



National Inventors
Hall of Fame®

GIVE YOUR STUDENTS VALUABLE FIELD-BASED EXPERIENCE USING AN INNOVATIVE HANDS-ON STEM CURRICULUM



Camp Invention®

AN UNFORGETTABLE SUMMER EXPERIENCE FOR YOUR EDUCATION STUDENTS

For more than 30 years, the National Inventors Hall of Fame® (NIHF) has inspired millions of children across the country through our innovative STEM (science, technology, engineering and mathematics) programs. Our flagship summer program, Camp Invention®, is loved by our educator partners who teach it each year.

We are seeking qualified education students to help teach Camp Invention and will provide your teachers in training with a range of benefits.

“I can’t **IMAGINE a better way to prepare for their first classroom than teaching **CAMP INVENTION.**”**
– **Dr. Jeffery S. Townsend, Professor of Science Education, Eastern Kentucky University**



FIELD-BASED EXPERIENCE

- Project-based learning
- Creativity and inventive thinking
- Curriculum development
- Materials management
- Classroom management and logistics
- STEAM-based instruction
- Interactive implementation
- Building cognitive and emotional gains and confidence

VALUABLE OPPORTUNITIES

- Expanding on curriculum
- Creating immersive, hands-on learning experiences
- Discovering the impact of invention and innovation
- Growing students’ confidence through creative problem solving
- Developing presentation and public-speaking skills
- Cultivating an open and safe learning environment
- Teaching students in grades K-6
- Facilitating brainstorming and other group activities

TOOLS FOR SUCCESS

- Paid stipend
- Scaffolded lesson plans aligned to state, Common Core and Next Generation Science Standards and CASEL’s Social-Emotional Learning (SEL) Competencies
- All required materials
- Supportive orientation
- Research-based curriculum differentiated for primary and intermediate levels

COMPETENCIES

REAL-WORLD APPLICATION

TESTIMONIALS

IMMERSION

- Changing the physical environment of the classroom to reflect the theme of each learning experience
- Assuming a character role while interacting with students
- Sharing information that will make a scenario realistic to students

“I am a teacher in training and I wanted the **EXPERIENCE OF LEADING A LESSON PLAN** and thinking on my feet.”
– Christina S., Instructor

CREATE, TEST AND RECREATE

- Guiding children through the prototyping process followed by reflection and refinement
- Practicing empathetic skills development using self-assessment, adaptive creativity and evaluative thinking
- Sharing the value of trial and error

“It provides great **PROFESSIONAL DEVELOPMENT**, gives kids an opportunity to grow in their **PROBLEM-SOLVING SKILLS**, and gives me an opportunity to serve other teachers.”
– Kara S., Assistant Director

STEM

- Using STEM as a vehicle for direct application of creativity and innovation skills
- Practicing using a transdisciplinary approach blending 21st-century STEM-focused learning with non-STEM subject areas to create engaging and meaningful challenges

“As a **UNIVERSITY SCIENCE EDUCATOR**, I know that Camp Invention will help give them **CONFIDENCE** in teaching science, practice with classroom management before they get their own classrooms, and will likely lead them to **WANT TO TEACH STEM** topics in their own schools (which often isn't a priority).”
– Dr. Jeffery S. Townsend, Professor of Science Education, Eastern Kentucky University

SOCIAL-EMOTIONAL LEARNING

- Guiding students to use divergent and convergent thinking to assess challenges and work their way through the Creative Problem Solving (CPS) process
- Implementing lessons using brainstorming and idea selection as classroom engagement tools
- Providing opportunities to work with others in teams and collaborate on projects

“It was a **FUN OPPORTUNITY!** On top of getting to make a little extra money over the summer, I wanted to participate to get to know the students in my district more since I am just starting out there. I also wanted to **IMPROVE MY SKILLS** as a teacher and have a chance to have my own classroom.”
– Justin A., Instructor

PARTNER WITH NIHF TO PROVIDE YOUR STUDENTS WITH ENGAGING FIELD EXPERIENCE

TO LEARN MORE, CONTACT:

invent.org | 800-968-4332



National Inventors
Hall of Fame®

Inspiring Future Innovators®

In partnership with



UNITED STATES
PATENT AND TRADEMARK OFFICE

The National Inventors Hall of Fame provides STEM education programs for young innovators from PreK through grade 12.