SCIENCE NEWS | JULY 21, 2021 Arp 273 is an interacting pair of galaxies. The larger of these tangoing part-ners, UGC 1810, is being distorted into a shape reminiscent of a rose by its companion, UGC 1813, which makes the flower's stem. A bridge of material connects the two galaxies across tens of thousands of light-years. NASA, ESA, THE HUBBLE HERITAGE TEAM/STSCI AND AURA

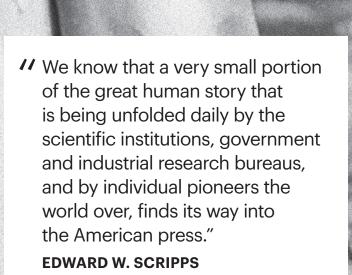


For more information, please contact: Bruce Makous Chief Advancement Officer 202-872-5138 | bmakous@societyforscience.org www.societyforscience.org | www.sciencenews.org









## **Making History**

This year was special, as we celebrated the centennial of Society for Science. In our first 100 years, the Society launched a magazine, advised government agencies, created and grew three world-class STEM research competitions and developed a suite of outreach programs focused on ensuring that every young person with an interest in STEM has an opportunity to pursue that passion.

The Society launched a digital timeline in recognition of our impressive history, dating back to our founders' first meeting. University of California professor and zoologist William Ritter connected with newspaper magnate Edward W. Scripps in the summer of 1903, and in 1921 they founded Science Service, now called Society for Science. And as they say, the rest is history.

Our magazine, Science News, created a special series to celebrate our centennial. Century of Science delves into major advances across the sciences, including Earth's history, human evolution, the genetic revolution, climate change, the workings of our brains and the vastness of the cosmos. One element that excited us: all the content found in Century of Science is grounded in the more than 90,000 articles in the Science News archive.



In the second year of the COVID-19 pandemic, the Society worked to ensure that the virtual experience had by all the finalists who competed in our world-renowned science research competitions was second to none. To celebrate Science Talent Search's 80th anniversary, the virtual Regeneron STS finalists were also honored to have four Nobel laureates – Walter Gilbert, Sheldon Glashow, Roald Hoffman, and Frank Wilczek – who are also STS alumni, speak with them via Zoom. The Broadcom MASTERS finalists were brought together via Zoom to participate in exceptional team challenges and met alumni from around the country during a 10-year anniversary event.

The biggest digital achievement was the Regeneron International Science and Engineering Fair going fully online. We created a virtual world for the Regeneron ISEF finalists that enabled them to interact, play virtual soccer and hear from industry experts, in addition to being judged -1,779 finalists from 64 countries, regions and territories participated in nearly 6,000 virtual judging appointments! We awarded over \$5 million, with nearly 30,000 views of the virtual awards ceremony. Our outreach and equity programs, meanwhile, continued to provide thousands of teachers and millions of students with resources for their classrooms aimed at helping

them during an exceptionally challenging school year.

Science News and Science News for Students not only continued to provide their audiences with the latest scientific information but also kept readers informed about the latest COVID-19 variants. The Science News Media Group also hosted a virtual symposium on topics ranging from climate change to COVID-19.

The Society has an incredible team, and we are grateful for all the work they do to ensure the success of our journalism, competitions, and outreach and equity programs.

We thank the Board of Trustees, whose commitment and guidance ensure the continued success of the Society. We extend our deepest thanks to Paul Maddon. Tom Leighton and Alan Leshner for their long-term service to the Board. We will miss them. We welcome Lance R. Collins, Mariette DiChristina and Charles McCabe to the Board and look forward to their guidance in the years ahead. We also thank our sponsors for their valued support of our competitions and programs. Most importantly, we could not do our work without the generous support of you, the Society's subscribing members, donors, alumni and readers. Here's to another extraordinary century at Society for Science!

Many Sue Coleman

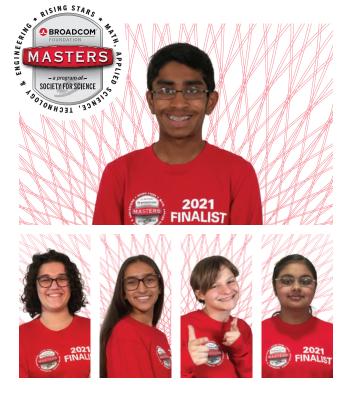
Mary Sue Coleman Chair, Society for Science Board of Trustees President, University of Michigan STS 1961 ISEF 1959–1960

# TOP<br/>MOMENTS<br/>2021CELEBRATING<br/>SCIENTIFIC<br/>TALENT



#### **REGENERON STS**

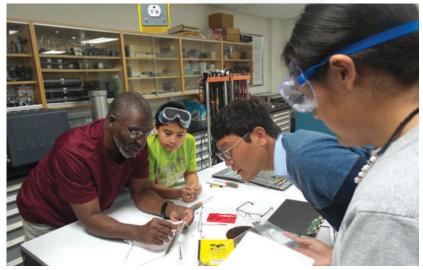
For the second time in its 80-year history, the Regeneron Science Talent Search was held virtually in order to keep finalists and their families safe during the COVID-19 pandemic. The winners were selected from 1,760 applications received from 611 high schools across 45 states; Washington, D.C.; Puerto Rico; and 10 countries. Yunseo Choi of Exeter, N.H., won the \$250,000 top award. Second place and \$175,000 went to Noah Getz of New York, N.Y., and third place and \$150,000 went to Eshani Jha of San Jose, Calif. Dasia Taylor of North Liberty, Iowa, was named the Seaborg Award winner and given the opportunity to speak on behalf of the Regeneron STS Class of 2021 during the awards ceremony.



#### **BROADCOM MASTERS**

In 2021, Broadcom MASTERS took place virtually for a second year, with students competing in team challenges online. Akilan Sankaran from Albuquerque, N.M., won the Samueli Foundation Prize. Akilan is the first student in the competition's 11-year history to take home the top award for a math project. Camellia Sharma of Henrico, Va., won the \$10,000 DoD STEM Talent Award; Prisha Shroff of Chandler, Ariz., won the \$10,000 Lemelson Award for Invention; Josephine E. Schultz of San Antonio, Texas, won the \$10,000 Marconi/Samueli Award for Innovation; and Ryka C. Chopra of Fremont, Calif., won the \$10,000 Robert Wood Johnson Foundation Award for Health Advancement.





#### SCIENCE NEWS IN HIGH SCHOOLS

More than 17,000 educators and an estimated 5 million students have access to *Science News* in High Schools, our program that brings reliable and trustworthy STEM journalism into the classroom. In 2021, the Society filmed a series of webinars highlighting how teachers have effectively integrated the program into their classrooms. During a year when many educators were teaching virtually, the Society wanted to provide teachers with as much support as possible.



#### **REGENERON ISEF**

Nearly 2,000 young scientists, engineers and innovators from 49 states and 64 countries participated in the Regeneron International Science and Engineering Fair's first virtual competition. Finalists participated in virtual judging, watched streamed programming and had fun in a virtual world created just for them. Top winners included Michelle Hua of Troy, Mich., who won first place and the \$75,000 George D. Yancopoulos Innovator Award: Catherine Kim of Jericho, N.Y., who received a \$50,000 Regeneron Young Scientist Award; and Daniel Shen of Cary, N.C., who also received a \$50,000 Regeneron Young Scientist Award.

#### **ADVOCATE PROGRAM**

The Society named 66 educators to serve in the Advocate Program for the 2021–2022 school year. Throughout their one-year terms, Advocates encourage at least three to five students whose race or ethnicity is historically underrepresented in STEM to undertake science and engineering research and help them enter their projects into competitions. To date, Advocates have supported more than 4,000 students through the life of the program; of these, 3,076 students have successfully competed in at least one science research competition.





#### MIDDLE SCHOOL RESEARCH TEACHERS CONFERENCE

Middle school teachers from across the country gathered together online for the Middle School Research Teachers Conference, supported by the Department of Defense through its Defense STEM Education Consortium (DSEC). The peer-led conference included more than 100 teachers from 27 states; Washington, D.C.; Puerto Rico; and Guam. Because of the COVID-19 pandemic, the conference took place, in part, in a virtual world created by the Society, enabling the educators to interact as customized avatars.

#### **NEW BOARD MEMBERS**

The Society added to its Board of Trustees, bringing on Mariette DiChristina, Dean of the College of Communication at Boston University; Lance R. Collins, VP and Executive Director of the Virginia Tech Innovation Campus; and Charles McCabe, Chief Advisor of the Manifold Fund and great-grandson of Society for Science founder E. W. Scripps.



#### HIGH SCHOOL RESEARCH TEACHERS CONFERENCE

In the Society's first hybrid event, high school teachers from around the country gathered online while those living near the Society's home of Washington, D.C., met in person. The conference included peer-led sessions that focused on topics ranging from leading students in independent scientific research to engaging students from underserved communities.





#### **ENGAGING OUR ALUMNI**

The Society brought together alumni from around the world—virtually—for conversations and panel discussions on topics that ranged from data science to aerospace. During our annual Signature Event, alumni and members were treated to a talk by AI pioneer Tom Gruber, Cofounder, CTO, and Head of Design for the team that created Siri. Michael Kanfer (STS 1976; ISEF 1976), a visual effects Academy Award winner, also spoke with alumni after a screening of his film *Apollo* 13. Our exceptional alumni participated in multiple panel discussions during Regeneron ISEF and Regeneron STS, sharing wisdom with our community.

#### **100 YEARS OF IMPACT**

In honor of the Society's centennial, we launched an online timeline, "100 Years of Impact," detailing the Society's role in covering key scientific moments and discoveries, encouraging science literacy, and identifying the next generation of leaders in science and engineering. The timeline includes documents, photographs, and audio and video clips, such as the very first *Science News Bulletin* from April 2, 1921; an *Adventures in Science* broadcast from 1958 discussing applying science to disease outbreaks; and photos of presidents and first ladies, including Eleanor Roosevelt and President Barack Obama, with Science Talent Search finalists.



