Washington State University
GLOBAL ANIMAL HEALTH BUILDING
SCHEMATIC DESIGN

ZIMMER GUNSUL FRASCA ARCHITECTS LLP
Global Animal Health

Emerging Disease Detection
- Most human infectious diseases emerge from an animal reservoir
- Early detection is required for rapid intervention and prevention
- A two-pronged approach:
  - Discovery and implementation of new diagnostic technology
  - Strategic monitoring of disease emergence

Control of Disease Transmission
- Identifying critical points for cost effective intervention
- Discovery of novel methods to block transmission
- Measuring the effectiveness and impact on human health and development

Life Saving Vaccines
- Blocking animal to human disease transmission
- Preventing animal diseases that limit economic development in resource-poor countries
- Reducing reliance on antibiotics and pesticides for control of diseases in animals
Campus Vicinity

PEDESTRIAN MALL

BUILDING SITE
Precinct Planning Goals

• Enhance the overall function and utilization of the VETMED/Pharmacy Precinct site and facilities.
• Establish a strategic plan for future project improvements and impacts.
• Upgrade the precinct circulation and service conditions, general building services, research animal delivery and service, and Veterinary Teaching Hospital and WADDL client animal access.
• Seek opportunities to enhance the character and presence of WSU health science programs and associated buildings and public open spaces, enhance pedestrian access throughout the precinct, and improve connections to the new Research and Education Complex (REC) site to the north.
Site Context

Site Considerations
- North side pedestrian approach
- Views to the south
- Future expansion
- Relationship to existing VTH
- Pedestrian & vehicular access
Site Plan

Phase I

Phase II
Laboratory Concepts
• Dedicated BSL3 Zone for safety and security
• Flexible BSL3 laboratories to allow for conversion from research to diagnostic areas
• Planned for future connection to Phase 2

Office Concepts
• Strong visual identity from the main pedestrian approach
• Entry lobby incorporating exhibit areas to promote the School’s mission
• Indoor / outdoor connection to expand the reception area both physically and visually
Laboratory Concepts
- Transparency to maximize views and access to daylight
- Zoned laboratory support areas to isolate heat, noise, and special equipment
- Dedicated laboratory service corridors for safety and security
- Write up areas outside of the laboratory to promote interaction

Office Concepts
- Strong visual connection to laboratory space
- Daylight harvesting
- Natural ventilation
- Casual interaction and meeting areas to promote collaboration
Approaching the Main Entry

Looking north toward Campus
Funding Sources

Bill and Melinda Gates Foundation Private Gift $25,000,000
Building Fee Revenue Bonds $6,200,000
Washington State University Funds (TBD) $3,800,000
National Institute of Health CO6 Grant Request (potential) $9,460,181

Total Project Budget $44,460,181
Schematic Design Completion
Design Development Completion
Site Development Construction Document Completion / Work Start
Building Construction Document Completion / Work Start
Building Occupancy

October 2009
February 2010
Spring 2010
Summer 2010
Spring 2012