National Inventors Hall of Fame®

2019 ANNUAL REPORT

2019 Annual Report
We apply lessons from the world’s greatest inventors – our Inductees – to empower the next generation of innovators through STEM education, intellectual property knowledge and inspiring experiences that build confidence and creativity.

Michael J. Oister
Chief Executive Officer
National Inventors Hall of Fame
FOR NIHF, 2019 WAS A YEAR OF FOCUS –
A YEAR IN WHICH WE CONCENTRATED ON OUR MISSION, IMPROVED OUR PROCESSES AND STRENGTHENED THE CORE OF OUR ORGANIZATION.
WE SHARED INSPIRATION TO CONNECT ONE GENERATION OF INVENTORS WITH THE NEXT
“An inventor changes, modifies or adapts specific things in specific directions and recognizes connections.”

— NIHF INDUCTEE GEORGE ALCORN, INVENTOR OF THE X-RAY SPECTROMETER
WE PLACED OUR WORLD-CHANGING INDUCTEES AT THE CENTER OF ALL WE DO.
WE HELD THE 47TH ANNUAL
NIHF INDUCTION CEREMONY.
19 VISIONARY INVENTORS WERE INDUCTED, GROWING THE NIHF FAMILY TO 581 INDUCTEES.
51 INDUCTEES WERE INCORPORATED INTO OUR CAMP INVENTION® CURRICULUM.
2,013 CHILDREN MET AN INDUCTEE IN PERSON AT CAMP INVENTION.
WE SHARED INDUCTEES’ STORIES WITH MORE THAN 35,000 NIHF MUSEUM VISITORS.
WE PROVIDED ENGAGING STEM EDUCATION TO CHILDREN NATIONWIDE WITH ALL-NEW CURRICULA
“Curiosity and exploration are the essential starting points of innovation. We have to cultivate that in ourselves, and in young children, because that’s where it starts.”

— NIHF INDUCTEE SUMITA MITRA, INVENTOR OF NANOComposite dental MATERIALS
NIHF has been a leader in STEM education for 30 years, providing inclusive, hands-on learning experiences.
OUR IMPACT IN 2019 HAS BEEN MADE POSSIBLE BY OUR DEDICATED PARTNERS AND GENEROUS SPONSORS AND DONORS.
WE BROUGHT SCIENTIFIC EXPLORATION, TEAMWORK AND FUN TO MORE THAN 3,000 SCHOOLS AND DISTRICTS NATIONWIDE, INCLUDING WASHINGTON, D.C. AND PUERTO RICO.
WE PARTNERED WITH 22,000 TEACHERS AND PROGRAM TEAM MEMBERS TO HELP YOUNG INNOVATORS BUILD THEIR PROBLEM-SOLVING AND CRITICAL THINKING SKILLS.
WE INSPIRED CONFIDENCE AND CREATIVITY IN 130,808 CAMP INVENTION PARTICIPANTS.
WE IMPACTED 178,172 STUDENTS THROUGH OUR IMMERSIVE, PREK-12 STEM PROGRAMS, 35% OF WHOM BENEFITED FROM SCHOLARSHIPS.
“My daughter struggles with focus and attention. Camp Invention has changed our lives. She is excited about learning new things now and her confidence is through the roof.”

— Rebecca B., Fort Smith, Arkansas
“My son loved attending Camp Invention! He had a blast learning about all the different topics, **building and inventing**. He also seemed to gain confidence and **made new friends**. As a shy, anxious child, it really made me happy to see him become more confident and outgoing.”

– Emily L., Floyds Knobs, Indiana
“My daughter had an amazing time! As a woman in a scientific field, I really want to encourage her critical thinking skills and confidence in the STEM areas, and Camp Invention was perfect for her. Well done!”

– Jennifer J., Gates Mills, Ohio
“After just one day of Camp Invention, my son was excited to learn, participate and engage with the other kids attending. His confidence in creating things increased every day, and his enthusiasm was off the charts.”

