
  - Low Emission Materials
  - Daylighting
Materials

- Precast Concrete
- Aluminum
- Painted Metal
- Tinted Glass
Seismic Braced Frames