



Berkeley • Jackson Hole • Boise • Bozeman

P.O. Box 9279, Jackson, WY 83002

(307) 200-7236 • collaborate@beyondefficiency.us

JOB DESCRIPTION: MECHANICAL ENGINEER

Seeking progressive mechanical designer, engineer in training or licensed engineer with post-academic experience with buildings to help grow and support our services in California and the greater Mountain West. Being based out of Boise, Idaho or Jackson, Wyoming preferred; San Francisco Bay Area or Bozeman, Montana may also be considered.

You understand how buildings and systems are put together and thrive on learning about how passive design improves occupant comfort and reduces heating and cooling loads. You look forward to demonstrating creativity and technical excellence in providing mechanical and plumbing design for a variety of building types.

Why Join Beyond Efficiency?

We empower people to create enduring human-centered buildings.

Beyond Efficiency is a highly respected consulting team of progressive engineers and architects with offices in Berkeley, California and Jackson Hole, Wyoming. We provide energy modeling, engineering and green building services for commercial, educational, multifamily and single-family residential projects throughout the western U.S. We also provide policy development, training, and research services. Our broad client base includes small architecture firms, world-renowned universities, market-rate and affordable housing developers, and public agencies.

We consider our key role as "client advocate" to help ensure a client's project objectives are achieved. We do this by asking insightful questions at project initiation to establish clear, actionable goals and performance requirements, and then filling knowledge and skills gaps that often exist in project teams. Our educational philosophy, holistic understanding of buildings, and technical expertise give teams confidence to make better decisions and create buildings that improve people's lives.

Beyond Efficiency offers a relaxed and flexible work environment. We have a liberal vacation policy paired with moderate billable hour requirements, competitive salaries, generous professional development allowances, 100% health insurance coverage, commuter benefits, 401(k) retirement plan with employer matching, and unlimited opportunities to carve your future and make a difference. Learn more [about us](#), [our values](#) and [our approach](#) to our work.

Responsibilities

1. Working under the leadership of the Mechanical Design Leader, contribute to company's establishment of full-service professional mechanical and plumbing design services for residential and non-residential projects to expand on company's current in-house capabilities
2. Evaluate, design, and develop a diverse variety of HVAC and plumbing systems and technologies including all-electric, air-to-air and air-to-water heat pumps, heat/energy recovery, mixed-mode ventilation, hydronic, VRF, solar thermal, ground source/geothermal, heat pump water heaters (HPWH), plumbing and controls
3. Recommend and implement strategies for low load, high performance mechanical and plumbing systems for residential and non-residential projects
4. Develop outline specifications, Basis of Design (BOD), and full construction documents for HVAC and plumbing systems
5. Interpret and apply code and program requirements for building codes, IECC, California's Title 24 and CALGreen, LEED, WELL, CHPS, Living Building Challenge, Passive House and other relevant standards
6. Review plans, documentation for compliance with requirements; provide peer review of plans developed by other engineers
7. Provide construction administration (CA) services: complete field visits to review progress, verify compliance with goals, and solve field issues
8. Prepare logically organized, technically accurate, and clearly presented emails, reports, plans and specifications
9. Coordinate and collaborate with clients and project teams to achieve goals as set out in Owner's Project Requirements (OPR) document
10. Grow into a project management role, acting as main point of contact for clients, tracking schedules and deliverables, and producing or delegating as needed to get the work done
11. Leverage other team members' expertise or knowledge when needed; understand when to ask for help
12. Outline work plans prior to starting work, maintain logically organized and labeled files, and adequately document decisions or activities
13. Provide regular status updates or reports in web-based project tracking system and review progress with team
14. Understand contracted work scopes, work within budgets and meet billable targets
15. Establish thought leadership by writing blog posts, being active in outside organizations, and educating and engaging with the greater community
16. Do what needs to be done that may fall outside your formalized job roles

Minimum Qualifications

1. Mechanical engineering degree or equivalent education or experience
2. On path to obtaining professional mechanical engineer's license
3. Post-academic work experience related to buildings
4. Commitment to professional excellence and high performance design demonstrated through continual learning, active involvement in organizations, and regular participation in conferences or events
5. Self-starter with a can-do and "get things done" attitude
6. Technical aptitude with ability to quickly learn and integrate new concepts and tools
7. Excellent written and verbal communication skills (clear, concise, logically presented and appropriately catered to recipients)
8. Critical thinker with innate ability to challenge assumptions, ask the right questions, and solve problems
9. Strong judgment with understanding of best way to proceed in challenging situations
10. Strong organizational and project management skills
11. High integrity, doing the right thing even when it's hard
12. High initiative, always looking to improve things

Role Information

- Primary Technical Team: Energy + Systems
- Primary Service Area: Building Consulting
- Primary Technical Mentor: Kara Rousselle, P.E.
- Performance Manager: Nicole Prater

