From Our Leadership

In 2018, we celebrated the 20th anniversary of MIND Research Institute. Looking back over the past two decades of our work to transform education, we were continually inspired by the passion and dedication of our colleagues, allies and our partners like you. Together, we have empowered so many young minds across the country. As we look ahead, we continue to build on the foundation of the past toward a future where all students are mathematically equipped to solve the world’s most challenging problems.

Thank you for being part of our past, our present and our future!

Brett Woudenberg
Chief Executive Officer
MIND Research Institute

Matthew Peterson, Ph.D.
Co-founder and Chief Research & Development Officer
MIND Research Institute
Ensuring that all students are mathematically equipped to solve the world’s most challenging problems.

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Showcasing Our Mission and Our Partners

The newly redesigned mindresearch.org website was launched in May, and it is the embodiment of our values, our mission, and the power of our partnerships. The website provides a deeper look into our approach to transforming education, as well as the research and social impact efforts behind everything we do. It also showcases the people who drive MIND’s mission, and the partners and allies who are helping us empower more students across the country every day.

Explore the new website » www.mindresearch.org
Voices of MIND

We created a podcast and an educator perspective series to highlight the opinions of trusted sources who inspire people with innovative ideas in the fields of math, education and beyond. We also continued to expand our own thought leadership with several speaking engagements across the country.

Our First Podcast - February 2018 saw the launch of our flagship podcast, “Inside Our MIND”. In each episode, we take a look at issues and challenges facing education that we are working to address through research, technology and strategic initiatives. Our April episode featured the CEO of Education Elements Anthony Kim, sharing his thoughts about how schools and districts must change from an organizational standpoint in order to have a truly successful personalized learning model.

In this new blog series, we interviewed teachers and administrators across the country who were engaging, motivating and challenging their students in unique ways. In one installment, Dr. Wendy Kerr discussed with us how ST Math helped Live Oak Elementary in Fallbrook, California build a culture of personalized learning.

Lead Mathematician Brandon Smith, and Co-founder and Chief Research & Development Officer Matthew Peterson, Ph.D, spoke at the ISTE (International Society for Technology in Education) conference and expo in June.
Growing Future STEM Leaders with ST Math

Students in schools across 47 states continue to find success through the visual instructional approach of ST Math. Through our ongoing Profiles in Success series, we visit our partner schools to see the power of ST Math in action and hear from educators and administrators just how the program is changing the way their students learn.

ST Math School Grants Totaled

$4,719,300

Through the continued support of our partners, more students than ever are now transforming their learning with ST Math.

1,271,912

Students

56,013

Teachers

4,356

Schools

47

States
ST Math Awards

It was an award-winning year for ST Math! Our visual instruction program was recognized for its ability to build a deep conceptual understanding of math, and for engaging students with game-based learning.

ST Math Awards

2018 SIIA CODiE WINNER

2018 Best Mathematics Instructional Solution

2018 SIIA CODiE FINALIST

2018 Best Game-Based Curriculum Solution

Nationwide Impact

This year, third-party independent research firm WestEd conducted a nationwide study of ST Math that was the largest of its kind to evaluate an edtech program. Researchers used an innovative method to normalize school performance across state lines, evaluating how a school ranked on their standardized math test performance within their state before and after adopting ST Math. The study found schools that consistently used ST Math outgrew similar schools by 14 percentile points in statewide ranking.
Last year we launched the all-new ST Math website, and over the past twelve months we’ve added a tremendous collection of tools for educators, administrators and parents.

**ST Math Central**


A new learning hub for ST Math users! ST Math Central provides reports, self-guided online courses, professional development, online community support and other resources.

**Resources Page**


A single place for multiple resources that comprehensively cover core topics in math education. This year, we addressed math rigor and personalized learning.

**Parent Resources**


A page that provides resources for parents to help their children with math, both in and outside of the ST Math program.
Building a Community of Problem Solvers

Through public-private partnerships, we brought the excitement of math to youth, families and communities both in and out of the classroom.
JiJi Culture

ST Math students love JiJi! Throughout the year, students showed us just how deeply ST Math and “JiJi culture” were embedded in their schools.

Students Choose Math for Christmas

A yearly tradition of mine as Database Analytics Manager at MIND Research Institute is discovering how many students log into ST Math throughout Christmas day. These students are choosing to learn math—even when school is not in session. This year on Christmas day, 14,921 unique students logged in a total of 27,306 times.

JiJi Day 2018

What’s JiJi Day? JiJi Day is a special day at the end of April, when students across the country celebrate math and engage in activities that promote growth mindset.