#### **SCIENCE NEWS NOW**

The Society hosted a free-to-the-public, virtual symposium called Science News Now that paired *Science News* journalists with renowned scientists at the top of their fields in conversations about current challenges and advances in scientific research. Science News Now provided a unique opportunity for the magazine's multiple constituencies and the general public to come together and explore cutting-edge discoveries and their implications for human progress with leading research experts.





#### A NEW NAME FOR A NEW CENTURY

Society for Science, which was founded in April 1921 as Science Service by journalist Edward W. Scripps and zoologist William Ritter, celebrated its centennial in 2021. In recognition of this incredible milestone, Society for Science & the Public shortened its same to the simpler Society for Science. "We are excited to start a new century with a shorter, easier-to-remember name," said Maya Ajmera, President and CEO of Society for Science and Publisher of *Science News*.

#### 130 SOCIETY FOR SCIENCE

In July 1925, biology teacher John Scopes stood trial for teaching evolution in a Dayton, Tennessee, public school, Dayton's teaders weicomed the test case to bring notority to their town, launching a nationwide debate about town, launching a nationwide debate about south of the public education. In addition to arguing for evolutionary theory's validity in *Science News-Letter*, Science Service holped scientists to testify — a type of intervention scientists to testify — a type of intervention Scopes utilizately ios the case. Science Service promoted scientific expertise and played a key toel in one of the 20th century's most loonie court cases.



1925: Science Service at

the Scopes Trial

#### CENTURY OF SCIENCE FROM Science News

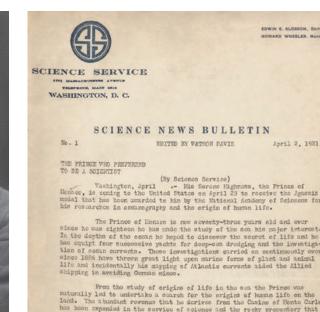
Science News launched a new site, Century of Science, which delves into major advances across the sciences that have transformed our understanding of the world, the universe, and our lives. Topics include Earth's history, human origins, the workings of our brains, the genetic revolution, climate change and the vastness of the cosmos.

## **100 YEARS**

As Society for Science looks forward to a bright future, it draws inspiration from the past 100 years. Read on to view a sampling of our online timeline featuring historic photographs, founding documents, trailblazing news coverage and more. You can find the full timeline at centennial.societyforscience.org

## **OF CHAMPIONING SCIENCE**



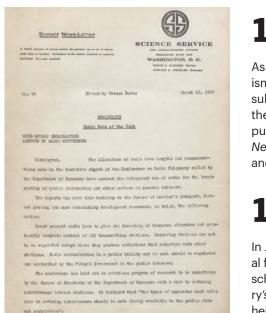


## **1903** HOW THE SOCIETY CAME TO BE

In the summer of 1903, University of California professor and zoologist William Ritter met newspaper magnate Edward W. Scripps. Scripps funded Ritter's marine life laboratory in San Diego, Calif., which became the Scripps Oceanographic Institute. As their friendship grew, Ritter shared his expertise in scientific inquiry with Scripps, who imparted to Ritter his vision for science's potential to improve humankind.

## **1921** SCIENCE NEWS BULLETIN

On April 2, 1921, Science Service published the first *Science News Bulletin*. As Science Service's journalistic debut, this weekly collection of science news stories furnished subscribing newspapers with syndicated science material that editors could choose when and where to print. Over time, Science Service developed additional means of distributing its journalism, including its own magazine, *Science News-Letter*.



The findings of the conformer look formul is the day thus are preven vith to calle to simultaneously oblasses by wells the superity of possic in this control, Date: We indexive resonancelutions official follows government breadmarking has

### **1922** *SCIENCE NEWS-LETTER*

As word spread about Science Service's journalism, individuals increasingly asked if they could subscribe themselves. To meet popular demand, the editors created *Science News-Letter*, first published on March 13, 1922. In 1926, *Science News-Letter* became a magazine, with pictures and advertisements.

## **1925** REPORTING AT THE SCOPES TRIAL

In July 1925, biology teacher John Scopes stood trial for teaching evolution in a Dayton, Tenn., public school. In addition to arguing for evolutionary theory's validity in *Science News-Letter*, Science Service helped cover Scopes' defense costs and located scientists to testify—an intervention journalists would not engage in today.



**1942** SCIENCE TALENT SEARCH

Sponsored by Westinghouse and administered by Science Service, the first Science Talent Search took place in 1942. After passing a grueling 100-question science aptitude examination, psychological evaluations and a committee selection process, 40 finalists won scholarships and a trip to Washington, D.C. STS quickly became the premier science research competition for students attending American high schools.





## **1938** ADVENTURES IN SCIENCE

In the 1930s, Science Service started developing a new radio program with CBS. By 1938, this series of interviews with scientists was named *Adventures in Science*. Science Service director Watson Davis hosted most of these weekly broadcasts, which remained on the air until 1958.



### CATALOG OF EXHIBITS

The Franklin Institute Philadelphia, Pa. May 19-21, 1950

### **1950** | NATIONAL SCIENCE FAIR

Science Service and Science Clubs of America held the first National Science Fair in Philadelphia. At the fair, 30 exceptional young finalists-selected at regional science fairs-competed for acclaim and prizes totaling \$1,000 in scientific equipment. Today, around 400 Grand Awards are given each year in more than 20 categories at the Regeneron ISEF.

## **1958** | NATIONAL SCIENCE FAIR GOES INTERNATIONAL

The National Science Fair continued to grow and evolve over time, and the first international competitors-traveling from Japan and Germany—joined 281 U.S. finalists in Flint, Mich., for the 1958 National Science Fair. In acknowledgment of its global scope, the competition became known as the International Science Fair in 1965 and the International Science and Engineering Fair in 1971. In recent years, the fair has welcomed participants from more than 80 countries, regions and territories.



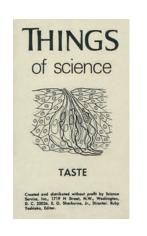
### **1961** PRESIDENT KENNEDY MEETS STS FINALISTS

Determined to develop the space program, President John F. Kennedy collaborated with science advisers throughout his presidency and advocated for partnerships between scientists and the government. In 1961, Kennedy personally greeted each STS finalist during their visit to the White House. Science News-Letter described the students as "humanitarians as well as scientists."

### **1962** CONGRESSIONAL CHARTER

In the summer of 1962, Science Service received a congressional charter -a law that officially recognized the organization's public service mission. Science Service was granted the charter for promoting science education through science clubs, fairs and the Science Talent Search-programs that now engage over 1 million students nationwide each year.





### **1960s** THINGS OF SCIENCE

Things of Science boxes reached the height of their popularity in the late 1960s, with almost 40,000 educational kits distributed monthly. Science Service director Watson Davis noted that the program was effective for "the enlightenment of the public and the... teaching of science." Over the course of four decades, thousands of children came to love and understand science and scientific thinking through the kits.

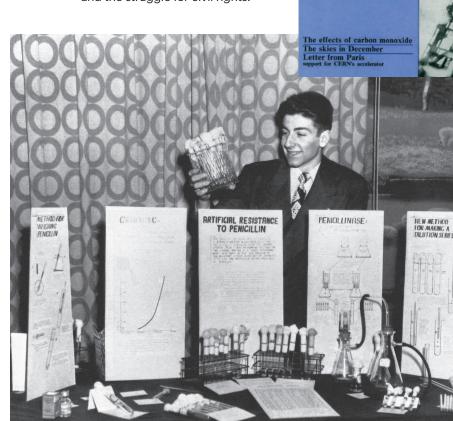
## **1969** | REPORTING ON THE SPACE RACE

In the 1960s and 1970s, Science News published more than 100 stories related to the Apollo missions, from the moon landing to experiments on lunar material. As it hailed Apollo's achievements, the publication also documented many Americans' ambivalence toward investment in space research during an age of social unrest, war and the struggle for civil rights.

#### NOW IT'S **APOLLO 12**

science

news





Confusion over homosexu The universe's missing antim Letter from Lor

## **1972** FIRST ALUMNI TO WIN THE NOBEL PRIZE

In 1972, Leon Cooper and Gerald Edelman became the first STS alumni to win the prestigious Nobel Prize. Cooper and two colleagues won the Nobel Prize in physics for developing the theory of superconductivity. Edelman won his award in medicine for his research on the chemical structure of antibodies. Since 1972, 13 STS alumni have received the coveted prize in recognition of their outstanding achievements.

## **1980s** COVERING HIV/AIDS RESEARCH & TREATMENT

As the HIV/AIDS epidemic spread in the 1980s, Science News featured dozens of articles covering scientists' race to understand the virus. In an era when AIDS was widely misunderstood and stigmatized, Science News published well-researched articles that helped the public better understand the disease.



## **1999** THE DISCOVERY YOUNG SCIENTIST CHALLENGE

**Discovery Communications partnered with** Science Service to expand the organization's middle school programming to encourage achievement and communication in science and math at a younger age. In 1999, Science Service and Discovery Communications held the first Discovery Young Scientist Challenge, giving finalists educational and career-shaping opportunities. Students nominated from local science fairs applied for this national recognition.

## 2003 SCIENCE NEWS FOR KIDS

To provide middle school students with ageappropriate, topical science news, Science Service launched Science News for Kids in 2003. With input from educators, journalists and students, the organization created an engaging, free website featuring new science developments not found in school textbooks. Articles defined scientific terms and used language appropriate for readers aged 9 to 14. Over its first two years, the site received 200,000 visitors. In 2013, its name changed to Science News for Students, and it now publishes new articles each week for learners of all ages.

## **2006** PRESIDENT GEORGE W. BUSH MEETS STS FINALISTS

President George W. Bush met with STS finalists multiple years and supported science education through the 2007 America COMPETES Act, which created new STEM education programs. In 2006, prize-winning finalists identified water quality problems, discovered new geometric properties of random walks and studied the molecular mechanisms behind heart disease.



### **2010** BROADCOM MASTERS

Broadcom Foundation partnered with the Society in 2010 to relaunch and revitalize a middle school science competition with an emphasis on learning 21st-century skills. The result was Broadcom MASTERS (Math, Applied Science, Technology, and Engineering for Rising Stars). Each year, Broadcom MASTERS selects a group of 30 exceptional young scientists to travel to Washington, D.C., to present their projects and participate in team challenges, competing for cash awards and prizes.





