

Preparation of a Facility Study for New Mexico State University (NMSU) College of Education, Las Cruces, NM

Architectural Research Consultants, Incorporated (ARC) was consultant to Van H. Gilbert Architects to prepare a development plan for NMSU's College of Education (CoED). The focus of the development plan is to provide new and renovated facilities for O'Donnell Hall that consolidates CoED departments and programs currently in four other buildings into three colocated schools. NMSU plans to seek potential implementation funding as part of a statewide general obligation bond in 2020 or 2022.

CoED's strategic vision is to create a new community that is collaborative and transformative, and move away from the current departmental structure by combining its five departments and STEM programs to create three schools.

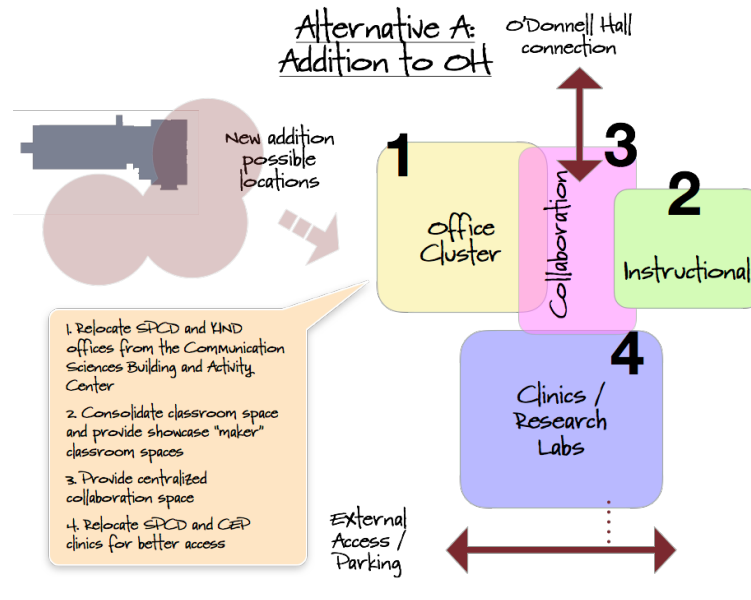
ARC's role was to identify the functional and operational requirements for existing and projected CoED needs. The second phase of the project will be design services to complete the planned project after the successful passage of the general obligation bond.

Based on comprehensive research and interviews regarding CoED programs and space use, ARC developed three development conceptual alternatives as means to meet project goals to consolidate CoED functions and promote collaboration:

- An addition/renovation to O'Donnell Hall
- A reduced size addition to O'Donnell Hall with selected renovations
- Consolidation within O'Donnell Hall without creating any additional square footage with selected renovation

Client: New Mexico State University

Completion: 2018



Left: Illustration of a conceptual alternative on an addition to O'Donnell Hall

Below: matrix of pros and cons of alternatives

Legend for matrix:

- Yes (best)
- Partial
- No (worst)

Key Metrics	A. Addition	B. Reduced Addition	C. Consolidate without Addition
Cost Range (TPC, \$M)	\$7.0 - 9.5	\$5.0 - 6.7	\$2.4 - 3.0
New Square Footage	28,100	15,400	None
Consolidate CoED Functions?	■ No CoED facilities remain in the Communication Sciences Building. Offices and clinics are consolidated between OH and RH. Kinesiology labs remain in the Activity Center	■ No CoED facilities remain in the Communication Sciences Building. KIND offices and labs remain in the Activity Center. Offices are not consolidated	■ No CoED facilities remain in the Communication Sciences Building. Kinesiology labs remain in the Activity Center. Three and a half classrooms remain in OH requiring classes to be held elsewhere
Offices	■ Faculty and staff consolidated between OH and RH	■ KIND offices remain in the Activity Center	■ Faculty and staff consolidated between OH and RH
Instructional Space	■ Opportunities for "maker spaces"	■ Classrooms renovated for "maker spaces"	■ Dedicated CoED classrooms are taken out of service
Collaborative Space	■ Provided	■ Provided	■ Not provided
Clinics / Research Labs	■ New consolidated clinics address privacy needs. Easily accessible	■ Not consolidated	■ CEP Clinic remains substandard. Clinics consolidate to OH. Labs are not consolidated
Quality of Space	■ New facilities, opportunity for state-of-the-art learning and research environments	■ Offices in Activity Center are substandard	■ Opportunity for state-of-the-art learning and research environments in the renovation. Kinesiology lab spaces and CEP clinic are substandard