JiJi, the penguin mascot in ST Math, encourages students to persevere through challenges, to love learning, and experience the thrill of success.

National K-12 Game-a-thon

Students thought critically and creatively to design their own math games in our annual K-12 Game-a-thon. When it came time to announce our winners, we called on community members to take part in the judging process.

“Happy to be a judge for MIND Research Institute’s national K-12 Game-a-thon. It’s a great example of an event that supports young game makers who are designing games that solve mathematical problems.”

— @BlockStory1, 2018 Game-a-thon Judge
In December, MIND was selected as a member of the Fall 2017 Ignite cohort at NewSchools Venture Fund. As part of this cohort, MIND delved into the student gameplay in grades Pre-K-1 of its visual instructional program, ST Math. The goal was to report insights for Pre-K-1 students that ST Math quizzes already provide in grades 2 and up.

Brazosport Independent School District serves students who speak over 20 languages and have a high mobility rate. When they were offered a grant for ST Math from Phillips 66, which employs many of the families in the area, Brazosport ISD embraced the opportunity. In just three years of implementation, the shift in math culture has been so profound that one campus went from being identified as at-risk by the state to earning the district’s top 3rd grade math scores.

Verizon Innovative Learning provides free technology, free internet access, and hands-on learning experiences to help give under-resourced students the education they deserve. Their efforts to bring devices and effective educational content into classrooms have helped ensure that more of our partner schools are equipped to get the most out of our ST Math program.

In June, Cisco invited us to be part of their Global Problem Solvers Makerspace at the annual ISTE conference and expo.
One8 Foundation and Mass STEM Hub partnered to develop an implementation plan and grant program to expand ST Math in Massachusetts. It enabled 54 schools to implement the program for 3 years, starting this school year.

In April, PwC invited us to join them at the the 5th USA Science & Engineering Festival Expo in Washington D.C. Over 350K+ attendees celebrated science at the Expo and engaged in activities with some of the biggest names in STEM.

Last fall, we experienced a season full of STEM events with Rockwell Automation. As we prepared for two Family Math Nights and the 2017 Automation Fair event, Rockwell Automation invited our CEO, Brett Woudenberg, to weigh in with his thoughts on the future of the STEM workforce.

**In the Media**

- **38,500** social media followers (25% growth from previous year)
- **36%** increase in blog views (from previous year)
- **22,000** blog views in record month
- **41%** increase in unique web visitors (from previous year)
- **22,561** media mentions (social media, blogs, press)

Connect with us on:

- [JiJiMath](#)
- [@MIND_Research](#)
- [MIND Research Institute](#)
Thank you to our partners for another successful year.

$3 MILLION AND UP
Cisco Foundation
One8 Foundation
Phillips 66
PwC US
Samueli Foundation
Verizon

$250,000 AND UP
Albert and Bettie Sacchi Foundation
APS Foundation, Inc.
Arconic Foundation
Fred Taylor
Gerard Family Trust
KDK-Harman Foundation
Leonetti/O’Connell Foundation
Macy’s Foundation
Marion Knott
Marjorie Rawlins
Mathew and Sydni Peterson
Ralph and Else Stern
Segerstrom Foundation
The Matthew and Roberta Jenkins Family Foundation
University of Phoenix Foundation
Wells Fargo Foundation
Xerox

$1 MILLION AND UP
Croul Family Foundation
Emulex Corporation
Hyundai Motor America
Jim and Sheila Peterson
Microsemi
Paul and Margo Folino
The Boeing Company
The Horowitz Group
UC Irvine
Chevron

$500,000 AND UP
Abbott Medical Optics
Bank of America
Capital Group
Children & Families Commission of Orange County
Dennis and Carol Troesh
Fluor Corporation
Helping Us Help Ourselves Foundation
Janet & James “Walkie” Ray
John and Sherry Phelan
John Deere Foundation
Michael and Susan Dell Foundation
OneWest Bank/CIT Bank
Pacific Life Insurance : Pacific Life Foundation
Podlich Family Fund
Rockwell Automation
Ted and Janice Smith
The Argyros Foundation
The Hoag Foundation