## 2015 OUTREACH AND EQUITY PROGRAMS

To advance its mission to expand science literacy and opportunity for all members of the public, the Society launched a slate of new outreach and equity programs for underserved communities in 2015. Today, six programs-Science News in High Schools, the Advocate Program, STEM Research Grants, STEM Action Grants and the High School and Middle School Research Teachers Conferences—support students and educators across the nation.

## 2020 COVERING CORONAVIRUS

Throughout the coronavirus pandemic, Science News has made trustworthy information on the virus and its global impact widely accessible to the public. In addition to offering extensive coverage of the pandemic, a free email newsletter provides subscribers with weekly updates on the latest coronavirus research. Science News also made its coronavirus content available to other publications for free. These efforts have provided widespread access to accurate information on the rapidly evolving pandemic.



## **GROWTH IN 2021**

Society for Science operates within three broad areas of program work: (1) science journalism, (2) world-class science competitions for high school and middle school students and (3) outreach and equity programming. In 2021, 85 cents of every dollar spent by the Society supported program work. General and administrative costs accounted for 7 cents of every expense dollar, and fundraising costs equaled 8 cents of every expense dollar.

Our science competitions, which were held virtually in 2021, remain a vibrant and important segment of our work and accounted for 55% of program spending. Our outreach and equity programming, which seeks to expand access to STEM opportunities for students across the country, together with our work focused on building our alumni community, accounted for 10% of program spending. Science News Media Group's work, which includes *Science News* as well as *Science News for Students*, accounted for 35% of program spending. The Society's balance sheet continues to be very healthy, with total net assets of \$89.6 million, composed of unrestricted net assets of \$27.7 million and restricted net assets of \$61.9 million. The Society carries no long-term financing and owns its primary office real estate. As a result, unrestricted current assets exceed current liabilities by \$52.9 million, resulting in a 6.8 ratio of current assets to current liabilities. The Society's unrestricted investment balance is entirely liquid and accounts for almost 50% of current assets composed of cash, investments, prepaid expenses and the amount of grants receivable to be received in the next year. The investment portfolio holdings are well diversified and professionally managed in order to take advantage of market growth while minimizing risk of loss.

Restricted assets make up the largest asset class and are mostly grants receivable for future funding commitments from Regeneron, Broadcom and other funders for science competitions and other program work, with all of the receivables to be provided within the next five years.

#### **Current Year Operating Revenue and Expense**

Revenue	2021	2020
Science News magazine	\$ 8,803,384	\$ 8,391,534
Science education and outreach programs	20,799,082	14,398,211
In-kind and other contributions	2,388,690	1,508,643
Total operating revenue	\$ 31,991,156	\$ 24,298,388
Expense		
Program services	\$ 25,310,415	\$ 21,462,807

General and management	1,960,816	1,706,787
Fundraising	2,318,865	2,007,560
Total operating expense	\$ 29,590,096	\$ 25,177,154

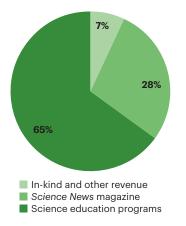
#### Non Operating Activities and Pledges

Non Operating Activity	2021	2020
Investment income	\$ 3,361,275	\$ 2,378,815
Change in post retirement benefit liability	107,484	(309,000)
Paycheck Protection Program (PPP) loan forgiveness	1,839,898	_

#### **Pledges and Contributions**

Designated for Future Years		
Pledges and contributions	\$ 9,462,428	\$ 18,065,200
Prior years' pledges used in current year	(15,572,903)	(14,227,928)
Non Operating Activity	\$ (801,818)	\$ 5,907,087
Change in Net Assets	\$ 1,599,242	\$ 5,028,321
Net assets at the beginning of the year	88,025,444	82,997,123
Net assets at the end of the year	89,624,686	88,025,444

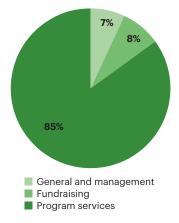
#### FY 2021 Operating Revenue



#### **Balance Sheet**

Assets	2021	2020
Cash, short term receivables and prepaids	\$ 21,888,890	\$ 11,004,531
Investments	32,713,762	30,557,978
Grants receivable	47,469,179	60,818,023
Property and equipment	41,114	45,977
Total Assets	\$ 102,112,945	\$ 102,426,509
iabilities		
Accounts payable	\$ 1,666,164	\$ 1,739,953
Awards payable	4,727,676	4,807,952
Deferred subscription revenue	3,526,419	3,441,160
Note payable	_	1,826,000
Post retirement benefit liability	2,568,000	2,586,000
Total Liabilities	\$ 12,488,259	\$ 14,401,065
Net Assets		
Without donor restrictions	\$ 27,719,932	\$ 20,311,751
With donor restrictions	61,904,754	67,713,693
Total Net Assets	\$ 89,624,686	\$ 88,025,444





## Institutional DONORS

## 2021 NUMBERS

### **TOTAL CONTRIBUTIONS** \$6,597,702

► 53%

#### **Fund for Nonprofit News**

Democracy Fund Facebook Journalism Project Google News Initiative Inasmuch Foundation Independence Public Media Foundation Jonathan Logan Family Foundation **Rita Allen Foundation** The Bernard and Anne Spitzer Charitable Trust The Dirk and Natasha Ziff Family Foundation The John S. and James L. Knight Foundation The Miami Foundation Walton Family Foundation William and Flora Hewlett Foundation Wyncote Foundation

#### **Financial Service Partners**

AmazonSmile American Endowment Foundation Ameriprise Certificate Company Ameriprise Financial Arizona Community Foundation Bank of America Bank of America Charitable Foundation Bank of America Charitable Gift Fund Bank of America, N.A. BNY Mellon Charitable Gift Fund **BNY Mellon Pershing** Charles Schwab & Co. Inc. Deseret Trust Company Edward Jones and Company Fidelity Brokerage Services LLC Fidelity Charitable Gesa Credit Union Goldman Sachs Gives Jewish Community Federation Jewish Federation of Metropolitan Chicago Jewish Federation of St. Louis Local Independent Charities I PL Financial Merrill Lynch-A Bank of America Company **Miramar Services** Morgan Stanley Gift Fund National Financial Services LLC National Philanthropic Trust Network for Good Northern Trust Present Progressive Fund at Schwab Charitable Raymond James Charitable

**RBC Wealth Management** Renaissance Charitable Foundation Schwab Charitable T. Rowe Price T. Rowe Price Foundation TD Ameritrade Clearing The Blackbaud Giving Fund The Connable Office, Inc. The Jewish Federation of Tulsa Foundation The New York Community Trust TIAA TIAA Charitable Vanguard Vanquard Charitable Wells Fargo Advisors

#### Workplace Giving/Matching Funds

ConocoPhillips Exelon - CyberGrants Merrill Lynch, Pierce, Fenner & Smith Inc. Morgan Stanley PayPal Giving Fund The Benevity Community Impact Fund YourCause LLC

#### ISEF 2021 Special Award

Organizations Acoustical Society of America Aerojet Rocketdyne Foundation Air Force Research Laboratory on behalf of the United States Air Force

GORDON AND BETTY

FOUNDATION

#### American Chemical Society American Committee for the Weizmann Institute of Science American Institute of Aeronautics &

Astronautics American Mathematical Society American Meteorological Society American Psychological Association American Statistical Association Arizona State University Association for Computing Machinery Association for the Advancement of Artificial Intelligence

ASU Rob and Melani Walton Sustainability Solutions Service Central Intelligence Agency (CIA)

China Association for Science and Technology (CAST) Drug, Chemical & Associated Technologies

Association (DCAT) **Edison International** Florida Institute of Technology Fondazione Bruno Kessler Gideon Yu Awards for Innovation in Sustainability **IEEE** Foundation Innopolis University International Council on Systems

Engineering (INCOSE) K. Soumyanath Memorial Award

#### WHY I GIVE **Creating Positive Outcomes** for Future Generations

At the Gordon and Betty Moore Foundation, we believe in the inherent value of science and treasure the childlike sense of wonder that comes from finding out how the world works. We also recognize how basic scientific discovery and exploration lead to benefits for society. Through our partnership with Society for Science, we further our mission to create positive outcomes for future generations. In 2021, we partnered with the Society to recognize Regeneron ISEF finalist John Estrada with the Gordon E. Moore Award for Positive Outcomes for Future Generations. We also broke down barriers by improving the reach and inclusivity of the Society's global affiliated fair network via the Gordon and Betty Moore Foundation Equitable Access Fund. And, as a Centennial partner, the foundation helped commemorate 100 years of enhancing society's understanding of the joy of science with Science News.

Gordon and Betty Moore established the foundation to create positive outcomes for future generations. In pursuit of that vision, they foster path-breaking scientific discovery, environmental conservation, patient care improvements and preservation of the special character of the San Francisco Bay Area.

#### **Title Sponsor**

**Broadcom Foundation** Regeneron

#### Inventor

\$250,000-\$999,999 Akamai Foundation Akamai Technologies, Inc. Arconic Foundation **Defense STEM Education Consortium** Department of Defense Gordon and Betty Moore Foundation Heising-Simons Foundation Intel Foundation Johnson & Johnson King Abdulaziz & his Companions Foundation for Giftedness & Creativity Microsoft Azure Sphere National Geographic Society **Richard F. Caris Foundation** Siegel Family Endowment The Burton Family Foundation The Kavli Foundation The Lemelson Foundation Wolfram Research, Inc.

