

Special Educational Internship in Science, Technology, and Engineering

Summary

Judge Baker Children's Center (JBCC), a Harvard Medical School Affiliate, is accepting applications for an internship trainee placement. JBCC is an established center of excellence for implementation, training, quality improvement, and service initiatives focused on improving educational and behavioral health for children and adolescents. JBCC is also home of the Manville School, a therapeutic day school for students from kindergarten through 10th grade who experience emotional, neurological, or learning difficulties that have impacted their ability to succeed in previous school settings. Manville has a strong tradition of providing innovative educational programming and comprehensive, evidence-based clinical services. As a result of the integration of these service components, Manville is a school where students with challenging needs can experience academic success, social development, and emotional growth.

Essential Duties & Responsibilities:

This position serves to support the Science, Technology, and Engineering (STE) Department for providing all curriculum, lab materials & supports for our teachers across our four schools serving grades K-10. Our curriculum comes in a variety of formats and we are constantly looking for ways to improve student accessibility for mastery of standards-based content that is in alignment with the revised Massachusetts STE standards. If an intern has a particular talent or interest we have incorporated it within our program. In past years interns have taken the initiative to complete the following projects:

- With guidance, implement the latest executive functioning strategies into curriculum materials (graphic organizers, checklist, rubrics, etc.)
- With guidance, modify award-winning STEM (Science, Technology, Engineering & Math) curriculum from the Museum of Science.
- Pursuing small scale curriculum grants.
- Research habitat needs to set-up & maintain a saltwater aquarium for seahorses.
- Set up virtual field trips through Powerpoint.
- Assemble & modify lab kits for inquiry (K-10) specific to classroom needs.
- Cast T.Rex fossils & set-up individual digging sites for middle schoolers.
- Create displays & interact with guests at the World of Children Fundraiser at the Mandarin Hotel.
- Customize an 8th grade NSTAR Energy of the Wind curriculum focusing on Wind Turbine experimentation.
- Create a 3D science timeline display for the World of Children Fundraiser at the Charles Hotel.
- Terrarium habitat set-up for earthworms, crickets, ants, mealworms.
- Decomposition column construction using recycled 2 L soda bottles for a "Rot Race."
- Solicit free construction materials for our Science/Technology & Engineering initiative on building a wheelbarrow, a lever application, from area retailers that included Home Depot, Lowes & Payless Shoe Stores.
- Create informative bulletin board displays highlighting Carol Dweck's growth mindset with reference to scientific thinking.

The position is a flexible internship with regards to scheduling days & times for the internship around coursework. Interns should be willing to commit between 8-10 hours a week during the 2019-2020 school year with flexible scheduling to accommodate the intern's own classes. Interns may have the opportunity for free trainings that have included (CPR, 1st Aid, MATCH, Executive Functioning & CPI).

Qualifications and Skills:

- Currently enrolled in an undergraduate or graduate program in education, psychology, chemistry, biology, or another related STE field.
- Excellent written oral communication skills, demonstrated history of punctuality and attendance
- Ability to handle multiple tasks and meet deadlines, and strong attention to detail
- Affinity with Google Docs/Word/ Excel
- Resourceful, good problem-solving skills, strong work habits, and professionalism.
- Familiarity with the STE Massachusetts standards is helpful but not required.
- Please note that the intern is subject to satisfactory CORI and National Criminal File reports prior to starting internship .

Compensation

No compensation is provided for this training position. Breakfast and lunch are provided in the school cafeteria free of charge to the intern on internship days.

Our Organization

Founded in 1917, Judge Baker Children's Center is a Harvard Medical School affiliate with proven leadership in children's behavioral health. Judge Baker's mission is to promote the best possible educational and mental health of children through the integration of research, intervention, training, and advocacy. For nearly 100 years, Judge Baker has been instrumental in creating a continuum of care that supports children's healthy development at the policy, systems, and practice levels. Our research, direct programs and services, training, and advocacy make Judge Baker a preeminent voice and active resource on issues of children's mental health. At Judge Baker, the practices created and tested today will become the best practices of tomorrow. Our programs help children and families chart their own best course for developmental, emotional, and intellectual well-being in community-based settings.

Judge Baker Children's Center is dedicated to the achievement of equality of opportunity for all its employees and applicants for employment without regard to race, color, religion, sex, sexual orientation, marital status, age, national origin, disability, veteran status or any other protected group status under federal, state or local law. Judge Baker Children's Center is an Equal Opportunity/Affirmative Action Employer.

The preceding statements shall not be considered a detailed description of all the work requirements of the position. There may be other duties and responsibilities required to achieve the principal functions of the position and to advance the mission of Judge Baker Children's Center.

Applications

Interested candidates should send

- a resume,
- a listing of coursework or academic transcript
- three letters of recommendation, emailed directly from your recommender,

to: Anastasia Karasoulos-Vekiarides
Science, Technology & Engineering Curriculum Coordinator K-10
Manville School
53 Parker Hill Avenue
Boston, MA 02120
avekiarides@jbcc.harvard.edu

An interview is required for all applicants. Application will be accepted until the position is filled
Start Date: September, 2019