– Jodi M., Cincinnati, Ohio
“My daughter is significantly more interested in science since she attended Camp Invention. She is fascinated by fossils and insects, and she asked for a microscope for her eighth birthday. Camp Invention helped introduce her to the fun of scientific exploration.”

– Allegra M., Indianapolis, Indiana
WE BELIEVE THAT ALL CHILDREN CAN INVENT, GAIN CONFIDENCE AND BUILD PERSISTENCE.
CHILDREN REPRESENTING A WIDE VARIETY OF COMMUNITIES, INTERESTS AND ABILITIES ACCESSED EXCEPTIONAL STEM ENRICHMENT AT CAMP INVENTION.
WE INVESTED IN NEW RESEARCH TO VALIDATE OUR EDUCATION PROGRAMS
“To create anything innovative, you have to do a lot of homework first.”

— NIHF INDUCTEE B. JAYANT BALIGA, INVENTOR OF THE INSULATED GATE BIPOLAR TRANSISTOR
WE’VE PROVEN MEANINGFUL BENEFITS OF ATTENDING CAMP INVENTION.
RESEARCH HAS REVEALED:

Just one week at Camp Invention results in significant short-term and long-term improvements in creativity, STEM interest, collaboration and problem solving.

RESEARCH HAS REVEALED:

Participating in Camp Invention during the summer has increased students’ attendance, performance and engagement the following school year.

SOURCE: Summit Education Initiative, National Inventors Hall of Fame Camp Invention Summer 2019 (December 2019).
WE’VE ALSO MEASURED OUR SUCCESS AMONG EDUCATORS AND PARENTS.
CAMP INVENTION HAS EARNED A 96% PARENT AND TEACHER SATISFACTION RATING.
WE OPTIMIZED COMMUNICATION TO EFFECTIVELY REACH OUR AUDIENCES
“The important thing about invention is to become passionate about what you do and sell, sell, sell it.”

— NIHF INDUCTEE SPENCER SILVER, INVENTOR OF POST-IT® NOTES
WITH A WIDE ARRAY OF CONTENT, WE ENHANCED OUR PROMOTION OF INNOVATION, ENTREPRENEURSHIP AND INTELLECTUAL PROPERTY KNOWLEDGE.
WE RELEASED 8 NEW WHITE PAPERS ON TRENDING INDUSTRY TOPICS.
WE PRODUCED MORE THAN 130 VIDEOS IN HOUSE, ONE OF WHICH ORGANICALLY REACHED OVER 43,000 CUSTOMERS – A NEW RECORD FOR NIHF!
WE GREW OUR TOTAL SOCIAL AUDIENCE TO OVER 99,000 CUSTOMERS.
WE PUBLISHED 240 BLOGS WHICH DROVE OVER 100,000 VISITORS TO INVENT.ORG.
THERE WERE OVER 2,000 NEWS STORIES PUBLISHED NATIONWIDE ABOUT OUR EVENTS, INDUCTEES AND STEM PROGRAMS.
WE REWARDED

CREATIVE PROBLEM SOLVING

AND PROVIDED GUIDANCE FOR EMERGING INNOVATORS
“We’re in a business to add value to society. In the process of adding value, if we’re successful, we’ll be profitable.”

— NIHF INDUCTEE EDMUND O. SCHWEITZER III, INVENTOR OF THE DIGITAL PROTECTIVE RELAY
WE HELD OUR 29TH COLLEGIATE INVENTORS COMPETITION®.
FINALISTS INCLUDED 23 STUDENTS FROM 11 COLLEGES AND UNIVERSITIES NATIONWIDE.
THEY PRESENTED THEIR WORK TO 11 NIHF INDUCTEE JUDGES AND MORE THAN 2,000 CIC EXPO ATTENDEES.
5,952 VOTES WERE CAST FOR THE ARROW ELECTRONICS PEOPLE’S CHOICE AWARD.
AND THE WINNERS WERE...