#### Developer \$100.000-\$249.999

Alfred P. Sloan Foundation Jack Kent Cooke Foundation lacobs John Templeton Foundation Microsoft Corporation **TBL** Foundation The Ahmanson Foundation The Eric and Wendy Schmidt Fund for Strategic Innovation West Pharmaceutical Services

#### Explorer \$50.000-\$99.999

Amgen Foundation Cesco Linguistic Services Craig and Barbara Barrett Foundation **Gleason Foundation** Insaco Incorporated Robert Wood Johnson Foundation

#### \$20.000-\$49.999

Samueli Foundation The River Foundation 7eiss

Collaborator \$10.000-\$19.999 Grace Jones Richardson Trust Institute for Nonprofit News

#### Ambassador \$5,000-\$9,999

Corning Incorporated Foundation Randall Survivors Trust The Ralph M. Parsons Foundation Wright Family Foundation

#### Associate Up to \$4,999

Benz Family Fund CKW Family Charitable Fund Convent of the Sacred Heart School Duvall Family Giving Fund Google Hampton-Fielding Charitable Fund Leslie Fund, Inc. Lester Poretsky Family Foundation Milton Academy Panish Donor Advised Fund Phillips 66 Robert Todd and Catherine Snowden Charitable Fund Sally Lord Charitable Fund Stensland Family Giving Fund Stifler Family Foundation The Aristo Project The Avalon Consulting Group The Clive Cussler Foundation The Haskell-Seidel Charitable Trust The Jack J. Adler and Judith S. Adler Donor Advised Fund The Stephen and Margaret Gill Family Foundation Weingarten Arnsparger Charitable Fund Whiteford Taylor & Preston LLP

#### Maker

Central Intelligence Agency (CIA) National Academy of Sciences Robert L Schattner Foundation

Princeton Area Community Foundation, Inc.

#### 14 | 2021 ANNUAL REPORT | Society for Science

King Abdulaziz & his Companions Foundation for Giftedness & Creativity Mu Alpha Theta, National High School and Two-Year College Mathematics Honor Society National Anti-Vivisection Society National Oceanic and Atmospheric Administration (NOAA) National Taiwan Science Education Center NC State College of Engineering Office of Naval Research on behalf of the United States Navy and Marine Corps Oracle Academy Patent and Trademark Office Society Raytheon Technologies Corporation Ricoh USA, Inc Serving Society Through Science Shanghai Youth Science Education Society Sigma Xi, The Scientific Research Honor Society SPIE, the international society for optics and photonics The Potamkin Prize United States Environmental Protection Agency U.S. Agency for International Development University of Arizona Wolfram Research, Inc. YM American Academy Zeiss

## Individual DONORS

Thank you to all of our sponsors, members, donors, subscribers, volunteers and other contributors. We are grateful for your commitment. Together, we put the power and wonder of science into everyone's hands.



**TOTAL CONTRIBUTIONS** \$3,600,667 **▲** 13%

Vickers Burdett and
Paul L. Modrich
William Calvin
Mark Caprio
Douglas L. Carroll
William and Ian Cash
G. Vincent Castellano
Karen G. Castle and
John J. Mahoney
Peter Castro
Vikrampal and Vidya Chadha
Martin Chalfie and Tulle Hazelrigg
Desikan T. Chari
Richard and Linda Claytor
William Clendenen
Margaret and David Conover
Robert C. Cowen
Bidyut and Tanima Das
William E. Davis
Marijn Degens
Michael DeLaney
Bronwen Denton-Davis
Rocky J. Deutsch
Mariette DiChristina
Yu-Ting Dingle
Carl Duisberg
James and Anita Dulak

James S. Dyer Marlin J. Eller and Mary McConney Dale and Jane Embry Jeffrey L. Eppinger and Francesmary Modugno Keenan Evans Ellen Fagerstrom Paul and Maureen Fairbrother Thomas Fenwick Anthony Flock Bert and Candace Forbes Dean Fortune Carolyn Foss Gordon J. Freeman and Arlene H. Sharpe Susan Frey and William Studt Lawrence C. Fritz and Stephanie R. Kogan Shavne C. Gad G. Patrick Galvin Ron and Nancy Garret Gary and Bonnie Gershzohn S. P. Gill Michele C. Glidden Susan Gordon Nellie Graham

#### Catalyst Circle

\$100.000 and above Christine and Daryl Burton Cathy Caris Thomas and Frances Knight Tom and Bonnie Leighton Charles K. McCabe Eli and Jackie Scripps Anonymous

Catalyst Circle \$50,000-\$99,999 Craig and Barbara Barrett

Alexander Lane Susie and Gideon Yu Anonymous (2)

#### Catalyst Circle \$25.000-\$49.999

Adam Bly and Avah Bdeir Walter and Celia Gilbert David and Laurie Hodgson Henry and Susan Samueli Yufen Shi and Feng Zhang Robert H. Sievers Thomas and Eileen Washburn

#### Catalyst Circle \$10,000-\$24,999

Chervl Agris and Richard I. Pine Maya Aimera and David Hollander Hayley Bay Barna Christopher and Katie Bouton Stephen G. Charles and Janice Hazlehurst

Terry and Anne Clark Mary Sue Coleman Peter Dunne Allen and Shirley Ginzburg Judy and Ted Hoff Lerov and Valerie Hood Peggy Lentz Diana L. Luxenberg Paul Maddon Nancy J. Peltzer Adele Richardson Ray Thomas Rosenbaum and Katherine Faber David Starr Virginia Steel Edward Thorp Afton K. Vecherv James and Ellen Yorke Anonymous (4)

#### **Science Leaders**

\$5,000-\$9,999 **Bill Baird** Caroline Barrett William J. Bencze Lance R. Collins Erick O. Erickson and Bernadette Malinoski Shantanu and Neha Gaur Margaret M. Hart Kevin and Lisa Heller Ralph E. Koldinger George Landau and Elisa Abeloff Carvla J. Larsen Craig and Benetta Miller

Wayne Pfeiffer Susan L. Randall Alexander Reese **Rudy Ruggles** Anna-Katrina Shedletsky Beth and Russ Siegelman Mary Stroh-Twichell and Charles Twichell Nina Vasan Gayle and Pete Wilson Ruth and Kenneth Wright Rudolf H. Ziesenhenne Anonymous (2)

#### Science Leaders \$2,500-\$4,999

Margaret Buckman Rob C. Chang Sara M. Driver and Jim Jarmusch Norman A. Dudziak Jr. James M. Ferguson James E. Garlick David P. Halstead Ben Hammett Catherine A. Havasi June R. Heintz Carl Hoffman Diane L. Huffman James T. Kirk Jeanette P. Larson Victoria and James Leslie Michael Li Marshal W. Linder Nicole Litchfield

David Massengill Colin and Leslie Masson Song Miao and Charlie Jiang Ruth Miller W. E. and Sharon Moerner Susan Mulroney and Adam Myers **Dianne Newman and Jonas Peters** Patricia A. Paul Allison Porter Robert and Anne Shaw William Smith Jim and Cathy Stone Daniel L. Wulff Anonymous (3)

#### **Science Leaders** \$1,000-\$2,499

Nick Adelmever William and Barbara Ailor Ramesh Ajmera Paul A. Albert William C. Allen James E. Atkinson Brian Bartholmai Michael Beckage Reinier and Nancy Beeuwkes Carl S. and Ruth Benson Sumeet Bhinder James O. Biggs C. John Blankley Stefan M. Block and Liese Mayer Karen S. Brown Tia Brown

Paul M. Livingston



## WHY I GIVE

#### **BILL & LORNA GLAUNSINGER** ISEF Judge Advisory Committee Members

- Anne V. Gravely Daniel Greenwald III Robert and Elke Hagge Sara Hagigh Diane Hallman Steve and Myrna Harris Jon and Belva Hauxwell Tessa M. Hill Peter and Donna Hollinger George Hrycelak Robert Hurtubise Mari N. Jensen David A. Johnson Mary and Gerald Kamprath Francis and Margaret Keeler George and Martha Kellner Justin Kleingartner Terrence Kramer and Lisbeth Loughran Lawrence and Elizabeth Kuo Merle Kurzrock and George Zimmerman Steven Latshaw William Leininger Von O. Leirer Jorge and Ann Leis Alan and Agnes Leshner
- Mark and Lori Leugers Geoffrey and Yuen Lind Keith Loritz Tyler X. Mahy Michael and Mardi Maitland Bruce Makous Karen Mappin David L. March Ward Mardfin George P. Markin Daniel R. Marshak Frank and Karen Mathew James McCloskev Brent and Deborah McCown Ralph J. McLain Michael R. Meadows Murray Meisels Scott and Ange Mirer Ardean C. Moore Dick Moore Annie Murray and Gustavo De Los Reyes Melissa M. Muth Gretchen Niver Lowell E. Northrop III Julia Nussbacher Sara H. Ohly

### **Energizing the Next Generation**

In the two decades since our retirement, we have been involved with ISEF and more recently with Science News in High Schools. We have really enjoyed encouraging the next generation of scientists and engineers to pursue their dreams. It has been an honor for us to work in collaboration with the dedicated and talented executive team and staff at Society for Science to help achieve this goal.

Bill and Lorna Glaunsinger have been ISEF Judging Chairs and Category Co-chairs as well as Science Coaches for Science News in High Schools. They have also supported Society for Science as donors and fundraisers. Lorna is a retired secondary school science teacher who played a leadership role in promoting hands-on science curricula. Bill is an Emeritus Professor in the School of Molecular Sciences at Arizona State University and is the Dean of Sciences and Professions in the ASU Emeritus College. Eric Olson Rav Olszewski Willard and Sherrie Pastron Richard C. Paull John Pehrson John Purdon Patrick Quilter Herson I. Quiñones David and Judith Regehr Robert Reynolds and Lisle Nabell George and Kay Richmond **Gregory Richterich** Vincent Rothemich A. John Rush Milton H. Russell Patricia R. Russell Lisa Russell-Mina and Sami Mina Barry and Linda Sachs Reid and Joyce Samuelson Karen Schaffer and Michael Ward Janine and Joel Shaw Rajen A. Sheth Robert and Julie Sigler Gustavus J. Simmons Diana Simoni Richard A. Simpson and Ann M. Reisenauer Donald Smith and Galia Rabinkin Marian and Abraham Sofaer Robert Solheim Priscilla Spears Mike Speciner Alfred and Rhonda Spector David N. Spergel Robert Sproull Kurt and Susan Sroka Karl O. Steinke Kent Stuiber Jason P. Talley Frederick Teichert James and Eileen Thomas Trudie E. Thompson Jane Turner Sheel Tyle Pete and Gina Van Opens Jacquelin Vernot **Richard Wakefield** Robert B. Walker Michael Weber-Grabau Paul J. Weissman Linden Welch Ken Witherly **Bennet** Yee Jeff Yee Wei-ling 7hu David Zielke Jeffrey and Johanna Zinn Anonymous (11)

