2022 REPORT

Invention Convention U.S. Nationals
Dear Sponsors and Community Partners,

Thank you again for generously supporting the Kansas City Invention Convention (KCIC). Here is a snapshot of how impactful KCIC was on the Greater Kansas City community in 2022:

• Almost 2,000 students used KCIC’s STEM curriculum
• Over $13,000 in prizes and scholarships were awarded to student inventors
• Two KCIC finalists represented Kansas City at the Invention Convention U.S. Nationals in Dearborn, Michigan

Your sponsorship helps develop the next generation of leaders, entrepreneurs, and inventors who are imagining new solutions to everyday challenges. I hope to continue our partnership in support of the Kansas City STEM ecosystem and education.

Thank you for making this opportunity possible for our region’s next generation of innovators!

With gratitude,

KAYLEE PEILE
Manager of Strategic Partnerships

ABOUT KCIC

KCIC is a STEMIE (STEM + Invention + Entrepreneurship) competition that teaches problem-solving and creativity skills to students in grades 4-12 and provides educators with a project-based curriculum to inspire the innovators of tomorrow.
The Kansas City Invention Convention supports 17 counties and 31 school districts across the Kansas City Metro. In 2022, 23 teachers and 1,940 students accessed the free online design thinking and innovation curriculum resources.

**BY THE NUMBERS**

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**KCIC SOCIAL MEDIA**

In December of 2021, we launched KCIC’s digital platforms with the creation of KCIC branded Facebook, Instagram, and TikTok channels. With these digital initiatives, KCIC can reach and engage closely with an even broader audience of ages within the community.
CONGRATULATIONS TO OUR WINNERS!

4TH AND 5TH GRADE CATEGORY

1st place: Will Hennenfent, Invention: RSD1

6TH, 7TH, AND 8TH GRADE CATEGORY

1st place: Olivia Adams and Dominic Cain, Invention: The Tranquility Tent, Sunflower Elementary
2nd place: Lucille Herrold, Invention: Fresh Fridge, John Paul II Catholic School
3rd place: Samantha Meyer, Invention: Tac-It, John Paul II Catholic School

11TH AND 12TH GRADE CATEGORY

1st place and Best of Show: Tyler Lively and Jackson Brueckner, Invention: MetaCar, Blue Valley CAPS
2nd place: Quinton Pfaff, Invention: Next Door Gig, Blue Valley CAPS
3rd place: Lucas Bullock, Invention: LUVI Hologram, Blue Valley CAPS

2022 HONEYWELL FM&T SCHOLARSHIP WINNERS

Best of Show and Honeywell scholarship award winners Tyler Lively and Jackson Brueckner, Blue Valley CAPS, with John Jungk of Honeywell. Invention: MetaCar

Honeywell scholarship award winners Kaidren Eberhart and Amelia Kenney, Summit Trail Middle School, with John Jungk of Honeywell. Invention: Shower Control

EDUCATOR WINNERS

BEST OF SHOW TEACHER
Mike Farmer, Blue Valley CAPS

BIOKANSAS INNOVATION FESTIVAL EDUCATOR WINNER
Tyler Baker, Rockhurst High School

Photos by Brett Pruitt, East Market Studios
Over $100,000 was raised to support KCIC.

- **Annual Program and Scholarships** - 80%
- **Supplies and Awards** - 16%
- **Invention Convention National Competition** - 3%
- **Affiliate Membership** - 1%

**KCIC Fundraising**

- **$3,600** in cash prizes
- **$10,000** in scholarships
As Best of Show winners, Tyler Lively and Jackson Brueckner visited The Henry Ford Museum of American Innovation in Dearborn, Michigan to present their invention at the Invention Convention U.S. Nationals.

Team MetaCar, Tyler Lively and Jackson Brueckner, at the national competition with astronaut Dan Burbank.
Sponsorship serves as brand recognition for your organization throughout the competition and can include judging and mentorship opportunities, print and digital logo recognition, scholarship naming, prizes, and underwriting of KCIC winners’ journeys to the National and Global Invention Convention competitions. Invest in the future with KCIC!

Photos by Brett Pruitt, East Market Studios
**CELEBRITY EMCEE**

This year’s Kansas City Invention Convention was hosted by Emily Calandrelli. Emily is the host and co-executive producer of the hit Netflix series *Emily’s Wonder Lab*, featuring a group of kid-scientists learning about STEAM through experiments and fun activities. Emily is also an executive producer and Emmy nominated host of FOX’s *Xploration Outer Space* and was a correspondent on Netflix’s, *Bill Nye Saves the World*.