FIRST-PLACE
GRADUATE
Infinite Cooling

UNDERGRADUATE
PE-IVT (Positively Engaged, Infinitely Variable Transmission Using Split Helical Gears)

RUNNERS-UP
GRADUATE
Nanodropper

UNDERGRADUATE
PeritoneX
TO DATE, WITH THE HELP OF OUR SPONSORS, WE HAVE AWARDED MORE THAN $1 MILLION TO CIC WINNERS.
WE APPRECIATE YOUR CONTINUED INVESTMENT IN THE FUTURE OF AMERICAN INNOVATION
“Good ideas are even better ideas when they can improve people’s lives and help the Earth.”

— NIHF INDUCTEE EDITH FLANIGEN, INVENTOR OF MOLECULAR SIEVES
EVERYONE AT NIHF IS GRATEFUL FOR THE GENEROUS SPONSORS AND DONORS WHOSE CONTRIBUTIONS ARE SHAPING A BRIGHTER, MORE INNOVATIVE TOMORROW.
Annual Fund
Anonymous
AmazonSmile Foundation
Iver and Nancy Anderson
Stanley Apple, C. P. A.
Mrs. Agnes Bacon, In memory of Roger Bacon
Dr. Jean Bailey
Donald L. and Maryann Bitzer Family Fund
Benjamin Briggs, In honor of Su and Eric Fossum
Michael Cammarata, In memory of Joseph Michael Cammarata
Marvin H. and Fiona Caruthers
Frank Cepollina
Jasmine C. Chambers
Raj S. Davé
Joanie Freeman Charitable Giving Fund, In memory of Ross H. Freeman
Arthur Fry
Edward W. Gray, Jr.
Ted and Judy Hoff
Stanley K. and Sally Lindsay Honey
IBM Matching Grants
Christine Jaya
James D. Kraus
Ray and Jennifer Leach
James E. Malackowski
Wendy Merkert, In memory of Carma R. Merkert
Drs. Morton M. and Tobia H. Mower
Rini Paiva
Shawn and Jacqueline Quinn
Steve and Cindy Sasson
SEI Industries
Gary and Rona Sterling
William Walker
Jon Wood
James J. Wynne

Collegiate Inventors Competition
Arrow Electronics
Marc A. Burrell, M.D.
Hologic
Merck
Wilson Sonsini Goodrich & Rosati, P.C.
Thomas Wolf

National Inventors Hall of Fame
Anonymous
American Intellectual Property Law Association
Arch Venture Partners
Automated Financial Systems, Inc.
Avid
Donald L. and Maryann Bitzer
The Rob and Alyssa Briggs Fund of Akron
Community Foundation
Lisl M. Buckingham Fund of Akron Community Foundation
Catholic Charities Eastern Washington
Corning, Inc.
Eugene M. Cummings
Finnegan, Henderson, Farabow, Garrett & Dunner, LLP
Eric R. and Su Fossum
Helen Free
Free Enterprises
IBM
International Trademark Association
The Amos E. Joel Young Inventors Endowment
Ruth and Donald Keck
James D. Kraus
Marconi
Merck
Nokia Bell Labs
Ocean Tomo
Dr. and Mrs. Julio C. Palmaz
Pfizer
Porzio, Bromberg & Newman P.C.
Purdue University, College of Engineering
Qualcomm
Quanex
Red Point Digital
Rensselaer Polytechnic Institute
Rice University
Switzerland Engineering Laboratories
Gary and Patty Sharp
SportsMedia Technology Corporation
TIBCO
Thompson Coburn LLP
Unlimited Ink, Inc.
Teledyne
Thomas Wolf

Children’s Education Fund Endowment Sponsors
The AI and Helen Free Foundation
The Fossum Family Foundation
Andrea and Stephanie Joel, establishing The Amos E. Joel Young Inventors Endowment
Camp Invention, Club Invention and Invention Project

$250,000+
AbbVie Foundation
Army Educational Outreach Program
Nordson Corporation Foundation

$100,000 - $249,000
Camp Director Fundraising Initiatives
Burton D. Morgan Foundation
ShurTech Brands, LLC
United Way of Summit County

