Glossary

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Letter From Our CEO

How can we best prepare children for an increasingly complex and unpredictable world?

Our answer at the National Inventors Hall of Fame is to promote the lessons and stories of our Inductees and present them as innovative role models throughout our education programming.

With your continued support, children can build the same innovative mindset the world’s greatest inventors have used to transform our society for the better. This is made possible by our amazing partners including the United States Patent and Trademark Office, our corporate and foundation sponsors, individual donors, and the millions of teachers, administrators and families who believe in our shared mission.

In the words of former U.S. President Theodore Roosevelt, credit belongs not to the critics but to those who enter the arena and dare to achieve greatness — when faced with doubt and hardship, they persevere. In many ways, these same qualities apply to National Inventors Hall of Fame Inductees, and by honoring and sharing their legacies, together we will prepare the next generation to overcome the challenges of tomorrow.

Michael J. Oister
Chief Executive Officer, National Inventors Hall of Fame
NATIONAL INVENTORS HALL OF FAME

IN PARTNERSHIP WITH THE UNITED STATES PATENT AND TRADEMARK OFFICE

PROVIDED 1 MILLION DAYS OF INVENTION EDUCATION IN 2022

3.0 MILLION
CHILDREN, EDUCATORS, COLLEGE STUDENTS & INVENTORS IMPACTED

608 WORLD-CHANGING INDUCTEEES

33 YEARS LEADERS IN STEM EDUCATION

2022 BY THE NUMBERS

286,000 CHILDREN

2,500 SCHOOL & DISTRICT PARTNERSHIPS

2,500 UNDERSERVED CHILDREN

50 STATES

50 STATES

197,000+

23,000 EDUCATORS & STAFF

4,700 COLLEGIATE INVENTORS COMPETITION PARTICIPANTS

PROGRAMS IN EACH STATE

50 & UP

20-49

UP TO 19

2022 at a Glance

2
In 2022...

...you fueled the future of innovation.

Connecting generations of innovators, your support empowered children and collegiate inventors to learn directly from our world’s greatest creators: National Inventors Hall of Fame® Inductees.

Your generosity furthered our mission — to recognize inventors, promote creativity, and advance the spirit of innovation and entrepreneurship — and will continue making an impact for years to come.
Education Programs

You helped curious children become creative problem solvers.

Children nationwide had obstacles to face in 2022. Helping them recover from disruptions to their learning over the past several years, your generosity allowed the National Inventors Hall of Fame to reach more schools and districts and guide children to build the I Can Invent® Mindset — the same mindset National Inventors Hall of Fame Inductees use to overcome challenges and develop solutions.

This powerful mindset sparks a lifelong love of learning and equips children with the character and skills they need to navigate their lives, now and in the future.

- You helped provide 1 million days of invention education to more than 286,000 children nationwide this year through PreK-12 STEM programs including Camp Invention®, Club Invention® and Invention Project®

- You supported professional development for Program Team Members in more than 2,500 schools and districts

- 191 schools and districts that ran National Inventors Hall of Fame programs before the pandemic returned to partnering with us to offer all-new experiences

"I shared my ideas by making things and building and [using] cooperation. So when we collaborate and work together as a team, it makes me feel happy."

— Tiffany, Camp Invention camper, Cleveland, OH
You supported design thinking through one-of-a-kind experiences.

- Your support created opportunities to deliver invention education in action with the launch of the new **Invention Project** program, providing flexible, year-round PreK-8 options for classroom partners.
- The adventurous 2022 **Camp Invention Explore** program provided all-new, hands-on challenges to campers in grades K-6 across all 50 states, Washington, D.C., and Puerto Rico.
- Camp Invention also brought mentorship opportunities to more than **4,700 Leaders-in-Training** in grades 7-9.
- Meeting the needs of students nationwide, you helped provide more customized solutions than ever before and reached, in total, **51,000 more children** compared to 2021.

**ACROSS ALL 50 STATES, D.C. AND PUERTO RICO**

"I would highly recommend the [Invention Project] curriculum. You really have everything that you need, from the actual materials packaged in a great kit for students, to the professional development [...] and the resources that are provided to our teachers. It's just outstanding. Something I’ve never seen before in any other curriculum."

— Shannon F., Coordinator of Expanded Learning
You enabled our collaboration with school districts nationwide.

- Valued district partnerships included California’s Escondido Union School District and Maryland’s Carroll County Public School District
- Many districts leveraged ARP/ESSER funds in implementing customized National Inventors Hall of Fame education programs to support academic achievement
- Educators strengthened their skills and confidence through 59 district-funded National Inventors Hall of Fame professional development opportunities

You gave more children access to confidence-building STEM enrichment.