$100,000 AND UP
American Honda Foundation
Arnold and Mabel Beckman Foundation
Brady Education Foundation
Beall Family Foundation
California Community Foundation
Carol and Budge Collins
CME Group Foundation
DIRECTV
Donald P. and Dodo Kennedy
Dwight Stuart Youth Fund
Dynamax International Trading Co., Ltd
Edwards Lifescience
Ella Fitzgerald Charitable Foundation
Ford Motor Company
Hastings/Quillin Foundation
Hot Topic Foundation
Houston Endowment
Jim and Vivian McCluney  
Kris and Linda Elftmann  
Marc Levin  
Michelle Rohe  
NAMM  
Napa Valley Vintners  
Norris Foundation  
O.L. Halsell Foundation  
RGK Foundation  
Rose Hills Foundation  
S.L. Gimbel Foundation  
SAP America, Inc.  
Southern California Edison  
Southern California Gas Company  
State Farm Insurance - Southern California  
Stephen and Sally Herrick  
Steven and Amy Litchfield  
Symantec Corporation  
Taco Bell - YUM! Brands, Inc.: Taco Bell Foundation  
The Ahmanson Foundation  
The Annenberg Foundation  
The Carol and James Collins Foundation  
The Cummins Foundation  
The Green Foundation  
The Kling Family Foundation  
Tim and Jean Weiss  
Troy Group  
U.S. Bank: US Bank - Southern California  
United Way of Greater Los Angeles  
W.M. Keck Foundation

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| John R. and Elizabeth Stahr |
| Mara W Breech Foundation |
| McMaster-Carr Supply Company |
| Mike and Janice Lowther |
| Mike S. and Ellie Gordon |
| Miller Environmental, Inc. |
| Northrop Grumman Foundation |
| Peggy and Robert Sprague |
| Pitney Bowes Foundation |
| Robert E. and Linda F. Yellin |
| Roth Family Foundation |
| Steinmetz Foundation |
| Tarsadia Foundation |
| The Dito Devcar Foundation |
| The Grammy Foundation |
| The Roripaugh Family Foundation |
| The Sutton Family Charitable Fund |
| United Way for Southeastern Michigan |
| Viejas Entertainment & Productions |
| WHH Foundation |

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<td>George Hoag Family Foundation</td>
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<td>Leo M. Shortino Family Foundation</td>
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<td>NEC Foundation of America</td>
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<td>Opus Bank: Opus Community Foundation</td>
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Ronald McDonald House Charities
Rowena Yarek Schaber
SchoolsFirst Federal Credit Union
Technology for Kids Foundation
The Allergan Foundation
The Eisner Foundation
The Guardian Life Insurance Company of America
The Lookout Foundation, Inc.
Tim Molnar, CFP
TransCanada
Walt Disney Company
Western Digital Corporation
Yum! Brands Foundation, Inc.

$10,000 AND UP
Ann W McDonald
Atalanta Partners
Barbara Roberts
Bill and Linda Kreidler
Bruce Chapman
Chicago Mercantile Exchange
Commercial Bank of California
Community Bank
Crane Foundation, Inc.
Damien M Jordan
Dan S. and Sharon Whelan
Dancing Tides Foundation
Davis Guggenheim and Elisabeth Shue
DaVita Total Renal Care, Inc.
Deborah Lima
Depository Trust & Clearing Corporation
Donald and Carol Murray Family Trust
Douglas and Lynn Freeman
Dwight Decker
Edward and Helen Shanbrom Family Fund
Edwin Fuller
Erik and Kari Brandi
Frank William Lynch
Freeport-McMoRan Copper & Gold Foundation
Gibson, Dunn & Crutcher
Glen and Dorothy Stillwell Charitable Trust
Greg Njoes
Hitachi, LTD
I-Rise Foundation
James P. Hagstrom and Cynthia O’Neill
James W. and Gail Daniels
Jane Fugishige Yada
John and Kerry Holtrust
John and Tashia Morgridge
John Bishop and Barbara Nieto
Kirkland & Ellis Foundation
Latham and Watkins LLP - Costa Mesa
Legacy Ladies, Inc.
Liz Merage
Marian and Garth Bergesm
Mark Bodner
Martha Newkirk
Mike Ray
Morgridge Family Foundation
National Defense Industry Association
Network for Good
New Century Financial Corporation
Orange County Business Journal
Orange County United Way
Overdeck Family Foundation
Patricia Dempster
PNC Foundation and Charitable Trust
Professional Media Group
RF Nano Corporation
Richard and Susan Bridgford
Rick Smetanka : Haskell & White LLP
Robert and Connie Ihrke
Robert and Dallas Celecia
Robert E. and Julie Romney
Rockwell Collins
Rolf Uitzetter
Sam Goldstein
Soka University of America
Sooch Foundation
Staples Inc.
Stephen and Kathy Peterson
The Draper Foundation
The Fieldstone Company
The Itri Family Foundation
The Merage Foundation
The Pacific Endowment
The William C. Bannerman Foundation
Thomas E. and Gerda Sparks
Tiger Woods Foundation
Tony and Ginger Allen
Toshiba America : Toshiba America Electronics Co.
Toshiba America : Toshiba America Foundation
United Health Foundation
United Technologies Matching Gifts Program
Walmar Foundation
William and Pam Lawless
Zeiss Optics Corporation