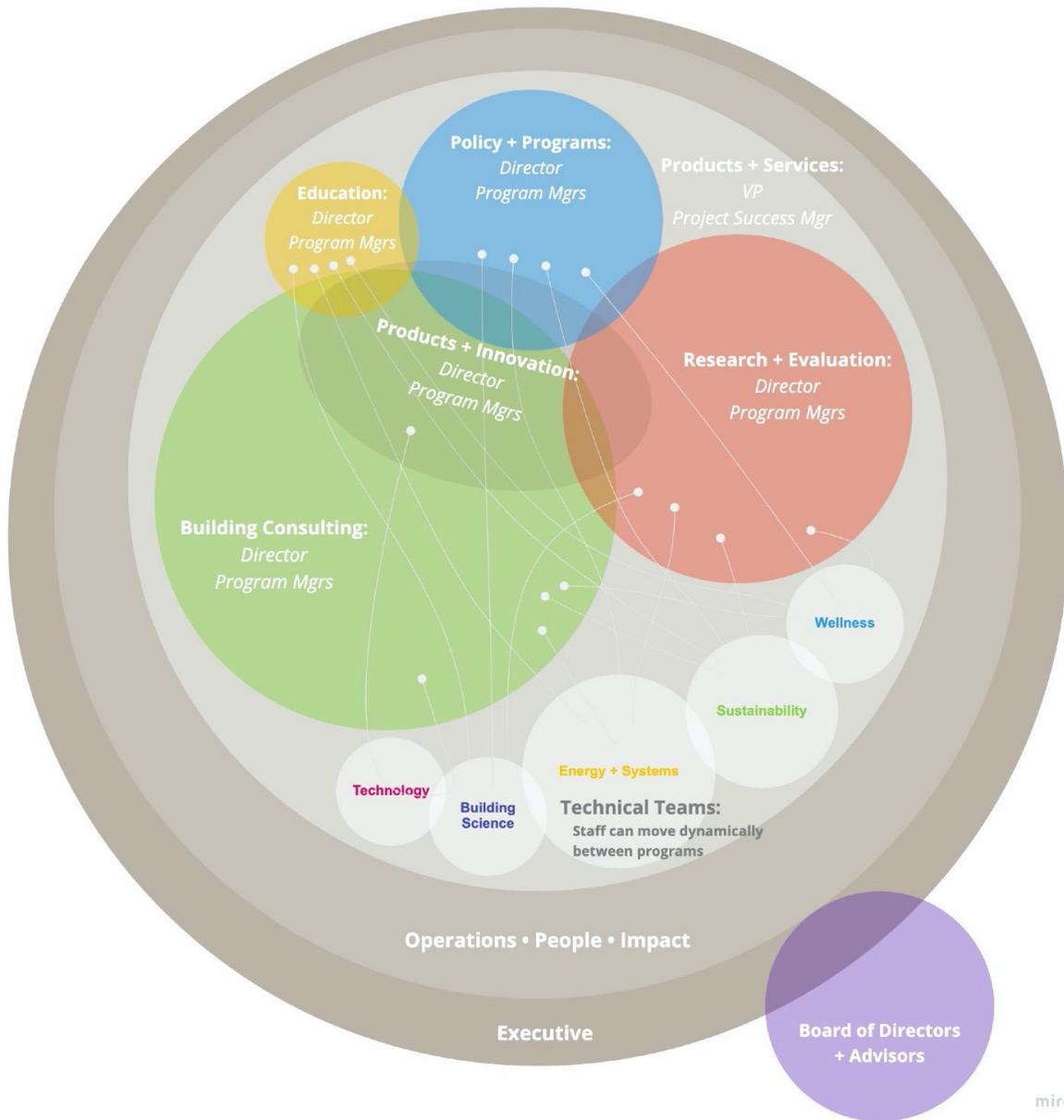
How to Apply

Beyond Efficiency is committed to the principle of diversity in our workspace. We believe that diverse perspectives add value to our processes and make us better able to empathize with and serve our clients, leading the way towards a more sustainable and equitable future. In that spirit, we strongly encourage applications from qualified people of all cultural and economic backgrounds, faiths, gender identities and sexual orientations.

To apply for this opportunity, please apply directly through the jobs page on our website at <http://beyondefficiency.us/jobs>. Direct your cover letter to Nicole Prater.

Beyond Efficiency will review applications and invite selected candidates for interviews on a rolling basis.