$50,000 - $99,999
The Jochum-Moll Foundation

$30,000 - $49,999
APS Foundation
The Boeing Company
Camp Invention Parents
Community Foundation of Lorain County
Ford Motor Company
H. B. Fuller Company Foundation
Google
Motorola Solutions Foundation

$20,000 - $29,999
The Anschutz Foundation
ArcelorMittal
Dow Corning Foundation
EGT Foundation
The Goodyear Tire & Rubber Company
Micron Foundation
OtterCares Foundation

$15,000-$19,999
American Electric Power Foundation
American Intellectual Property Law Association
The Huntington-Akron Foundation
Ohio Lottery Commission
The Montgomery Foundation
The Reinberger Foundation
TE Connectivity

$10,000 - $14,999
Bayer USA Foundation
Bloom Foundation, a Donor Advised Fund of The U.S. Charitable Gift Trust, In loving memory of Leonard I. Bloom, Esq.
Boehringer Ingelheim Cares Foundation
Community Foundation for Northern Virginia
The George H. Deuble Foundation
Duke Energy Foundation - Indiana
The Fossum Family Foundation
Hardenbergh Foundation
Honda of America Mfg., Inc.
Betty V. and John M. Jacobson Foundation
Martha Holden Jennings Foundation
George and Frances Ligler
The Sisler McCaw Foundation
Joseph & Harvey Meyerhoff Family Charitable Funds
Rhode Island Foundation
Sorenson Legacy Foundation
Western Digital Foundation
Wooster Hydrostatics, Inc.
Wyoming Community Foundation

$5,000 - $9,999
Alliant Energy Foundation, Inc.
The Bohemian Foundation
Lisl M. Buckingham Fund of Akron Community Foundation
The Charro Foundation
Chautauqua Region Community Foundation
Cleveland Intellectual Property Law Association
Clorox
Community Foundation of Central Wisconsin
Cuna Mutual Foundation
The Dow Chemical Company - Kentucky Operations
The Dow Chemical Company - Michigan Operations
George and Lissa Elliott
Gordon Elwood Foundation
First National Bank of Fort Smith
Genius Factory, LLC
Global Partners
Joan Hartley Gross Memorial Fund of the Community Foundation of the Mahoning Valley
Kileen Evening Lions Club
Marconi
Luther T. McCaulley Charitable Trust
Frederick McDonald Trust, Bank of America, N.A., Trustee
Larry H. Miller Charities
Edwin F. Mulligan Endowed Fund
National Inventors Hall of Fame Children’s Education Endowment Fund
Northrop Grumman Foundation

The Boehringer Ingelheim Cares Foundation
United Way of Summit County

The Andrew Jergens Foundation
The Kennedy Family Fund, a component fund of the Community Foundation of the Mahoning Valley
Kileen Evening Lions Club
Marconi
Luther T. McCaulley Charitable Trust
Frederick McDonald Trust, Bank of America, N.A., Trustee
Larry H. Miller Charities
Edwin F. Mulligan Endowed Fund
National Inventors Hall of Fame Children’s Education Endowment Fund
Northrop Grumman Foundation

The Boehringer Ingelheim Cares Foundation
United Way of Summit County

The Andrew Jergens Foundation
The Kennedy Family Fund, a component fund of the Community Foundation of the Mahoning Valley
Kileen Evening Lions Club
Marconi
Luther T. McCaulley Charitable Trust
Frederick McDonald Trust, Bank of America, N.A., Trustee
Larry H. Miller Charities
Edwin F. Mulligan Endowed Fund
National Inventors Hall of Fame Children’s Education Endowment Fund
Northrop Grumman Foundation

In partnership with

UNITED STATES PATENT AND TRADEMARK OFFICE

PARTNERS AND SPONSORS
IN 2019, SUPPORT FROM OUR SPONSORS AND DONORS PROVIDED MORE THAN 62,000 UNDERSERVED CHILDREN WITH AN IMMERSIVE STEM EXPERIENCE.
“We were so blessed to receive a partial **scholarship** for my daughter. Camp taught her to be **confident** and not scared to try new things. While there, she **learned so much**. She has such a creative mind and loved every minute of it. Thank you.”

