Mechanical Engineering Fellow
Location: San Francisco
Terms: 12-months

We seek those who will unabashedly and relentlessly join with us to close urgent healthcare gaps with medical technology. To those ends, D-Rev is seeking an energetic and mission-driven Mechanical Engineering Fellow as we bring high quality medical technologies to low-resource environments around the world. The focus for this role will be supporting technical research, diligence, and development of new medical technologies that D-Rev is considering bringing to market. Playing an instrumental role in helping to identify, develop, and test new medical technologies D-Rev is developing, like our neonatal CPAP (Continuous Positive Airway Pressure) device. Our safe and effective CPAP aims to combat Respiratory Distress Syndrome (RDS), which is responsible for the majority of the 1 million babies that die each year from prematurity related causes (please see here for additional information.).

Responsibilities
You will support the team to:

● Evaluate and participate in early technical diligence on new medical technologies that D-Rev is considering
● Conduct and synthesize interviews of users and stakeholders to scope viable future projects
● Develop product requirements and support technical documentation of new technologies
● Design proof of concept testing
● Development of fixtures for testing and pilot builds
● Procurement of materials for prototype builds

Qualifications
● Bachelor’s Degree in Engineering, preferably mechanical, biomedical, or electrical
● Understanding of human-centered design principles

About D-Rev
D-Rev believes that good health is a human right. The need for quality healthcare spans the economic spectrum. Regardless of where you are from and what you do, health is critical to well-being, productivity, and autonomy. For people to live their best lives, they must be healthy. We exist to design and deliver medical technologies that close the quality healthcare gap for underserved populations.

We are a portfolio design company that prioritizes the user in the development of products, and have been recognized by Fast Company as one of the World’s Most Innovative organizations and the World Economic Forum as a Technology Pioneer. The scaling of our first product, Brilliance, is monumental in global health – it is one of the earliest examples of a nonprofit-developed global
health product scaling through the market and impacting the world's poorest patients. D-Rev now has a portfolio addressing four critical health issues. To date, over 700,000 patients have been treated with a D-Rev device, and we have had sales in 60+ countries.

Over the next three years, D-Rev is expanding our product portfolio to 6+ product lines that will address critical health needs and close the quality gap in newborn health. After that, we will accelerate portfolio expansion to close ten globally critical health gaps by the year 2030, the target year of the UN's Sustainable Development Goals.

**Compensation:** The position comes with a $3,500 stipend per month. For highly qualified candidates we will consider a less than 12-month position.

**To apply,** please email jobs@d-rev.org indicating “Mechanical Engineering Fellow” in the subject line. Please include a 1) resume (no longer than 1 page), 2) a cover letter briefly explaining why you’re a fit and why you’re interested, and 3) a simple portfolio highlighting examples of your work.

_D-Rev is an equal opportunity employer. We value a diverse workforce and an inclusive culture. D-Rev encourages applications from all qualified individuals without regard to race, color, religion, gender, sexual orientation, age, national origin, marital status, citizenship, disability, or veteran status._