Overview
The Washington University Operations & Facilities Management Department (OFMD) provides a range of services for the medical campus in a customer-focused, efficient, and sustainable manner. OFMD maintains 61 university buildings and provides operational, planning, and construction services to 8.3 million gross square feet of space.

We will open three new facilities between 2023 and 2025 adding over 1.5M GSF which includes the Neuroscience Research Building, a new 619,000 BGSF facility just east of the medical campus. In addition, the School of Medicine continues to grow and expand its reach on and off campus in education, clinical care, and research.

Reporting to the Associate Vice Chancellor of Operations and Facilities Management, the Campus Engineer is responsible for planning and management of the energy, utilities, critical facilities, and infrastructure for the Medical Campus. They will oversee six direct reports with a total staff of 20-30 engineers and support staff.

Primary Duties & Responsibilities
- Directs a team of engineers and support staff responsible for all facets of planning the critical facilities commissioning, energy management program, infrastructure planning and management, and oversight of the Euclid Power Plant for the School of Medicine. 30%
- Oversees and manages the planning and execution of commissioning, retro-commissioning, preventative maintenance, and capital renewal of specialized facilities, including BTCF and ABSL/BSL3 labs, vivarium, and on-campus ambulatory spaces and genome sequencing. 30%
- Directs/oversees the planning and management of civil/structural engineering projects, including bridges, streets, tunnels, plazas, sidewalks, parking lots, garages, and building structures on the WUSM campus focusing on sustainability, quality, budget, and schedule. 10%
- Provides support, oversight, and policy direction for the utility infrastructure planning of the medical campus. Acts as key contact and subject matter expert for the local utility providers related to the medical campus's local utility infrastructure. The Campus Engineer will be responsible for the short and long-term utility and civil/structural infrastructure, planning, management, and strategic vision for the School of Medicine, including capital planning for all utilities, energy management systems, building envelope, civil and building infrastructure projects, capital renewal, and preventive maintenance planning of these systems. 20%
- Assists the Director of Capital Projects with design review of all renovations and new construction and provides support, oversight, and policy direction of MEPFP design standards development and upkeep and MEPFP document management. 5%
Required Qualifications

- Bachelor’s degree in mechanical or electrical engineering with 10 years of experience in higher education facilities, plant management, or environments with similar complexities.
- Professional Engineering license.

Preferred Qualifications

- Undergraduate degree in mechanical or electrical engineering and a master's degree in business administration, and 15 years of experience in higher education facilities management.
- Exceptional integrity, intelligence, and maturity. Must be well-rounded in a complex organizational environment and be comfortable operating in a university or academic medical center setting.
- A proven track record of creative and energetic problem-solving and demonstrated ability to identify and implement innovative approaches to facility management issues/initiatives.
- A strong leader, team-oriented, comfortable making difficult decisions, following through to completion, and applying sound fiscal policy and accountability to the department.
- Strong interpersonal skills, and excellent written and oral communication skills.
- Able to work effectively in both individual and team environments.
- Knowledgeable of industry-standard software such as Word, Excel, PowerPoint, Outlook, BAS or similar energy management systems, AutoCAD, and estimating/project management software such as PMWeb.
- Makes continuous improvement a priority, has a solid grasp of basic and advanced project management principles, along with having experience in successfully applying these principles.
- Understands the business need for each project and makes decisions based on what's best for the organization. Appropriately assertive in challenging stakeholders on critical success factors.
- Well-versed in the full spectrum of project management and mechanical, electrical, plumbing, and fire protection facilities planning.
- Strong desire for/thrive on continuous professional betterment and development and continuous improvement of project delivery services.
- Experience in infrastructure and utilities planning, and critical facilities (ABSL3, BSL3, Clean Rooms).
- Proven track record of long-range planning in facilities and utilities, sustainability, and energy management.
- Experience in developing and utilizing performance indicators for process assessments and improvement.
- Ability to identify and analyze ineffective complex processes and develop recommendations to create streamlined logical processes.
- Experience collaborating with multiple institutions and coming to working conclusions.
- IFMA Facilities Management Professional (FMP).
- Knowledge of City of St. Louis building, energy, and zoning codes.

About the School of Medicine

Consistently ranked a top medical school for research, Washington University School of Medicine (WUSM) is also a catalyst in the St. Louis biotech and startup scene. Our community includes recognized innovators in research, education, patient care, and global health. We care for patients and train future leaders in medicine at Barnes-Jewish and St. Louis Children’s hospitals, both ranked among the nation’s best hospitals and recognized for outstanding patient care.
Washington University School of Medicine is ranked third in NIH funding ($564.2 million) and leads globally in a wide range of frontier research areas across all of its basic science and clinical departments. In the fiscal year 2020, the School of Medicine received more than $838.3 million from all funding sources (grants and contracts) to support faculty research and generated $3.3 billion in total revenue. The WUSM community encompasses 2,814 faculty, 10,494 staff, and 1,432 total students.

EEO Statement

Washington University is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, age, sex, sexual orientation, gender identity or expression, national origin, genetic information, disability, or protected veteran status.

Procedure for Application

Please submit your resume and letter of interest to the WashU career site https://wustl wd1.myworkdayjobs.com/External/job/Washington-University-Medical-Campus/Campus-Engineer---OFMD JR72136

If you have any questions, please contact rdonohoo@wustl.edu