WSU Riverpoint Biomedical & Health Sciences Building
Schematic Design Brochure

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Summit Engineering & Consulting  Informational Technology & Audio/Visual Engineering
Taylor Engineering  Civil Engineering

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PROJECT GOALS & OBJECTIVES
This brochure presents a summary of the proposed Washington State University Biomedical & Health Sciences Building to be located on the Riverpoint Campus in Spokane.

From the beginning, the leadership of the campus and community has set the vision for the project that would distinguish it from more traditional approaches and settings, establishing a more integrated approach to health sciences education and research. Through a series of group work sessions with the design team, leadership from all of the principal stakeholders began to develop ideas and see them coalesce around the Biomedical & Health Sciences Building. This project will result in learning and research environments which support multi-institutional, trans-disciplinary health sciences that can grow and evolve over time. In essence, the Riverpoint Campus will provide students, faculty and staff a seamless discovery and learning environment that could lead health care education through creative and collaborative scholarship and research practices.

The campus is already active in this regard with programs in Nursing and Allied Health Sciences. This project introduces the next big step in that process of growth by bringing to campus two major additions: the WSU College of Pharmacy will move to Riverpoint from Pullman and the WWAMI program will greatly expand its presence. The new building will facilitate projected growth, eventually accommodating 80 first and 80 second year students. Third and fourth year students will continue to be supported in regional health care institutions.

This means that significant medical education spaces can be used and shared by all institutions on campus. The Biomedical & Health Sciences Building will provide the research spaces needed to attract and grow faculty in support of that mission.

The goals for this building include:

- **Collaboration** - The future of health sciences at Riverpoint should be truly collaborative in nature, breaking typical boundaries imposed by multiple institutions, professions/programs and focus (e.g., research versus clinical).

- **High Tech / Use Of Simulation** - Continued and expanded use of simulation and best technologies will be engaged at Riverpoint. Existing simulation spaces are in high demand and promote exciting, real world learning environments.

- **Research-Oriented** - A strong foundation in (basic, clinical and translational) research is expected and desired.

- **Patient-Centric** - Today’s health care system is described as compartmentalized, at the patient’s expense. Health Sciences education at Riverpoint should teach professionals to focus problem solving for the patient.

- **Community-Based** - Riverpoint should take full advantage of, and celebrate, the Health Sciences community and urban setting of downtown Spokane.

There are four over-arching themes that have guided its planning:

- **Program** – design a building that builds opportunities for shared clinical education and basic research so that students are solving problems across disciplinary boundaries.

- **People** – design a building that will attract the best and brightest students, faculty and visiting/associated faculty; and encourage students to be entrepreneurial.

- **Partnership** – design a building that will encourage collaboration across institutional and departmental boundaries, identify appropriate resources in the Spokane community (institutions, agencies, corporations and/or individuals) and build on the unique characteristics of those partnerships.

- **Place** – design a building that will be uniquely situated for an urban, downtown Spokane campus which benefits from both its proximity to the medical community just “up the hill” and the scenic Spokane River. Sustainable design opportunities presented by the site’s orientation and climatic conditions are worth pursuing; “realistic sustainability” that incorporates the campus’ purpose is an important contribution to Riverpoint campus and social goals as well as the “sense of place.”
# PHASE 1 PROGRAM

<table>
<thead>
<tr>
<th>INTERDISCIPLINARY RESEARCH</th>
<th>VIVARIUM</th>
<th>EDUCATION</th>
<th>OFFICE &amp; CONFERENCING</th>
<th>SUPPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td>35,000 GSF: 18 - 24 PIs &amp; core labs</td>
<td>11,000 GSF</td>
<td>31,000 GSF: auditorium, anatomy, teaching labs &amp; small group rooms</td>
<td>28,000 GSF: 42 faculty/staff, 54 student offices &amp; conferencing</td>
<td>15,000 GSF</td>
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**PHASE 1 PROGRAM**

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LOWER LEVEL

- Vivarium (BSL-2)
- Anatomy Teaching Labs & Support space
- Loading & Service
- Mechanical, Electrical, Plumbing & Building Support
1st FLOOR / CAMPUS LEVEL
- Auditorium, WWAMI Small Group Rooms
- WWAMI & Pharmacy Deans’ Office Suites
- Faculty Offices
- Break-out & Student Lounge Spaces
2nd FLOOR PLAN

- Pharmacy Teaching Labs
- Interdisciplinary Research Lab (6 - 8 PIs)
- Faculty Offices
- Student Offices & Break-out Spaces
3rd FLOOR
- Pharmacy Teaching Labs
- Interdisciplinary Research Lab (6 - 8 PIs)
- Faculty Offices
- Student Offices & Break-out Spaces
4th FLOOR

- Pharmacy Teaching Labs
- Interdisciplinary Research Lab (6 - 8 PIs)
- Faculty Offices
- Student Offices & Break-out Spaces

EDUCATION: Pharmacy Teaching Labs

OFFICE: Faculty Offices

RESEARCH LAB: Interdisciplinary Research Lab

OFFICE: Student Offices & Break-out Spaces

Student Lounge

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4th FLOOR PLAN

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PERSPECTIVE ILLUSTRATION: SOUTHWEST CORNER

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