#### **Science Enthusiasts** \$500-\$999

Allan Abrahamse Terrence Adamski and Sheryl Ann Jackson Marie A. Aloia Rachel and Elijah Alper Lorinda K. Anderson Stephen Angeloff Erika and Colin Angle Marcelle Arak Kenneth B. Armitage Tanva Atwater

Patricia Baird and Joseph Herron Rene S. Bane Andrew and Linda Banta lack Barchas and **Rosemary Stevens** Richard and Linda Barnes M. Chris Barnhart Robert L. Baron Byron L. Barrington Charles G. Beaudette John R. Beeler Harold G. Behl Peter Bell Richard A. Bernstein Archie W. Berry Jr. Regis A. Birckbichler Leverett S. Bishop Valerie Block Joanna K. Boales The Bollings Family Norman and Julianne Boyd Peter Britton Neal Brock Jeanette and Glenn Brown Monica E. Brown Leslie Brunk Charles R. Burnett Joseph and Mary Ann Candio Dennis Carev Jason and Kathryn Chamberlain Park Chamberlain Craig and Sylvia Chambers Roseanne Chambers Gary A. Chapman Mark Chatinsky Renee Chauvin **Binave** Chen Robert W. Cherna Doris Choi Norman K. Christie **Richard Churchill** Martha Clatterbaugh and Michael Moody Gilbert and Swainia Cochran Charlotte Cogswell Beverly S. Cohen Brad Cohen Susan Collins Carol Combs Alexander Conrad James and Jane Cooper James and Veronica Coulter Carl Cousineau Mark and Leonarda Crosby John F. Curtis Ir. Larry J. Dalton Murray Danforth Robert Davidson John M. Dear Jr. Erik and Beverly DeBenedictis Gail Delp Florence and Peter DeRose Dana and Elaine Ditmore Allison Dolan Virginia Downes George F. Drake Robert Droppleman Don Eade Alison Edwards Eric F. Eikenberry Gene Eldridae J. T. Eller

Brooks B. Ellwood Robert H. Fairclough William F. Faulkner John Fav Ann Fekety Robert W. Fiefarek William Fintel Maribeth Fletcher Ziah Fogel Sandra Fonville Gary and Liz Foss Barbara Friedman Roy Fritch Delmer H. Fuchs **Timothy Gablehouse** Deborah and Patrick Galaska Heidi Gerster Kikawada Emily W. Gianfortoni Georae H. Gibson David Giedroc William and Lorna Glaunsinger David Golub Michelle and David Gotthold Herbert Gowen Kathryn Grabau-Davis Gary Graf Elizabeth and Thomas Gratzek David Griesinger Gary and Lucinda Griner Charles and Ginger Guthrie Robert M. Hadley John M. Hahn-Francini Dennis C. Haley Tanva Hall Michael and Jo Ann Hamm Stella Hammond Victor C. Harding Lawrence Hardy Helen Harkins Tim Hart Eric Heller Leon Heller Jeff F. Herring Dudley and Georgene Herschbach Steve I. Herskovitz and Pam Jones Michael R. Herzog Vincent Hietala Nancy and Lynn Higbee James A. Hilton John Hoffmann Edson and Mary Holland David Holman Donald R. Holtaway Sherrie Lazar Hood Enamul Hoque Wanda and Jason Horwege Jeff Hosler Paul A. Hossler F. W. Houston Sharon Howell Margaret L. Hudson Judith M. Hunderfund Robert Irion Pamela J. Irvine Dallas and Karen Ives Sonia Jaffee William P. Jambor Marry James Robert H. Janes Thomas and Sandra Jemison

Diana E. Johnson Judy Johnson Barry and Jane Jones Maria and Joe Kaempf Kris and Shelly Kafka Steve Kahn Julia Kalmus Jeanette Kennedy Margaret Kennedy Carole Kitti Robert J. Kolenkow Scott Duke Kominers Dean Kopesky Julie and Marc Kummel Mae-Dell Lacy Michael Lambert Marke Lane Murray Larsen Richard Larson J. E. and Pat L. Lathrop Jose R. Latimer Frank Lawlor Adam Lawthers David Leckev Elizabeth P. Lee Hugh and Linda Leighty Frank G. Lemoine Lap Yip Leung Andrew J. Levada Martin Levy Nike Lewis Marina Liberman Michael Ligman Thomas and Linda Ligon Sharon A. Lilly Peter Limbura Peter Lit James Lockhart Martha Lockhart George and Roseann Lorefice Thomas Lotti John P. Loveridge Kate E. Lowry Fred Luckau Matt and Sharon Madison Ronald and Amanda Mallory Linda and Jerry Mar Stephanie Pace Marshall Kreg A. Martin Antonio Martinez and Sharon Fingold Thomas G. McBride Charles O. McCormick III Kenneth McDaniel l ee Mei Sally G. Merrill Clifford L. Merz David Messent Brenda Messer Howard and Lisa Miller Wendell Miller **Richard B. Morris** Duane and Margaret Morse Donald Morton Stewart Moses Christopher Motley David Murphy James Murray David L. Myers Divya Nag Lewis Naylor Margaret B. Neal

Lee Neuman Robert C. Newton Ray J. Nichols Jr. Frank A. Nicolai John Nightingale and Linda Drey-Nightingale Keith and Bonnie Novek Diane and Ron Ostolic Karin A. Ostrand Christine A. Padesky Jerald Parker Kevin W. Parker Michael G. Parker William Parker Douglas T. Plante Gerald Pocock Pamela Pollitt Robert and JoAnna Potthoff Barbara A. Powell James J. Prete Daniel and Elaine Putman Steven Raith Lyle H. Ramshaw Susan Rao Catherine Rekers Barbara Renshaw James M. Repaci

Joseph J. Reuter Pete and Tanva Richardson Micah Riza Donna M. Rodel and B. J. Waibel George W. Rodormer Gregory Roelofs M. Elizabeth Rogers Leonard Rosi Joan Rudel Homer Russell Peggy Sankey Fred Sauter Loretta Schaeffer Doug Schleifer Evan Schneider Leanne Scott Clare Sherwood Lee Shombert Mark C. Shults Thomas Slone M. W. Smith Craig L. Sommers Vipulroy Soneji Randall L. Spitze Keith E. Stanley Stephen Stanley William F. Stefanech



## WHY I GIVE

EDNA SANTIZO ISEF Spanish Language Interpreter

Edna Santizo is a Court Certified Interpreter with the California Judicial Council, a Conference and Community Interpreter, and a translator. She has been a member of the American Translators Association and its Spanish Language Division since 2010 and has volunteered at ISEF since 2014.

- Mary Ann Stepp Frederick and Maria Sterk Mary Ann and Frederick Steward Everett Stokes and Stephanie Michels Linda Sullivan Joan G. Suzio Carol Swarts Jane Tang Donald W. Tarman Philip Tate Paul A. Taylor Leslie C. Taylor Satish and Vandana Thatte Charles Thomas John C. Thomas **Richard Thomas** Jeremy Thorner and Carol Mimura Bruce Thuman Curtis B. Timmerman Igor Tsukerman Charles R. Twardy Neil R. Ullman **Charles Underhill** Colin A. Underwood William Unertl Paul Ustruck
- Audrey Van Robert J. Vosatka Tynan and Jutta Wait Sheldon Walker Jay J. Walsh Douglas and Sue Wartzok Larry Wehr Mark Westen John E. Wetzel Becky A. Wheeler Norton Williams Robert J. Williams Rita P. Winston Grant Winther Robert F. Winton Iris Witkowsky Luis F. Woodhouse and Patricia Velasco Delight Woodhull Jim and Linda Wooldridge Yvonne Yamanaka and James Zou Chia-Yun Yang Ruth and Charles Yeiser James W. Zerwick Karen Zito Anonymous (14)

### **Giving Voice to Young Innovators**

I volunteer at ISEF to help international students from Spanish-speaking countries explain their projects in front of the judges. Most of the international students are visiting the United States for the first time. For some, it's their first international trip. The enthusiasm, joy and desire to share their projects is contagious, and perhaps the most fulfilling aspect of volunteering is serving as a bridge of communication.

#### Science Enthusiasts \$250-\$499

Eugene Abravanel Lucy Adams Milton and Marilyn Adams Robert Adams Nancy C. Aiello Gilbert and Rosemary Albelo Nancy Alexander Ignacio Aliagas Albert J. Allen John W. Allen Thomas H. Allen Susan W. Almy Henry O. Altorfer Anne S. Anderson Robert Anderson Robert Anderson Thomas F. Anderson James J. Angel Cynthia P. Anthony Susan Appel Johnny Armstrong Robert F. Ashman Robert Ashton George Aspery Kendall Atkinson Ray and Jean Auel Paul Avila Sylvia Ayinde Stephen J. Backe Jerry Badger Gerard and Susan Baillely John C. Baker John and Maria Sharon Baldwin Howard Balentine Adam Balin and Karin Mahony S. Carol Bam Jeff Bandy Ksenia Banes Georgia L. Banister Jerry L. Barker Whitney Barnard John Barnowski Greg A. Barr John Barrett Mary Barrett lames T. Barter Richard Bartleson Jr. Thomas and Johanna Baruch Daniel Baseman George Bateman Marion Baum Jeffery Beaudry Stanley Becker Paul Belserene John Benjamin Ellis K. Bennett Michael Berks Mark Bettencourt Joseph and Kathy Beyers Reid E. Bicknell **Bruce Bienenstock** Rob Bier Lawrence Binner Lesley Birch Bruce Blum Stephen J. Blumenkranz Becky and Al Bogart David and Gail Bohan Art Boland Linda Bolewicz

