

# Biomedical engineer

*Onja is working with medical doctors and 3D printing experts to figure out how to make a 3D printed liver function when transplanted into a living animal*

## Skills

- Analytical skills
- Creativity
- Communication skills
- Math skills
- Problem-solving skills

## Work Environment

- Collaborative and interdisciplinary
- On-site

## Education

- BS or BEng, some focus on biology 4-6 years
- Internship beneficial
- MS in engineering for advancement



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person, creative  
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## Tasks

- Design equipment (eg. artificial organs, diagnostic machines, replacement body parts)
- Design and conduct experiments
- Train clinicians to use biomedical equipment
- Prepare reports and papers
- Present research findings

## Work Schedule

- Full time
- Standard workweek

## Salary and Outlook

Median: \$91,000      Stable

Design and create equipment, software, devices, and machines for biological applications (e.g. artificial organs)

**Meet Taylor Walker:** <https://ladieslovestem.com/sis-features/graduate-researcher-taylor-walker>