

## **Features of the Pillars, Scientific Directors, and Magoon for Cayuse Approvals**

The order that the approval should always be in:

1. Division Head (if applicable) for all PIs (can all be 1s)
2. Department Chairs or Institute Leader for all PIs (can all be 2s)
3. Pillar Scientific Director or Magoon Chief (#3)
4. SMCRI (last)

### **Basic Science and Pre-Clinical (Paul Schumacker)**

Our wet-bench scientists conduct research using a variety of model systems and techniques that can reveal fundamental mechanisms of biology, disease, or behavior. This type of research seeks to answer fundamental questions about health and disease, including medical conditions, human development, and genetics, so that the results will lead to better therapies, devices, or cures for patients. In some cases, these studies stretch into preclinical space with our researchers developing models (animal, compounds, computer-simulations, etc.) to further understand the basis of a disease or disorder and find ways to treat it.

- Manne Research Institute within SQBRC Neighborhood Faculty
- Wet-Bench Science
- Deidentified samples

### **Clinical and Community Trials (Bill Muller)**

Clinical research is conducted using observational and Institutional Review Board-approved studies that seek to find the best medicines, devices, and other therapies for specific conditions. Our clinical and community research studies focus on testing and refining new technologies in people, testing interventions for safety and effectiveness, and behavioral and observational studies.

- Clinical and Behavioral Research Faculty
- All Drug or Device Clinical Trails
- Community Intervention Trials that are randomized and blind

### **Community, Population Health, & Outcomes (Michelle Macy)**

Our health services researchers study health outcomes at the population level to determine the effects of diseases and efforts to prevent, diagnose and treat them with the goal of advancing innovative research to improve the well-being, health, and healthcare of diverse populations of children. Their research also helps guide scientists working to assess the effects of current interventions and to develop new ones.

- SCHORE, Adolescent Medicine, Surgical Outcomes Faculty, Child & Adolescent Psychiatry (CCR, etc.)
- Community level Trials that are not randomized
- School or Community-based Research or Interventions

**Quantitative Science (TBN)**

- To be determined

**Magoon Institute (Matt Davis)**

- All Magoon Faculty