Robert and Nancy Bond The Stan Bones Family David J. Borchert Marcia S. Bossier Douglas and Ann Bostrom Bill and Alice Botti Paul Bouis Denis R. Bourdeau Amy Bouska Louise C. Boutwell Cindy Bowers Sandra Bowman Beth Bown Richard A. Bradlev Norman E. Brand and Nancy E. Spero David A. Brashear Charles W. Brazell Pieter Breitner John Bretney Llovd R. Brewer Orlie T. Brewer Jr. Mary P. Brieser Mark W. Briggs Elizabeth Brindise Beverly H. Brock Martin J. Broeske Stan Brown John L. Browne David Brownstone Philip Bryan Peggy K. Bryant Frederic L. Buchholz Michelle and Ron Burch Richard and Deborah Burger John Burgeson Jenifer and John Burghardt Alex R. Burkart James Burnis Bill Burns Richard and Babette Burns **Robert Buschow** B. H. Bush Anna Butler Gregg Butterfield Thomas and Patricia Cahill W. Paul Callahan Jeffrev C. Callister James Stewart Campbell Alan H. Carlson Katherine Carmichael Carol Carpenter Quentin Carpenter William J. Carpenter Eddie Carrillo Jean G. Carroll Tiia Carswell Carl A. Carter Milton Carus Jeffry D. Castle M. A. Caywood Jeffrey Cerini Victor Cerrone Kathleen C. Chambers Dean P. Chang Jean Chang Betty Cheater John Cheek Christopher P. Chengelis Dale and Nancy Chidester Edwin O. Childs IV T. N. Chin

William Ching Andrew K. Chona Alan L. Citron Jerry Clark Walter Clark Douglas Clason Thomas and Deborah Clavtor Keith S. Cleveland Theresa Clifford Peter M. Cline Phillip Cluxton Lynne Cobb Shelley Coldiron Ric L. Collier Belinda L. Collins Paul Collins Cathy Colloff Julia Commons David R. Compton Janice C. Conavav C. Conductor Larry Conrad Tom and Stephanie Conroy John A. Conway Daniel B. Cooley Edgar E. Coons Debra G. Corbett Kathy E. Corella Kenneth P. Corhan Carl W. Cork Benjamin A. Cornell Gary Cortright John V. Cosley John Cox Matthew Craig Kurt P. Cramer Anatole Crane Janice L. Crocker April Crosby William L. R. Cruce William Culver John A. Cushing Carina L. Daltonsorrell John Damalas Nancy Darrell Andrew D. Daubenspeck Elizabeth Daugherty Margery Daughtrey John A. Davidson George Davis Warren F. Davis Jo Ann Dawson Martin C. de Wet Janice and Jack DeBaun Stephen M. Decker Martin DeGeorge David J. Dehart John Delodder Dennis Deloria Margaret Depopolo Erika Desjardins Alexander and Lorraine Dessler Jan Deswik Keith and Alicia DeVos Mary B Dias David S. Dickey Suzanne Diehl Philip Diaas Andre Dinbergs Michael L. Dobosenski Kathleen H. Doering Eric Doerr

Gary Domm Alvin L. Donoho Robert Dow Anna Dovle Harold M. Draper Roger S. Dring Leonard and Patricia Duda John Dudley Rex A. Dwver Michael T. Dyer Ray Dzelzkalns Tabitha F. Eagle Rose J. Eapen Douglas Easton Ruth L. Eckert Fran Edwards Jimmie G. Edwards M. and Audrey Egger John Eichinger Robert Ekstrom Adriana B. Elefante E. F. Elledge Elizabeth B. Elliott David Ellis Dennis Embry Jeanette Eng Emilio Englade Gordon J. Enns John F. Estes III Mark E. Evans Clyde and Charlotte Ewalt Nancy Falk David T. Fandel Donna O. Farley Roger Farquhar lovce Feinberg Joseph Felker Harriet L Fell Xiaojuan Feng Allan Fenske Jane and Douglas Ferguson Joseph Ferguson Daniel P. Ferrick Christopher T. Field Herman L. Fields Jr. Jeremy H. Fields Frederick Fisher Ann and C. Louis Fiske Joseph J. Fong George B. Foote Michael Form Carol Forshee Allan Forsyth L. J. Foster David Fotland David Fox Nancy N. Franck Bruce and Linda Frank David Franklin C. E. Frasch Cynthia French Wayne W. Frenier R. Friedberg Robert Fruit 7imin Fu Nicolas Furjanick John Gage William Galcher Roger Gans Bernie Gardner Lou Garner Paul Gassler

Peter and Marjorie Gaudio Robert and Alexandra Gehring Lawrence M. and Ricky Gettleman James Gibbs Jeffery Gibbs David R. Glasgow Fred Glienna **Richard P. Glinka** Kent Glossop Vanig Godoshian Kurt Goebel Robert M. Goeken Elizabeth Goff John D. Gofman J. S. Goldberg D. E. Good Hallie Goodall Eva Goode Karen J. Goodman M. E. Goodyear Bruce and Shirley Gordon Joel F. Gordon Robert L. Gordon Don J. Gotschall Karen K. Gottmann Milton Graff Kenneth and Connie Graham Daniel Graifer William Grant Michael A. Grayson Heather Green Michael Green Ricki Green John W. Greenslade **Richard Gresham** James P. Grover Sandra Hagstrom Edward Hailev Thomas Haines and Mary Cleveland L. Hall Lauren Hall Jeanne Hamers John T. Hammetter and Karen C. Hauser Barbara Hampton Joseph and Joan Hancock Steve and Debbie Hankison Karla F. Hansen Jeanne K. Hansor Patricia A. Harcarik Erin Harding Tom Hardy M. Hare Beverly B. Hargraves Susan M. Harrigan Robert A. Harris Rebecca Harvey Diane E. Hecht Philip H. Heckel Jerome Heckmann William and Linda Heizer Susan Helsel **Denise Hemmings** Bobbie E. Hemphill Margaret Henk Arthur J. Henkel Bruce and Sharon Herrick Edward Hershberg and Jill Poris Dennis M. Higgins Douglas W. Hill J. Donald Hill

Jessie Hill Ravmond Hill Stephen Hill David and Margaret Hillier William Himwich John M. Hirschi Charles D. Hoffman Urs Hofmann Russell and Deborah Hogan Bart Holland Shirley T. Hollander Lewjean Holmes Rush Holt and Margaret Lancefield Margaret Holzer Stanley and Jane Hooper Elvse Hope Merrill J. Hopkins Leo G. Horan Scott L. Horton Harmon and Jeanne Hosch Zhaorong Hou Candice Hough Charlotte J. Howell John Hubacher Mark Hubelbank Lee M. Huber Rvan Huber David Humphrey John Hunter Beth Hutchins and Pete Skeggs John Iwachiw **Timothy Jackins** Jane W. Jackson Charles H. Jaeger Irma T. Jarvenpaa J. Rodney Jee David R. Jefferson Pam Jenkins Chris C. Jensen Rose M. Jobert Jeffrey Johnson Joseph T. Johnson Lynne N. Johnson Chris Jones Reginald L. Jones Rodney Jones Robert Kachman Greg P. Kalinoski Nolan M. Kamitaki Joan M. Kammerer Martin and Marci Karplus Steven Kast Karl B. Kauffman Kevin Kauffman Robert E. Kayyem Steven Kazan Erin Keables Hans P. Keithley Sean M. Kellev Martin P. Kellogg William Kelly-Mahaffey Thomas and Ann Kelsall Patrick Kenealy Thomas H. Kent Cynthia Kenyon Leroy R. Keranen Michael Kerrene Dale Keyes Robert L. King Warren King Johnny Kirkland

Thomas Klebold Kathryn Klein Mary and Alvin Klein Mark A. Kleinman Jeanne Kline Michael Klobucar Ronald Knecht Phyllis F. Knudsen Penny S. Kochtitzky Jeff and Gail Kodosky Jean and Harold Kolb Carol Koller Stanley G. Korenman and Ann M. Pollack Janet R. Kornegay Robert J. Kosinski Ann L. Koski Atin Kothari Kenneth Koutz Frank R. Kramer Kirsten F. Krauss John Krchma John Krienke Arlin J. Krueger Biagio D. Kucich Robert B. Kudera Roger Kugel Arvind Kumar Daniel Kurtanich William and Kathryn Kwinn James LaBelle Christina Lacey Eleanor Lacombe Theodore Ladewski Noel Lafontaine Nancy Lambert Olga and Bjorn Lange Larry A. Langenberg Mark Lanoux Gordon and Theresa Large Dinah Larsen Jason Larsen John D. Larue Sr. Eric and Jeanette Lauritsen R. L. Lawrence Jr. Steven Lawrence Daniel Leader Charles Lean Judith R. Leder Harold Lee Meredith Lee Carol G. Leggett Frederick C. Lehmann Marvin Lehr Mary M. Leno Barbara Levin Lee S. Levin Peter L. Levine Andrea Levitt and Antoine Hatoun Alan Levy Howard S. Levy Mei Li and Jun Yang Robert Lieb Dawei Lin Charles Linden Gloria Linder Charles Lindgren Thomas A. Linkhart Kristopher Lipari David I. Lipnick James G. Little and Linda Persson James Livengood

Frank Lochner Vincent P. Loeffler III Eric Lofgren Thomas Logan David Long James and Janet Loos Robert Losada Diane Lovell Bill Lowe Brent Lowensohn D. Lowerv Robert Lowery Michael and Mary Lubin Frank and Ann Luther Teresa Lutterman Thomas Lydon Valera W. Lyles Michael R. Lyman Mary E. Lynch William Lyon Lloyd MacAskill Michael L. MacDonald Talbot Mack Douglas E. MacLaughlin Julie I. Magilen Debra L. Magnuson Daniel B. Magraw Vincent D. Mahoney Vera V. Mainz Mark Majesky Nadia E. Makar Dan Maller Sally Malone Rao Manne Thomas and Margaret Manteuffel Laurentius Marais Harry Markert Thomas J. Marlowe Brent L. Marsh Dorothy Marsh Jack Marshall Matt Marty Merrill J. Matchett Michael S. Matthews Robert M. Maurer L. I. McClelland Gerald McCormick Milton McCown David McCulloch Susie McCune Carla M. McFarland Denise McGough Graham McIntosh Janice McIntosh John McKee Mark McKinnon Kirk McKusick and Eric Allman Gerrit Meddeler Jon Cloudfield Merkle Carmela C. Merlo Elizabeth and Nelson Merrick William Merrow Calvin Messing Michael and Christina Meyer Rita S. Meyers Madeline Migura Barbara Miller Ed Miller Gregory Miller Nancy Miller Richard C. Miller Susan and Patrick Miller