Organizational Structure

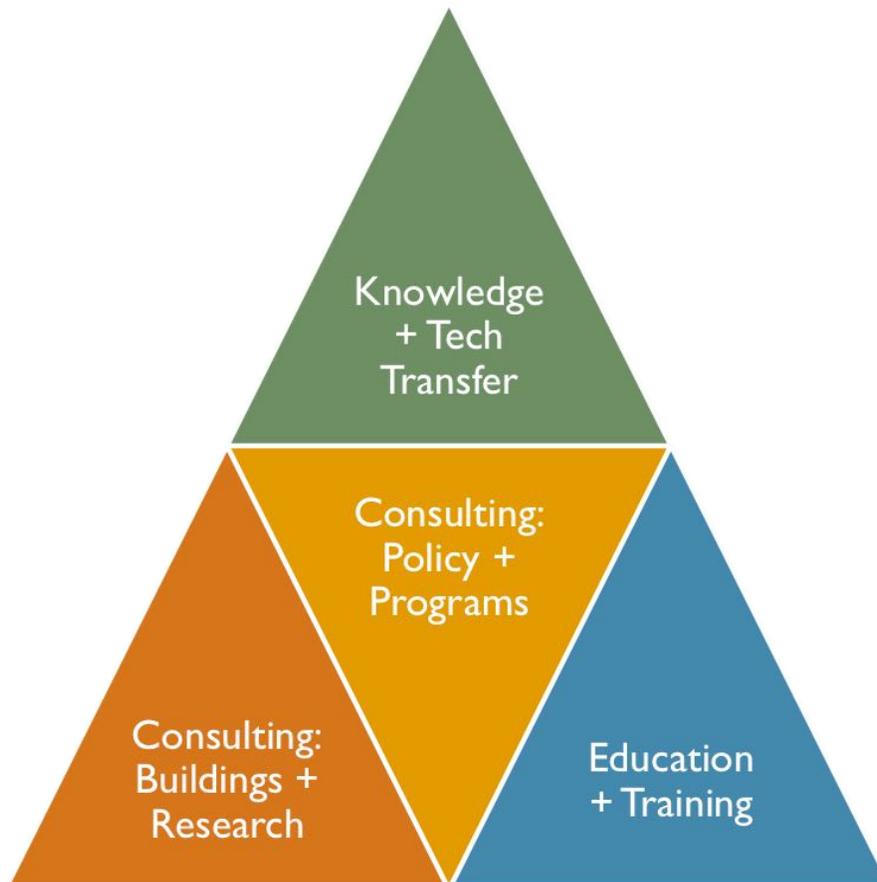


Mission

Beyond Efficiency empowers people to create enduring human-centered buildings. Our vision is a world where everyone lives, learns, works and plays in a built environment that nurtures human potential and secures ecological health.

Strategy

We are a nexus for ideas, innovation, knowledge and partnerships in the sustainable building industry. The foundation of our work in building consulting, research and education provides us hands-on experience and unique insights to allow us to understand the real hurdles faced by stakeholders in creating great projects. This foundational work informs and strengthens our work in program development, policy support, knowledge and technology transfer, allowing us to scale solutions and accelerate impact.



Company Values

- **KNOWLEDGE:** Knowledge propels better outcomes, and empowering people with insight and understanding provides them confidence to make better decisions. We incorporate an educational philosophy into all aspects of our work to help clients and project teams excel.
- **COLLABORATION:** Bringing the right people together can solve the most challenging problems. We take collaborative approaches that bring out the best thinking from individuals and teams and leverage diverse partnerships to benefit from expertise across a range of industries.
- **LEADERSHIP:** Real leadership is about doing the right thing, communicating a vision of excellence, and helping others succeed. As creative problem solvers who challenge boundaries and question assumptions, we bring technical excellence and thought leadership to teams.
- **EMPOWERMENT:** Everyone should have the freedom and opportunity to pursue their dreams and achieve their potential. We empower staff through our workplace culture and empower all people through commitments to social justice and human-centered design.
- **ECOLOGY:** Meaningful connections with nature lift the human spirit and are intrinsic to good health. The fundamental purpose of our work is to respect and protect the planet and allow humans and all living things to endure and prosper.

Team Values

- **LOVE WHAT YOU DO:** Let your talents fly. Have purpose in your work. Show your passion for creating a better planet.
- **SET THE BAR HIGH:** Think big. Expect excellence. Challenge boundaries and question assumptions.
- **DO THE RIGHT THING:** Be truthful. Admit mistakes. Do the right thing even when you don't want to.
- **BE A TEAMMATE:** Be supportive. Respect the knowledge and experience of others. Collaborate to reveal best outcomes.
- **BE A PROBLEM SOLVER:** Say "I can". Go the extra mile. Make life easier for others.
- **BE A TEACHER:** Share knowledge. Empower others with insight and understanding. Embrace education as a precursor to change.
- **BE A LEADER:** Earn respect. Gain deep expertise in your field. Aspire to become a thought leader or mentor.
- **LIVE YOUR LIFE:** Have fun. Be balanced and whole. Keep perspective on what really matters!