— Courtney G., Roswell, New Mexico
“It was so gratifying to see how happy my grandsons were every day! My oldest has struggled in social and classroom situations. He enjoyed Camp Invention without struggles, and it boosted his self-esteem! My youngest discovered an aptitude for design he never knew he had. Fabulous program and awesome teachers and staff! Thank you also for having scholarships available, or they would not have been able to attend. This camp was truly a gift in many ways for our little family!”

— Janet M., Stanwood, Washington
“My daughters were talking about what they did for weeks! They started using around-the-house items to create their own projects. They looked forward to it every day! Extremely thankful for scholarship availability – without it, we would not have been able to come.”

— Jen B., Leavittsburg, Ohio
OUR SPONSORS AND DONORS MAKE THE NIHF MISSION A REALITY BY INVESTING IN THE NEXT GENERATION OF INNOVATORS.
THERE ARE MANY WAYS TO JOIN US AND MAKE A DIFFERENCE:

• Become a **program sponsor** to support children’s access to STEM education.

• Make a lasting impact through **planned giving** options or establish a named endowment.

• Donate appreciated shares of **stock** and enjoy tax planning benefits.

• Consider giving **online**, donating any amount in a fast, easy and secure way.

Contact us at [sponsor@invent.org](mailto:sponsor@invent.org) or visit our website to learn more!
Along with the contributions of our supporters, we are grateful for the leadership and insight of our Board of Directors.
2019 Board of Directors

Thomas Wolf
Co-Chairman
Chief Financial Officer,
InstaKey Security Systems

Jon Wood
Co-Chairman
Partner of Counsel, Dinsmore & Shohl

Gary Sterling
Vice Chairman
Retail Consultant, Dick’s Sporting Goods (retired)

Stanley L. Apple, CPA
Assistant Treasurer
Principal, Apple Growth Partners

Edward W. Gray, Jr.
NIHF Selection Board Ambassador
Partner, Thompson Coburn LLP

James Kraus
Assistant Secretary
Partner, Buckingham, Doolittle & Burroughs, LLC

Jean Bailey, Ph.D.
Graduate Professor and Director,
Center for Drug Abuse Research,
Howard University

Robert W. Briggs
Chairman Emeritus
Partner, Buckingham, Doolittle & Burroughs, LLC
2019 BOARD OF DIRECTORS CONT.

Jasmine Chambers, Ph.D.
NIHF Canada Board Ambassador
Of Counsel, Wilson Sonsini Goodrich & Rosati P.C. (retired)

Raj S. Davé
President and Founder,
Davé Law Group

Ray Leach
Chief Executive Officer,
JumpStart, Inc.

James E. Malackowski
President & Chief Executive
Officer, Ocean Tomo

Steven Sasson
Product Development Manager,
Eastman Kodak (retired)
2011 National Inventors Hall of Fame Inductee - Digital Camera

Michael J. Oister
President
Chief Executive Officer,
National Inventors Hall of Fame, Inc.

Monica Jones
Vice President
Chief Operating Officer,
National Inventors Hall of Fame, Inc.

Rhonda L. Campbell
Treasurer
Chief Financial Officer,
National Inventors Hall of Fame, Inc.

Hannah Paulin
Secretary
Chief Strategic Officer,
National Inventors Hall of Fame, Inc.
Details behind all our work can be found in our **2019 financial report**.
Statement of Financial Position 2019 2018