Terence Milligan Ruth J. Milts C. Jill Minar Frank W. Minor Sr James and Jennifer Misko **Carroll Missimer** Keith Mitchell Robert Mong Edith A. Mooers James D. Moore Charles Moore Susan Moore-McJunkin John and Gretchen Morris **Richard Morris** D. Moseley Robert K. Moses Dan Moulding Gregory Mowry Alan G. Murray Leigh Murray Robert L. Murphy Larry Mutti Lex Nakashima Carl E. Nash James Nelson Alan Newhouse Victor Nguyen Darca L. Nicholson Paul Nicholson James Nickles John H. Nickles Cecilia Niemann Stephen Nilsen **Richard and Betty Nimtz** Mike Normandin C. G. Nortman Victor T. Norton Jr. Russell and Martha Noves Edward J. Nycz Steve and Cathy O'Connor David C. O'Donnell David Oeming Thomas Ognibene Chan Oh Kerry O'Kelly Mark Oldenburg Kent and Sharon Olmstead George G. Olson Jane Orbuch and Bryan Cockel Nicholas Orlando Paul Ostergaard Jack Overman William R. Owens Stephen W. Page John Palka Allison R. Palmer Lvdia C. Pan Charles Parker Thomas E. Parker Deborah Pate Edward Patenaude Adrienne and Russell Patton John Pearl Cynthia Pearson lames B. Pearson Robert Penny Gregory Pepin Philip S. Perlman James and Elaine Peters Susan Peterson Evan Picoult James A. Pielli

Ralph Pifer Gwen Planet William Plummer Gerry Pocock Gilbert Podolsky George J. Polatty Jr. Maria A. Porta Michael V. Poteet Robert Powell Alexander M. Power Harvey Price William Puppa Lon B. Radin Renee Ralls Sundar Ranganathan Alydaar Rangwala Dewey S. Ravenscroft Linda Rawlins Alan Rav Betty Reardon Robert Rebar James A. Reed Christopher and Ann Reedy Douglas Rees Michael D. Reighley Tony J. Rein Howard M. Reisman Catherine Rekers David Renzema Joseph Reynolds Mariel Revnolds Brian Rhame Robert Rhein E. Rhoads Duncan Rhodes Pat Richardson Dennis C. Richman R. H. Riffenburgh Linda E. Riles Martin Ring William Ritchie Dale E. Roark Allyn F. Roberts Faith Robinson Steven B. Rodecker Alan E. Rogers Christina Romano Puckett Carol A. Rosa Mike C. Rose David and Edith Ross Thomas Ross Ken Rothman Peter D. Rowley Jim Roy Thomas Rudy James Rumbaugh Peter Runstadler David Ruppert Marvin Russell Elaine C. Ruvs Ronald E. Sager Kenneth Sajeske James Samis Diana Sammataro Sholom Sanders W. S. Sanders James Sandham Walter D. Santarelli John B. Sauter Terry Savage Hollis Scarborough Daniel Scarcliff

Martin Schachter T. L. Schalk Tom and Joan Schaumberg Dennis A. Scheunemann Stephen E. Schneider Joshua Schnell and Marija Tesic-Schnell Kate Schoenhard **Robert Schreiber Rodney Schreiner** Raymond L. Schreurs Theodore J. Schuldt Gregory Schulz William C. Schumann Daniel H. Schwartz Steven P. Schwartz William Schwartz W. Schweinfest Christa Schwintzer Robert Scudder Nicholas Seachord C. and H. Seibert Jon Seidel Brence Sell Douglas W. Sellers Lucien R. Sellet C. J. Sellmyer Marianne Selph G. E. Senko **Richard Sentman** Gerald and Ann Serafino Ardith Shaffer Daniel J. Shank Narendra Shankar Sandra Shapiro Michael J. Shaw Janice Sheftel Aerie Shore Mike Shucha Edward J. Sichterman William H. Siegel Donna Siemro Sherwood D. Silliman IV Karen Simon Louis J. Sivo Alan Skille John B. Slater Kurt Slentz Leif Smedman Eileen M. Smith Frank and Pamela Smith James L. Smith Randall S. Smith John E. Speed **Russ Spickelmier** W. C. Spickelmier Steven Squires Paul St. Pierre Will Stack John Stancik Gary L. Starker George T. Stebbins Ronald E. Steele Sally and John Stefano John Steggall Thomas S. Stein Fred F. Stewart David J. Stodola Edward Stone Robert Stonehouse Landon T. Storrs **Russell Stowe** 

W. J. and Alice Strack Charles Stratton Ralph V. Straubs John Straughn Ann J. Strawn **Richard Stulen** Robert E. Stutler Rena F. Subotnik William Sullivan Nevin Summers David F. Sutter Daniel and Karen Swanson Dirk Swanson Michael Swanson Marguerite M. Swartz Michel J. Swartz Ralph R. Swick Sharon J. Swift Banu Symington Gregory H. Tatum John H. Taylor Stephen Teague William Teal Blake Thalacker Suzanne Thibodeau Edward Thomas Hollis Thomases William C. Thompson Tim Thomson John T. Tielking William L. Tietjen Brian Tinsley Raphael Tixier Steven L. Tracv Stephen Travers Michael R. Travis Thurman K. Treadwell Edward L Trov Jon Truebe Hans U. Tschersich Mehmet Tulu Renwick Tweedy Sally Uebelacker James L. Van Beveren Rov Van Orman Joe Van Steen L. Van Winkle Jr. John Varde Philip Varghese Margaret Velure Viktoria and Paul Vercelletto John Vernon Jov Viertel Mayco Villafana and Tamara Klingler Lydia Villa-Komaroff and Anthony L. Komaroff Josephine and Peter Von Hippel Howard Voorheis Emily Wade D. Audrey Wakefield Stephen C. Wales Jearl Walker Margaret G. Walter **Bradford Walters** Alan Wanderer David M. Wark Brent Warner Nicholas Warren William R. Warren Greg Waters

Dale K. Watney Cynthia Wayburn William and Barbara Weaver A. Webb David Weber Tai-Guang Wei Jean and Dan Weigert Howard S. Weiss Paula L. Weiss Rod Welch James Wells Rob Weltman Dale Wendel Jake Wenger Eric Werme Gary West John Wetzel Donald and Frances Wheeler Carrie B. Whiteside **7erman Whitley** Roger Whitson Bruce Wiley Laura Wilev Peter Wilhelm

Charles R. Wilkers Flovd Williams Jack Williams John G. Williams Richard O. Williams Stephen Williams Jennine Williamson Thomas G. Wills Henry R. Wilson Jeffrey Wilson Ion Wilson Kay Wilson Stanley D. Wilson Thomas Wilson Joel C. Winston Myron M. Woitowycz Chituru P. Wokpara S. and R. Wolen-Gilbert Steven R. Woodbury Susan Wood-Ellis and Michael Onstad Sarah Woodin Alain and Barbara Wood-Prince Edythe Parker Woodruff



Platinum Transparency **2022** 

Candid.



Bill Woods Fronda C. Woods Millard L. Woodson William C. Woodward Sharleen Worsfold Maggie Xiong David Yano RedLion York Trov and Kristi Yoshino George J. Young **Robert Youngs** Linda Younkin Sue T. Yount Kwok To Yue D. Yutzey Marvann 7 iemba Sam Zigler Jane S. Zones David Zuccaro Alan Zucksworth Anonymous (35)

### **Our Accountability**

Society for Science is a top-rated 501(c)(3) nonprofit organization that is committed to using every donation it receives efficiently and effectively. Thanks to contributions from science enthusiasts like you, we continue to receive high ratings from charity-rating bureaus. We are grateful for your support that inspires millions of people to engage with science through our programs in science journalism, competitions, and outreach and equity.

## **STEM GUARDIANS**

Legacy

**LEADERS** 

We recognize those who have

made a lasting gift to Society for

Science by creating a legacy in

their estate plans or by establish-

ing an endowment fund.

Dorothy and Michael Green

Alexander and Linda Lane

Stephanie A. Pace Marshall

**Planned Gifts** 

David R. Jefferson

Shawnee L. Kizzire\*

Gretchen Niver and

Edward W. Scripps\*

Stephen Goldman

Robert and Anne Shaw

Patrice Morrow

Donna Siemro Susan M. Staugaitis' Val Valek Anonymous (1)\*

**Endowed Gifts** 

Jon C. Graff\*, PhD Fund

for Science News

F. Thomson Leighton

Endowment Fund

\*Deceased

STEM Guardians are monthly donors who are dedicated to advancing scientific literacy and nurturing the next generation of science leaders.

Kendall Atkinson Peter Bell Denis R. Bourdeau Tom and Stephanie Conrov Carol Edwards Allan Forsyth Deborah and Patrick Galaska Richard P. Glinka David R. Jefferson Steve Kahn Atin Kothar Adam Lawthers

Robert Lieb Bruce Makous Michael S. Matthews Ralph J. McLain Eric Olson Kevin W. Parker Douglas T. Plante Harvey Price Thomas Slone Trudie E. Thompson James W. Zerwick Anonymous (1)

## **Tribute** GIFTS

Society for Science is honored to have received contributions in tribute to the following individuals.