- You provided direct scholarships to 197,000 underserved children, opening doors for children who would otherwise not have access
- Your generosity provided Spanish-language program materials for more than 71,000 children
- Your gifts prioritized equitable experiences in supportive environments for all learning styles

“My son has autism and was afraid to go to camp because of his fine motor disability and difficulty with making new friends. After the first day, he said he loved camp and was so happy he went. On the last day, he was so happy and excited to show us everything he learned and made. It was awesome to see his confidence, his excitement and his success!”
— C. Cook, Camp Invention parent, Grayson, GA

“I have three older kids, all with very different personalities, and they all absolutely loved Camp Invention! Thank you so much for a wonderful, creative and inventive camp! The discount we were able to receive via scholarships is the only way we were able to afford sending all three kids, and we are so very grateful for it. We hope to continue attending camp as long as my kids are able to!”
— Addie and Kyle F., Camp Invention parents, Cody, WY
You joined us in honoring passion and persistence.

After pausing in-person celebrations for the health and safety of all through the COVID-19 pandemic, in 2022, the National Inventors Hall of Fame Induction Ceremony was held for the first time since 2019.

- **The Greatest Celebration of American Innovation®** took place on May 5 at The Anthem in Washington, D.C.

- The Hall of Fame inducted **27 visionary inventors** representing a diverse array of fields, backgrounds and accomplishments, and holding **more than 1,770 patents combined** at the time of their Induction.

- With the 2022 class, the National Inventors Hall of Fame has welcomed **608 Inductees**.
Breaking Barriers: Honoring Extraordinary Black Inventors celebrated National Inventors Hall of Fame Inductees and other great innovators who have made an enduring impact.

Champions of Innovation, sponsored by Champion, celebrated inspiring women including 2022 Inductees Polly Smith, Lisa Lindahl and Hinda Miller, inventors of a revolutionary garment — the sports bra.

You funded stories of ingenuity and intellectual property.

The National Inventors Hall of Fame Museum reopened its doors in May 2022. Located within the United States Patent and Trademark Office (USPTO) headquarters in Alexandria, Virginia, the museum welcomed visitors of all ages with new and exciting exhibits designed to share the inspiring stories of influential innovators.

- The Women in Innovation exhibit, sponsored by Qualcomm, invited visitors to watch powerful interviews with women and girls in STEM.
- Featuring a virtual skydive experience, Innovation: The Sky is the Limit was inspired by the work of 2022 Inductee Floyd Smith, inventor of the modern parachute.
- For a limited time, the National Inventors Hall of Fame Museum was also home to the Super Soaker® prototype created by 2022 Inductee Lonnie Johnson, and one of the Kiva robots that began the wave of robotics automation in material handling, developed by 2022 Inductees Mick Mountz, Peter Wurman and Raffaello D’Andrea.
- Sponsored by the Bullard company, the 100 Years of Hard Hat Protection exhibit honored the impact of this essential piece of safety equipment, invented by 2022 Inductee Edward W. Bullard.
You helped us promote an inventive mindset through Inductee integration. Your support for National Inventors Hall of Fame education programs allowed us to introduce children to more of the world’s most innovative role models: our Inductees. These visionary inventors inspired and were directly involved in developing our 2022 curricula, designed to instill the I Can Invent Mindset.

- Children at 17 Camp Invention programs experienced in-person visits from National Inventors Hall of Fame Inductees who encouraged their curiosity, creativity and collaboration

OVER 80 INDUCTEES WERE FEATURED IN CAMP INVENTION’S 2022 EXPLORE PROGRAM
You joined us in rewarding innovation and entrepreneurship. The 32nd annual Collegiate Inventors Competition® (CIC), a unique opportunity for emerging inventors to advance their innovations, was also held in person for the first time since 2019. The event took place Oct. 11-12, 2022, at the USPTO headquarters. Finalists, whose inventions have the potential to improve lives and shape industries, presented their work to National Inventors Hall of Fame Inductees and USPTO patent examiners as they competed for cash prizes and patent acceleration.