Note: List reflects cumulative giving as of June 30, 2018
## Financials

### FY 2018

#### Funding by Donor

- **70%** Foundations
- **29%** Corporations
- **1%** Individuals

#### Expenses

- **84%** Program
- **6%** Fundraising
- **10%** Management

### Support and Revenues

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<tr>
<th>Description</th>
<th>FY 2018</th>
<th>FY 2017</th>
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<tr>
<td>Contributions</td>
<td>$8,220,214</td>
<td>$5,681,259</td>
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<td>In-kind revenues</td>
<td>176,386</td>
<td>220,262</td>
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<td><strong>Total Fundraising and Philanthropy</strong></td>
<td><strong>$8,396,600</strong></td>
<td><strong>$5,901,521</strong></td>
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<td>Program fees – schools</td>
<td>22,400,528</td>
<td>20,654,846</td>
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<tr>
<td><strong>Total Support and Revenues</strong></td>
<td><strong>$30,797,128</strong></td>
<td><strong>$26,555,161</strong></td>
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### Expenses

<table>
<thead>
<tr>
<th>Description</th>
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<th>FY 2017</th>
</tr>
</thead>
<tbody>
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<td>Program</td>
<td>23,073,174</td>
<td>25,756,419</td>
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<td>Management</td>
<td>2,770,134</td>
<td>2,074,470</td>
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<td>Fundraising</td>
<td>1,726,069</td>
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<td><strong>Total Expenses</strong></td>
<td><strong>$27,569,377</strong></td>
<td><strong>$29,143,705</strong></td>
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### Increase in Net Assets

- **FY 2018**: $2,919,052
- **FY 2017**: (2,588,544)

### Beginning Net Assets (Deficit)

- **FY 2018**: (1,660,482)
- **FY 2017**: 928,062

### Net Assets, Ending

- **FY 2018**: $1,258,570
- **FY 2017**: ($1,660,482)

MIND Research Institute’s fiscal year 2018 financial statements were audited by Grant Thornton LLP, certified public accountants. For a complete copy of the 2018 Audited Financial Statements, please visit [https://www.mindresearch.org/financials](https://www.mindresearch.org/financials).
Board of Directors

John Phelan
Chairman
MIND Research Institute;
Executive Vice President
Capital Research and Management
Company (Capital Group Companies)

Brett Woudenberg
Chief Executive Officer
MIND Research Institute

Matthew Peterson, Ph.D.
Co-founder &
Chief Research & Development Officer
MIND Research Institute

Mark Bodner, Ph.D.
Co-founder &
Research Scientist
MIND Research Institute

Andrew R. Coulson
Chief Data Science Officer
MIND Research Institute

Chuck Amos
Chief Executive Officer
GuideK12

Mary deWysocki
Senior Director of Corporate Affairs
Cisco Systems, Inc.

Ed Fuller
President & Founding Partner
Laguna Strategic Advisors

Donald E. Garcia
Founder
Pinnacle Consulting Group

Lawrence Higby
Ret. Vice Chairman and Advisor
Apria Healthcare, Inc.

David Horowitz
Chairman
Horowitz Management, Inc.

Roberta Jenkins
Vice President
Matthew and Roberta Jenkins Family Foundation

Claudia Kreisle
Director of Philanthropy
Phillips 66

Mike Lefkowitz
President
The Semel Group

Steve E. Litchfield
Chief Financial Officer and Chief Strategy Officer
MaxLinear, Inc.

Jim McCluney
Ret. Executive Chairman of the Board
Emulex Corp.

Daryl G. Pelc
Ret. Vice President
Engineering & Product Support, Global Services & Support
Boeing Defense, Space & Security

Ted Smith
Ret. Founder & Chairman
FileNet (Retired)

IN MEMORIAM

Gordon Shaw, Ph.D.
Co-founder, Chairman Emeritus & Institute Scientist
MIND Research Institute;
Professor Emeritus, Physics
University of California, Irvine

Note: List reflects Board of Directors as of June 30, 2018
MIND’s had an incredible year of forwarding its mission. ST Math now reaches more students than ever before and we’re continuing to find ways to empower the next generation of problem solvers. Thank you for your support as we continue to expand our reach to more students, teachers, schools and communities.