Donor

Ann K. Anderson Thomas F. Anderson Duane Cox Susan Gordon Ralph E. Koldinger Kenneth Brown Lvnn Katulka lasvant Modi Ann Domenella Erin Harding Jethro Miller Nancy Solano University of Notre Dame Marcia Skavdal Charles K. McCabe Donna Siemro Kurt Slentz S. and R. Wolen-Gilbert

Lvnn E. Anderson Nancy Anderson Darnell Cox Louis Gordon Marjorie Koldinger Russell Kuhn Russell Kuhn Raianikant Modi Charles E. Pippenger Sally Randall Peggy Scripps Fred and Erna Siemro Robert and Prudence Slentz

In Memory of

Nicholas Orlando Gail Cohen Gretchen Niver **Enamul Hoque** Brian Kirk Ellen Jantzen S. Carol Bam Anonymous Lisa Russell-Mina Tracev Acquaro-Pees Homer Russell Shannon Whitley Joseph J. Reuter

In Honor of Dylan Bray Darrik Carlson David Cohen Stephen Goldman Fazlul Hoque Kevin Kirk Kristen Koepsell Jesse Logan John McCrohan Rick Moog Edward Pees Patricia R. Russell James Skofronick Society for Science: ISFF Team

#### Ruth Steinhour

#### 24 | 2021 ANNUAL REPORT | Society for Science

**Society Board of Trustees** 

Mary Sue Coleman, Chair University of Michigan Association of American Universities (Retired) STS 1961 ISEF 1959-1960

Martin Chalfie, Vice Chair Columbia University Nobel Prize in Chemistry, 2008

Hayley Bay Barna, Treasurer First Round Capital STS 2001

Christine Burton, Secretary The Burton Family Foundation

Thomas F. Rosenbaum, At Large California Institute of Technology STS 1973

Maya Ajmera, Ex Officio Society for Science Science News STS 1985

Craig R. Barrett Intel Corporation (Retired)

Adam Blv System ISFF 1998

Lance R. Collins\*\* Virginia Tech Innovation Campus

Mariette DiChristina\* Boston University College of Communication

Tessa M. Hill University of California, Davis

Tom Leighton\*\*\* Akamai Technologies, Inc. STS 1974 ISEF 1972-1973

Alan Leshner\*\*\* American Association for the Advancement

Paul J. Maddon\*\*\* Progenics Pharmaceuticals, Inc. (Retired) STS 1977 **ISEF 1977** 

Robert L. Wolen

- David A. Brav
- Donor

Sarah Steinhou

If we have omitted or misspelled your name, please accept our

sincerest apology and contact

us at give@societyforscience.org

so that we may correct our records.

#### Charles McCabe\*\*

Manifold Fund

#### W. E. Moerner

Stanford University Nobel Prize in Chemistry, 2014

#### Dianne K. Newman

California Institute of Technology ISEF 1987-1988

Roderic Ivan Pettiarew\*\*\*\* Engineering Health (EnHealth) Intercollegiate School of Engineering Medicine (EnMed), Texas A&M University/ Houston Methodist Hospital ISEF 1967

#### Afton Vechery

Modern Fertility STS 2007 ISEF 2005

of Science (AAAS) (Emeritus)

#### Gideon Yu

San Francisco 49ers ISEF 1989

#### Feng Zhang

Broad Institute of Massachusetts Institute of Technology (MIT) and Harvard University MIT McGovern Institute for Brain Research MIT STS 2000 ISEF 1998-1999

\*Term started March 2021 \*\*Term started October 2021 \*\*\*Term ended October 2021 \*\*\*\* Term started March 2022

## **Honorary Board**

Frances Arnold California Institute of Technology Nobel Prize in Chemistry, 2018

Elizabeth Blackburn University of California, San Francisco (Emerita) Nobel Prize in Physiology or Medicine, 2009

Vinton G. Cerf Google

Jeanette Epps" NASA Astronaut

Walter Gilbert Harvard University (Emeritus) Artist Nobel Prize in Chemistry, 1980 STS 1949

Sheldon Lee Glashow Harvard University (Emeritus) Boston University (Emeritus) Nobel Prize in Physics, 1979 STS 1950

**Brian Greene** Columbia University World Science Festival STS 1980 **ISEF 1980** 

John L. Hall University of Colorado, Boulder Nobel Prize in Physics, 2005 STS 1952

Elissa Hallem University of California, Los Angeles

**Dudley Herschbach** Harvard University (Emeritus) Nobel Prize in Chemistry, 1986

Marcian (Ted) Hoff Co-Inventor of the Microprocessor STS 1954

**Roald Hoffmann** Cornell University (Emeritus) Nobel Prize in Chemistry, 1981 STS 1955

Leroy (Lee) Hood Providence St. Joseph Health, Seattle Institute for Systems Biology STS 1956

H. Robert Horvitz<sup>\*</sup> Massachusetts Institute of Technology Howard Hughes Medical Institute MIT McGovern Institute for Brain Research MIT Koch Institute for Integrative Cancer Research Nobel Prize in Physiology or Medicine, 2002

Freeman A. Hrabowski III\* University of Maryland, Baltimore County

Martin Karplus Université de Strasbourg Harvard University (Emeritus) Nobel Prize in Chemistry, 2013 STS 1947

Cato T. Laurencin University of Connecticut Raymond and Beverly Sackler Center for Biomedical, Biological, Physical and Engineering Sciences, University of Connecticut The Connecticut Convergence Institute for Translation in Regenerative Engineering, University of Connecticut

Shirley M. Malcom\* American Association for the Advancement of Science (AAAS)

Paul L. Modrich Duke University Medical Center Nobel Prize in Chemistry, 2015 STS 1964 ISEF 1964

Lisa Randall Harvard University STS 1980

Henry Samueli Broadcom Inc. **Broadcom Foundation** 

David N. Spergel Simons Foundation Princeton University (Emeritus) STS 1978

Edward O. Thorp\* Author STS 1949

Frank Wilczek Massachusetts Institute of Technology Shanghai Jiao Tong University Arizona State University Stockholm University Nobel Prize in Physics, 2004 STS 1967

Gavle Edlund Wilson\*\*\* COSMOS, California State Summer School for Math and Science STS 1960

George Yancopoulos Regeneron Pharmaceuticals, Inc. STS 1976

Huda Y. Zoghbi Baylor College of Medicine Howard Hughes Medical Institute Texas Children's Hospital

## **National Leadership Council**

William J. Bencze Apple STS 1985 ISEF 1983-1984

Adam Bly System **ISFF 1998** 

Christopher Bouton\* Vyasa Analytics STS 1992

**David Bray** Atlantic Council GeoTech Center Commission on the Geopolitical Impacts of New Technologies and Data STS 1996 ISEF 1993-1995

Rob Chang Iliotech Software Services Gearcloud Labs STS 1980

**Michael Colsher** HAP LLC STS 1997

Shantanu Gaur Allurion Technologies ISEF 2003-2004

Eden Full Goh\*\* Mobot ISEF 2007-2008

Felipe Gómez del Campo\* FGC Plasma Solutions Inc. MIT RGD Lab ISEF 2012

**Michelle Hackman** The Wall Street Journal STS 2011

Catherine Havasi\* Basis Technology Corp. Luminoso Technologies, Inc. STS 1999 ISEF 1998-1999

**Kevin Heller** Jasper Therapeutics STS 1989

David Holz Ultraleap **ISEF 2006** 

Elyse Hope Genome British Columbia STS 2006 ISEF 2004-2006 DCYSC 2002

Scott Duke Kominers Harvard University STS 2005 **ISEF 2005** 

Meredith M. Lee UC Berkeley Computing, Data Science, & Society ISEF 2000

Michael Li The Data Incubator STS 2003 **ISEF 2003** 

Kate Lowry\* Science Philanthropy Alliance STS 2006

Divya Nag Apple STS 2009 ISEF 2007, 2009

\*Joined January 2021 \*\*Dr. Epps joined in January 2021 and is serving on the Honorary Board in a personal capacity \*\*\*Joined April 2022

Willie T. Reaves Jr. Cellino ISEF 2007-2008

#### Anna-Katrina Shedletsky

Instrumental STS 2004 ISEF 2003-2004

#### Rajen Sheth

Education Entrepreneur STS 1994 ISEF 1992-1994

#### Ramji Srinivasan\*\*\* Teiko.bio ISEF 1999

Nevin Summers MIT Synthetic Biology Center STS 1967 ISEF 1965-1967

#### Sheel Tyle

olamA ISEF 2006-2008 DCYSC 2005

#### Nina Vasan

Brainstorm: The Stanford Lab for Mental Health Innovation Real STS 2002 ISEF 2002

#### Afton Vechery

Modern Fertility STS 2007 ISEF 2005

\*Term started January 2021 \*\*Rotated off 2021

\*\*\*Rotated off 2022

## **Executive Team**

Maya Ajmera Rachel Goldman Alper Kathlene Collins Stephen Egts Matt Fuller Michele Glidden Cait Goldberg Gayle Kansagor **Bruce Makous** James C. Moore Daniel Reznikov Nancy Shute

## **Society Staff**

Aina Abell Daryl Anderson Deirdre Ball Christopher Berman Nathan Bogart Bruce Bower Brandy Boyd Michele Brenner Debra Cannan Chang Won Chang **Emily Conover** Christopher Crockett Paolo Cruz Aimee Cunningham **Emily Demarco Michael Denison** Lori Dixon Kevin Easterly Elaine Edwards Martina Efeyini Gabriella Freckmann **Emily Freeland** 

Erin Garcia de Jesús Christian Gillespie Shannon Giorgianni **Ricardo Gortaire** Carolyn Gramling Lisa Grossman Sujata Gupta Hunter Hart Bingyan He Lauren Helms Tzeitel Hirni Lillian Hwang Ashley Johnson William Johnson June Kee Nora Kelly Naveed Khan Natalie Kinnear Elizabeth Kruesi Tracy Lee Susan Li Jacqueline Ludden

Edward Maxwell Susan Milius Nancy Moulding **Rachel Myers** Emma Neely Eric Nguyen Nicholas Ogasa Eric Olson Erin Otwell Anil Oza Pratham Patkar Aparna Paul Anna Pawlow **Demian Perry** John Pierce Elaine Qualter Elizabeth Quill Janet Raloff Raeva Ramadorai **Krystal Robinson** Paul Roger Meghan Rosen Lisa Russell-Mina Carole Russo Tina Hesman Saey

Cassandra Martin Macon Morehouse Jill Sakai

Laura Sanders Natasha Shah Karen Shelley Sharon Snyder Byron Soto Asa Stahl Allison Stifel Caitlin Sullivan Natalie Sutton Maria Temming Helen Thompson Tracee Tibbitts Aaron Tremper Raina van Duym Cori Vanchieri Aubree Washington Erin Wayman Randy Williams\* Ashley Yeager Sarah Zielinski

All Leadership and Staff as of June 2022

\*Deceased



II The end of both politics and science must be the same—to serve humanity."

> PRESIDENT LYNDON B. JOHNSON **REMARKS TO STS 1965 FINALISTS**