**Assets**

<table>
<thead>
<tr>
<th>Description</th>
<th>2019</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash &amp; Cash Equivalents</td>
<td>$4,050</td>
<td>$6,256</td>
</tr>
<tr>
<td>Accounts Receivable</td>
<td>381</td>
<td>214</td>
</tr>
<tr>
<td>Grants Receivable</td>
<td>832</td>
<td>1,057</td>
</tr>
<tr>
<td>PreK-12 Education Program Supplies</td>
<td>3,600</td>
<td>2,394</td>
</tr>
<tr>
<td>Investments - Market Value</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Endowment</td>
<td>6,411</td>
<td>5,389</td>
</tr>
<tr>
<td>Other</td>
<td>8,211</td>
<td>7,047</td>
</tr>
<tr>
<td>Other - Trust</td>
<td>1,311</td>
<td>841</td>
</tr>
<tr>
<td>Other Assets</td>
<td>528</td>
<td>701</td>
</tr>
<tr>
<td>Buildings, Exhibits, Collections, Software &amp; Equipment - Net</td>
<td>8,183</td>
<td>5,541</td>
</tr>
<tr>
<td><strong>Total Assets</strong></td>
<td>$33,326</td>
<td>$29,440</td>
</tr>
</tbody>
</table>

**Liabilities and Net Assets**

<table>
<thead>
<tr>
<th>Description</th>
<th>2019</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounts Payable &amp; Accrued Expenses</td>
<td>$1,768</td>
<td>$2,128</td>
</tr>
<tr>
<td>Deferred Revenue</td>
<td>616</td>
<td>426</td>
</tr>
<tr>
<td>Other Liabilities</td>
<td>1,169</td>
<td>843</td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td>$3,553</td>
<td>$3,398</td>
</tr>
<tr>
<td><strong>Net Assets</strong></td>
<td>$29,774</td>
<td>$26,042</td>
</tr>
<tr>
<td><strong>Total Liabilities and Net Assets</strong></td>
<td>$33,326</td>
<td>$29,440</td>
</tr>
</tbody>
</table>

Statement of Activities 2019 2018

**Revenue**

<table>
<thead>
<tr>
<th>Description</th>
<th>2019</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre K-12 Programming</td>
<td>$26,255</td>
<td>$25,284</td>
</tr>
<tr>
<td>Government, Foundation, &amp; Corporate Sponsorships</td>
<td>7,035</td>
<td>7,031</td>
</tr>
<tr>
<td>Store</td>
<td>140</td>
<td>92</td>
</tr>
<tr>
<td>Other Revenue</td>
<td>155</td>
<td>97</td>
</tr>
<tr>
<td><strong>Total Revenue</strong></td>
<td>$33,585</td>
<td>$32,504</td>
</tr>
</tbody>
</table>

**Expenses**

<table>
<thead>
<tr>
<th>Description</th>
<th>2019</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Programs:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Education</td>
<td>$23,911</td>
<td>$22,215</td>
</tr>
<tr>
<td>Recognition</td>
<td>1,678</td>
<td>1,885</td>
</tr>
<tr>
<td>Museum and Exhibits</td>
<td>1,419</td>
<td>1,427</td>
</tr>
<tr>
<td>Supporting Activities:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Management &amp; General</td>
<td>4,066</td>
<td>3,861</td>
</tr>
<tr>
<td>Fundraising</td>
<td>725</td>
<td>679</td>
</tr>
<tr>
<td><strong>Total Expenses Related to Program &amp; Supporting Activities</strong></td>
<td>$31,799</td>
<td>$30,067</td>
</tr>
</tbody>
</table>

**Net from Operations**

<table>
<thead>
<tr>
<th>Description</th>
<th>2019</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Realized &amp; Unrealized Investment Income</td>
<td>2,265</td>
<td>(603)</td>
</tr>
<tr>
<td>Other Non-Operational Expense</td>
<td>(319)</td>
<td></td>
</tr>
<tr>
<td>Change in Net Assets</td>
<td>3,731</td>
<td>1,834</td>
</tr>
<tr>
<td><strong>Net Assets, Beginning of Year</strong></td>
<td>$26,042</td>
<td>$24,208</td>
</tr>
<tr>
<td><strong>Net Assets, End of Year</strong></td>
<td>$29,773</td>
<td>$26,042</td>
</tr>
</tbody>
</table>
To all who support NIHF, through your dedication, inspiration and gifts,

THANK YOU

for a meaningful year and a promising future.

Your impact has never been more appreciated. Find more opportunities to get involved at invent.org.