

## **2018-19 Job Opening: designLab Fellow**

St. Luke's School, a secular, college-preparatory day school serving grades 5 through 12 in New Canaan, Connecticut, seeks a teacher to join its innovative designLab. Launched in 2015, the designLab consists of spaces for experimentation (including a brand new, state of the art, 4000+ sq ft digital and physical fabrication space set to open in September 2018), an engineering and computer science curriculum, and the home for design thinking at St. Luke's School. Through course offerings such as Programming, Robotics, and Mechanical Design, and through signature student experiences such as the Hackathon, the designLab seeks to develop students' creative problem solving abilities through engineering, computer science, and design thinking.

### **Primary Job Responsibilities:**

- Ensure a safe, actively monitored, and well-maintained fabrication lab.
- Develop intellectual resources and provide fabrication support for student-facing and adult-facing experiences such as a multi-week designLab summer program, the St. Luke's Hackathon, Open Maker Nights, and others.
- Increase programming - both during and outside of the school day/year - that helps the designLab connect with more Makers, especially under-represented populations and those students who have not yet identified as Makers.
- Build departmental relationships that yield more interdisciplinary and project-based learning.
- Provide ad-hoc teaching support for 'overflow' courses, depending on interest and enrollment.
- Serve as co-advisor for a group of 6 to 8 students.
- Assist with supervisory duties, such as study hall proctoring, lunchroom supervision, and chaperoning events.

### **Key Skills and Qualities:**

- Curious, inspiring, positive, and collaborative to work with
- Understands the needs of and takes enjoyment in working with adolescents
- Passion for innovation and creative problem solving
- Experience using tools and technology creatively, especially fabrication technologies such as 3D printers, CO2 lasers, CNC routers, and general woodshop tools and machinery.
- Excellent oral and written communication skills
- Interest in and enthusiasm for leadership education as defined below.

St. Luke's attracts families from 25 towns throughout Connecticut and New York. A combination of challenging academics and truly exceptional community support distinguishes St. Luke's and encourages our students to go *above and beyond* their own expectations. St. Luke's offers an inclusive environment where differences in race, culture, and personal beliefs are embraced as assets that enhance education. St. Luke's prides itself on being a forward-thinking school and home to the [Center For Leadership](#) - where students hone their own distinct leadership skills by developing a design mindset, an inclusive ethos, a global perspective, and a service orientation.

St. Luke's School is an equal opportunity employer. St. Luke's School does not discriminate on the basis of race, color, religion, sex, pregnancy, national origin, ancestry, citizenship, age, marital status, disability, veteran status or sexual orientation or any other basis prohibited by law with regard to hiring, terms and conditions of employment or educational programs. We strive to provide a welcoming educational environment where the value and dignity of every member is respected.

If interested, please send a cover letter, resume, and references by email to Jim Foley, Assistant Head of School for Leadership & Innovation, at [foleyj@stlukesct.org](mailto:foleyj@stlukesct.org) and Michael Mitchell, designLab Director, at [mitchellm@stlukesct.org](mailto:mitchellm@stlukesct.org).