Remotely Operated Vehicle (ROV) Underwater Robotics Mentor  
(Part-Time; As Soon as Possible-June 2022)

**Job Summary:**
Francis W. Parker School is a renowned JK-12th grade independent day school. Founded in 1901 on the tenets of progressive education, the school currently enrolls 940 students and employs 200 dedicated faculty and staff members who, in addition to assistant teachers, substitute teachers and coaches, work together to ensure that the School lives up to its Mission to “educate students to think and act with empathy, courage and clarity as responsible citizens and leaders in a diverse democratic society and global community.”

We are currently seeking a dynamic, innovative and experienced mentor for our ROV (Underwater Robotics) team. This year's participants are a diverse group of mostly young women. ROV is a hands on mentoring opportunity where the mentor will work with Upper School students in engineering a robot for the regional MATE ROV competition in April - hosted by the Shedd Aquarium. Program initiatives are supported by faculty and staff. This position averages 10-12 hours per week during the competition season.

**Essential Functions:**
- Oversee two weekly after school sessions, weekly Saturday sessions and a competition event held at the end of April - with the possibility of an international competition sometime over the summer.
- Mentor and guide students through the process of researching, designing, building, programming, testing and driving an ROV in preparation for use in the MATE ROV competitions.
- Other duties as assigned.

**Required Qualifications:**
- Affinity and enthusiasm to work with adolescents.
- Ability to communicate with Upper School students and adult mentors, as well as parents and administration.
- Experience with electronic systems.
- Substantial programming experience with either Arduino IDE, C++, or Python.
- Ability to demonstrate, model and guide students through engineering process.
- Ability to demonstrate leadership skills with student team members and adult mentors.

**Preferred Qualifications:**
- Substantial CAD experience.
- 3D printing, laser cutting, and part fabrication experience.
- Experience building robots.

**Compensation:**
$30/hour for a maximum of 100 hours ($3,000 total)

**To Apply:** Please submit cover letter with resume by email or fax to (no telephone inquiries please):

Laureen Sweers, Director of Human Resources  
Francis W. Parker School  
330 W. Webster Avenue  
Chicago, IL 60614  
resumes@fwparker.org  
fax: 773.549.4430
The faculty, staff and administration of Francis W. Parker School are integral parts of the School’s community. Through their passion, dedication and commitment to the School’s mission, they create and support an environment where exceptional child-centered learning can occur.

Francis W. Parker School is committed to cultivating a community of dedicated students, parents, faculty and staff, trustees, administrators and alumni, who acknowledge, respect, and esteem diversity in our school; and who reflect, through their presence, the diversity of Chicago communities and the wider world.

Francis W. Parker School is an equal opportunity employer.