2022 Finalists included 25 students representing 10 colleges and universities nationwide

Finalists gained expert insight from 11 National Inventors Hall of Fame Inductee Judges

4,693 votes were cast by the public for the 2022 Arrow Electronics People’s Choice Award

Thanks to our sponsors, cash prizes were awarded to our 2022 Winners:

Graduate Winner Vishnu Jayaprakash from Massachusetts Institute of Technology invented AgZen-Cloak technology, which uses proprietary nozzles and biodegradable, food-safe, plant-derived oil to increase efficiency in pesticide use and ensure better crop protection, yield and revenue

Undergraduate Winners and Arrow Electronics People’s Choice Award Winners Karly Ripple, Kathleen Fallon, Ally Reichart and Jordan Cole from Clemson University invented CatheSure, the first device to wirelessly and noninvasively detect the failure of ventriculoperitoneal shunts used in treating hydrocephalus

Graduate Runner-Up Arthur Petusseau from Dartmouth College invented Hypoxia Imager for Surgery Guidance, a system enabling real-time imaging of a lack of oxygen, which could help reduce cancer recurrence associated with diseased tissue left behind in surgery

Undergraduate Runners-Up Hannah Yamagata, Delphine Tan and Jenlu Pagnotta from Johns Hopkins University invented Dynamic Brace, an adaptable new approach to the treatment of clubfoot that improves comfort, mobility and compliance with clinician’s orders
When I learned about CIC, I was very excited about the idea of a gathering of young inventors. I thought CIC would be a great opportunity to get feedback on my invention and expertise from professionals.”

— Arthur Petusseau, 2022 Graduate Runner-Up, Dartmouth College
Partnerships and Sponsors

You made an impact in communities across the country.

Dedicated and generous partners, sponsors and donors funded one-of-a-kind experiences and made 2022 a year of meaningful innovation.

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Collegiate Inventors Competition

Arrow Electronics
Tom Wolf

Induction/Museum

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The National Inventors Hall of Fame Board of Directors continued to provide essential support in fulfilling the National Inventors Hall of Fame’s mission.

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Financial Statements (in thousands)

Statement of Financial Position  2022  2021

**Assets**
- Cash and Cash Equivalents: $9,512, $8,951
- Accounts Receivable: $445, $395
- Employee Retention Credit: $1,078
- Grants Receivable: $1,812, $2,260
- Pre K-12 Education Program Supplies: $8,738, $4,714

**Investments - Market Value**
- Endowment: $6,976, $8,199
- Other: $14,245, $10,384
- Other - Trust: $1,141, $944
- Other Assets: $1,006, $916
- Buildings, Exhibits, Collections, and Equipment - Net: $7,563, $7,343

**Total Assets**
$52,514, $44,107

**Liabilities and Net Assets**
- Accounts Payable and Accrued Expense: $5,011, $2,139
- Deferred Revenue: $2,596, $1,169
- Other Liabilities: $1,141, $962

**Total Liabilities**
$8,748, $4,270

**Net Assets**
$43,766, $39,837

**Total Liabilities and Net Assets**
$52,514, $44,107

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Statement of Activities  2022  2021

**Revenue**
- PreK-12 Programming: $35,857, $26,098
- Government, Foundation & Corporate Sponsorships: $8,733, $9,886
- Employee Retention Credit: $1,078
- Paycheck Protection Program: $1,131, $66
- Store: $58, $7
- Other Revenue: $887, $707

**Total Revenue**
$45,857, $38,056

**Expenses**
- Programs
  - Education: $29,717, $23,128
  - Recognition: $1,447, $707
  - Museum & Exhibits: $887, $687
- Supporting Activities
  - Management & General: $5,261, $3,712
  - Fundraising: $1,065, $914

**Total Expenses Related to Program & Supporting Activities**
$38,376, $29,148

**Net from Operations**
$7,480, $8,908

**Realized & Unrealized Investment Income**
$3,551, $2,077

**Change in Net Assets**
$3,929, $10,985

**Net Assets, Beginning of Year**
$39,837, $28,852

**Net Assets, End of Year**
$43,766, $39,837

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**2022 Assets**
- Cash & Equivalents: 18%
- Inventories: 17%
- Fixed Assets: 14%
- Investments: 43%
- Other: 8%

**2022 Revenues**
- PreK-12 Programming: 78%
- Other: 3%

**2022 Expenses**
- Government, Foundation & Corporate Sponsorships: 19%
- General & Administrative: 13%
- Fundraising: 3%
- Programming: 84%
Thank you!

We are grateful for your investment in American innovation.

Thank you for your confidence in the National Inventors Hall of Fame. It is your generosity that sustains the mission, providing essential funds dedicated to honoring, inspiring and empowering innovators of all ages, ambitions and backgrounds across America.

Find more opportunities to get involved at invent.org