



## Mechanical Engineering Fellow

Location: San Francisco

Terms: 12-months with up to 15% travel

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. You will play an instrumental role in the development and testing of our neonatal CPAP ([Continuous Positive Airway Pressure](#)). 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:

- Design and engineer D-Rev's CPAP device, including DFM for mechanical processes
- Evaluate and participate in early design work on new medical technologies that D-Rev is considering for partnership
- Design Verification and Validation (V&V) testing
- Development of fixtures for testing and pilot 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 \$3,000 stipend per month. For highly qualified candidates we will consider a less than 12-month position.

**To apply,** please email [jobs@d-rev.org](mailto: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.*