Alteration and Renovation

UAA
Clinical-Translational Research Center (CTRC)
UAA CTRC Goals

1. Allow faculty with significant prior experience in translational health sciences, but who have not participated in previous Alaska INBRE cycles, to become active, engaged participants to further build biomedical research capacity in Alaska.

2. Provide infrastructure to facilitate the development of research experiences, theses and dissertations of a translational nature for health professional undergraduate and graduate students.

3. Disseminate knowledge by using translational research strategies to address significant health problems for Alaska.

4. Increase the number of biomedical faculty using translational research approaches to address the unique Alaskan environment, people and exposure to environmental agents.
What CTRC Will Provide UAA & Alaska INBRE

- Dedicated space for CTR
- Engage faculty in CTR
  - Currently associated
  - Historically not associated
    - School of Nursing
    - WWAMI School of Medical Education
    - Department of Health Sciences
    - School of Allied Health
- Leverage
  - Basic to translational expertise
  - Teams
    - Basic & translational science
    - Clinical & public health practitioners
    - Community partnerships
Alteration and Renovation: UAA CTRC

A and R funds will be utilized to provide three functional spaces at UAA dedicated to research activities in translational and clinical domains:

1. Reception/desk area for research staff members and research participants
2. Physical exam and sample collection area
3. Biosafety Level 2 (BSL-2) lab for sample processing and data acquisition
As Built
Print/Copy Room
HSB 107
Scale 1” = 5’

Print station
1. computer
2. Knee-height counter
3. Under-counter cabinets
4. Overhead cabinets

Trash receptacles
Wolf-card Station
2) Exam/Sample Collection
   a) Phlebotomy chair
   b) Barrier-free exam table
   c) Welch-Allyn instrument panel
   d) Integrated charting desk & hand washing sink
   e) Sink & under sink cabinet/draw
   f) Overhead locking cabinets

3A) Sample Processing
   a) Under-counter refrigerator
   b) Under-counter draws
   c) Overhead locking cabinets
   d) Epoxy countertop, 36” high

1) Intake & Management
   a) Subject seating
   b) Staff fixed desk area
   c) Under-counter file cabinets
   d) Overhead locking cabinets
Example Equipment
HSB 107
1) Lab Bench
   a) 4’ long overhead open shelving
   b) Epoxy countertop
   c) 3 under-counter rolling draw units

2) Lab Bench
   a) 4’ long overhead open shelving
   b) Epoxy countertop
3B.1) Lab Bench Area
a) Full-length overhead open shelving
b) Epoxy countertop, current ADA height
c) 2 under-counter rolling draw units

3B.2) Lab Bench Area
a) 5.5’ long overhead open shelving
b) Epoxy countertop, 36” height
c) Under-counter Isotemp refrigerator
d) Under-counter Isotemp freezer

A2 Biological Safety Cabinet (3’ or 4’)

Line Drawing
Alteration and Renovation
CPISB 322D, 136nsf
Scale ‘\(\frac{1}{4}\)” = 1’
Example Equipment
CPISB 322D
Budgeted Costs

0 HSB 107
   0 Total project cost $76,600
0 CPISB 322D
   0 Total project cost $61,400