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**GOODWILL ARTEMIS INSTITUTE**

Goodwill Artemis Institute is a partnership between technology companies and Goodwill of Western Missouri and Eastern Kansas to train workers for the occupations of the future. The Institute visited KCIC and gave guests the chance to explore their training bus, engage with VR experiences, and learn more about the classes they are bringing to the Kansas City Metro area.

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**KCIC SPONSORSHIP OPPORTUNITIES**

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<tr>
<th>SPONSORSHIP LEVELS</th>
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<th>INNOVATOR LEVEL</th>
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<tbody>
<tr>
<td>Sponsor logo displayed on event platform (April 23 event day) designated website</td>
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<td>Judging opportunity</td>
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<td>Sponsorship of 1 winner’s participation in the Invention Convention U.S. Nationals</td>
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<td>Sponsorship recognition included in all digital/print channels</td>
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<td>Sponsorship of emcee and keynote speaker and recognition given in keynote welcome remarks</td>
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<td>Complimentary President’s Circle membership for one executive</td>
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<td>$500 named scholarship for a KCIC winner</td>
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THANK YOU TO ALL OUR EDUCATORS, PARTICIPANTS, JUDGES, AND VOLUNTEERS!

EDUCATORS AND SCHOOLS

- Tyler Baker
  - Rockhurst High School

- Kezia Bohanon
  - Gateway 6th Grade Center

- Troy Butler
  - Citizens of the World Charter School

- Amanda Dillon
  - Gateway 6th Grade Center

- Mike Farmer
  - Blue Valley CAPS

- Sara Freeman
  - Maple Elementary

- Meg Hunting
  - Gardner Edgerton High School

- Peggy Kelly
  - John Paul II Catholic School

- Marsha Lacey
  - Northeast Middle School

- Betsy Lawrence
  - Summit Trail Middle School

- Cory Lewis
  - Summit Trail Middle School

- Sophie MacColl
  - Notre Dame de Sion Grade School

- Kayla Mackey
  - Home Schooler

- Izula Maximillen
  - Home Schooler

- Dustin McEntarfer
  - Short Circuit Robotics

- Courtney Moffitt
  - Sunflower Enhanced Learning

- Mary Montag
  - St. Teresa’s Academy

- Jennifer Moriarty
  - Crossroads Preparatory Academy

- Sui Sum Olson
  - St. Thomas Aquinas High School

- Matt Peterie
  - Bishop Miege High School

- Michelle Taylor
  - Home Schooler

- Kathleen Teel
  - Notre Dame de Sion High School

- Maeve Tung
  - Nativity Parish Middle School

EDUCATOR TESTIMONIAL

“I found the KCIC curriculum helpful by giving me a direction to go – it all seemed so overwhelming at first, but then I got lesson plans and a schedule of what to present and when – it all seemed to fall in place!”

- Peggy Kelly
JUDGES

Ishfaq Ahmed, Kansas City Kansas Community College
Odile Berner, Honeywell
Chris Chapin, Kansas City Art institute
Jessica De La Cruz, Kansas City Art institute
Michael Engel, Kansas City Art institute
Betty Freeman-Boots, Retired
Tom Hilleary, Island Radar Company
Mick Hilleary, Total Habitat
Lorraine Hoffower, volunteer
Pamela Jackson, Honeywell
John Jungk, Honeywell
Allie Krass, Honeywell
Alan Lehman, George Butler Associates, Inc.
Pan Leung, Generation Maker Lab
Nicholas Love, Love Lifesciences
Lisa Maione, Kansas City Art institute
Sparshita Manchella, Kiewit
Nathan Neufeld, Kansas City Art institute
Nicholas Putnam, volunteer
Kyle Simatos, Honeywell
Megan Sword, Husch Blackwell
Erik Timpson, Honeywell
Amy Willard, Metropolitan Community College
Randy Williams, Kansas City Art institute

THANK YOU HAMMERSPACE COMMUNITY WORKSHOP

Hammerspace Workshop is home to Kansas City’s community of makers, crafters, and inventors. Prior to the convention, students were given the opportunity to visit the space for a free workshop, encouraged to work on their invention designs, build or refine their prototypes, and have expert inventors and entrepreneurs provide feedback on their inventions.
A HUGE THANK YOU TO ALL OUR SPONSORS AND COMMUNITY PARTNERS THAT MADE THIS POSSIBLE!

Presented by

Geraldine and R.A. Barrows Foundation, UMB Bank, n.a., Trustee

Kansas City National Security Campus
managed by Honeywell FM&T

BIOKANSAS

FORVIS

IDEOLITY

Husch Blackwell

Harry Portman Charitable Trust, UMB Bank, n.a., Trustee

spire

Presented by

Linda Hall Library
Science + Engineering + Technology