



**PATHS-UP**

Precise Advanced Technologies and  
Health Systems for Underserved Populations

## National Science Foundation (NSF)

### Paid Summer Research Experience for Undergraduates

#### NOW ACCEPTING APPLICATIONS

We are recruiting both:

- undergraduate students (at all levels) from across the nation
- and first-year undergraduate students from FIU, Rice, TAMU, & UCLA.

Students from diverse groups traditionally  
underrepresented in science & engineering are encouraged to apply.

A PATHS-UP Summer Research Scholar will perform research over 10 weeks at a PATHS-UP institution (FIU, RICE, TAMU or UCLA) under the direction of a PATHS-UP faculty member.

A Scholar will receive:

\$4000 Stipend

Financial support for housing

Travel support for out of area students (Up to \$700)

- The Scholar will gain experience with cutting-edge research in one of several areas, depending on the lab, including:
  - developing chemistry to detect biomarkers for heart disease or diabetes
  - developing paper fluidic or other microfluidics and hand-held devices that can read the chemistry on cartridges
  - developing wearable health devices (e.g. a watch or ring) to monitor things like heart rate
  - working with underserved communities on gathering information for the design and development of point-of-care medical devices
- The scholar will also gain experience designing, conducting, and analyzing experiments that has the potential to change the paradigm for the health of underserved populations.

#### APPLY NOW!

**Deadline: February 1st, 2020 or until all positions are filled.**

**Visit: <https://pathsup.org/reu/>**

**\*\*\*Must be 18 or older\*\*\***

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