



UNLEASH
IMAGINATION.
**SHAPE THE
FUTURE.**

November 16, 2022



clarkefoundation.org

Program

Sir Arthur C. Clarke Awards & Clarke Conversation

November 16, 2022

La Maison Française - Embassy of France
4101 Reservoir Rd., NW, Washington, DC

- 5:00 p.m.** **Reception with Awardees for All Attendees**
- 6:00 p.m.** **Sit-down Dinner for All Attendees**
(table assigned at check-in)
- 7:00 p.m.** **All Move into Auditorium**
- 7:15 p.m.** **Awards Ceremony**
- 8:15 p.m.** **Clarke Conversation on Imagination with Awardees**
Moderated by Steve Scully
"Can we reweave society for collaborative
problem-solving?"



The Foundation's mission is to
promote, enable, and recognize
the power of imagination
to benefit humanity.

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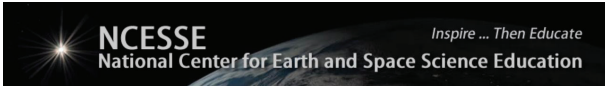
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Why Unleash Imagination?

The Arthur C. Clarke Foundation and its partners, the Arthur C. Clarke Center for Human Imagination of UCSD and KID Museum, launched “Unleash Imagination—Shape the Future” in 2017 to foster imaginative young leaders and an educational and workplace environment that promotes fresh ideas for addressing some of society’s greatest threats and opportunities. Sir Arthur understood that humankind’s most powerful tool to shape its future is its imagination. His own prolific work in science fiction and science fact seamlessly melded cognitive and creative elements together. Unleash Imagination explores the partnership between imagination and empiricism to create a better world. Insights gained through the first three years of Unleash Imagination, 2017–2020, will help the Clarke Foundation and its partners build dynamic intergenerational collaboration to promote ingenuity in how we lead, rather than trail, key challenges facing Planet Earth and its inhabitants.

A centerpiece of Unleash Imagination is its intergenerational dimension. All generations have something to teach one another and contribute to the future. Children have naturally rich imaginations but have yet to acquire expertise and experience. Adults have expertise and experience but can be unwilling to accept the time and risks involved in testing fresh ideas. Intergenerational collaboration strengthens critical decision-making and develops a pipeline of innovative talent and solution seekers.



We welcome your support for our program

Arthur C. Clarke worried about, and had hopes for, the future of the Earth and its inhabitants. He believed in the power of imagination in partnership with empirical rigor. He foresaw that we have entered a period of major change, and with it, major challenges. To address them we need fresh, big ideas and bold action. He believed that “The only way of discovering the limits of the possible is to venture a little way past them into the impossible.”

“Unleash Imagination – Shape the Future” is premised on Arthur Clarke’s optimism that we can secure the future of humanity by promoting imaginative thinking and harnessing its power. We will try to answer the questions

- How can we tap the imagination and views of younger generations who will live with the results of the decisions and actions we do or don’t take today?
- What can we do to help the world’s youth turbocharge the power of their imaginations across multiple skills and perspectives?
- What can we do to inspire adults and institutions to nurture imaginative approaches to challenges both big and small?
- How do we direct this renaissance in imagination toward the challenges of the future.

Yet not every organization, and not every environment welcomes imagination as more than interesting, but not applicable to the challenge at hand. In promoting Sir Arthur’s legacy, the Foundation and its partners see imagination as:

- 1) the essential tool to address the complex, consequential, and thorny challenges humankind is facing,
- 2) the connective tissue between science and the arts,
- 3) central to the future of our planet.

We begin today to examine how to unleash the power of imagination.

www.clarkefoundation.org/donate/

Introducers of 2022

Sir Arthur C. Clarke Awards



Special Introducer of Innovator's
Awardee Esther Dyson

Vinton Cerf, Ph.D., Vice President and
Chief Internet Evangelist of Google and Clarke
Award winner in 2012 for Lifetime Achievement



Special Introducer of Imagination
in Service to Society Awardee
Cory Doctorow

Erik Viirre, M.D. Ph.D., Professor at
the University of California, San Diego in the
Department of Neurosciences, and Director
of the Arthur C. Clarke Center for Human
Imagination



Special Introducer of Lifetime
Achievement Awardee Dr. Francis
Collins

Anne Schuchat, M.D., retired Principal
Deputy Director of the Center for Disease
Control and Rear Admiral in the Commissioned
Corps of the United States Public Health Service

The Sir Arthur Clarke Innovator's Award

for her Incomparable Leadership and Vision in
Shaping Internet Governance, Wellness and Equity,
and as Investor, Journalist, Author, and Philanthropist



Esther Dyson has been widely regarded as one of the most influential voices in technology policy for more than three decades. Though she is now mostly focused on human well-being and health (through the 10-year nonprofit community health and equity project she founded in 2014, Wellville), she is returning her gaze to Internet governance as the world approaches Web 3.0. She hopes to help it avoid the governance issues she saw clearly in Web 2.0, specifically through her role as founding chairman of the Internet Corporation for Assigned Names and Numbers (ICANN), 1998-2000. She also serves as an active angel investor in a variety of mostly tech- or health-oriented startups.

Dyson was born in Zurich, Switzerland, to mathematician Verena Huber-Dyson and physicist and writer Freeman Dyson, who was awarded the Arthur C. Clarke Lifetime Achievement Award in 2011. The award to Esther is notable particularly as it is being given for outstanding achievements different from those of her extraordinary father.

A Harvard graduate in economics, she spent 25 years studying, writing about, and holding an annual conference for the emerging personal computer/Internet market. She also became increasingly involved in public discussion about the future of the Internet. As a member of the National Information Infrastructure Advisory Council (NIIAC), chair of the Electronic Frontier Foundation (EFF), Dyson has helped mediate and inform public policy regarding privacy, encryption, trust, and the assignment of Internet domain names. Her 1996 book, *Release 2.0*, addressed to a general, non-technical audience, presented in plain English the key issues and controversies surrounding the evolving Internet. In January 2000, Dyson started writing a syndicated column, *Release 3.0*, for *The New York Times*. The feature discusses the impact of digital technology on daily life as well as on the world's social, political, and financial fabric.

Dyson, whose earlier interests were in writing and journalism, became interested in business while working for Forbes, moving on in 1977 to Wall Street as a securities analyst specializing in information technology companies. In 1982, she joined another former securities analyst, Ben Rosen, at his company Rosen Research, as editor of his monthly Rosen Electronics Letter. When Rosen decided to move on in 1983, she purchased the company, renamed the newsletter RELease 1.0 [sic] and called the company EDventure Holdings. In 2007, she sold the company to CNET, having recast EDventure's industry-leading Personal Computer Forum as the Platforms for Communication Forum.

Dyson continues to invest in start-up Internet companies and to serve on various boards that seek to influence public attitudes and policy, including Charity Navigator, ExpandedED and the Long Now Foundation. She has served on the board of many startups, including 23andMe, Evernote, Meetup, WPP Group, XCOR Aerospace and Yandex.



The Sir Arthur Clarke Imagination in Service to Society Award

for his Insights and Provocation through
Science Fiction creations, and exceptional
Journalism and Technology Activism



Cory Doctorow (crapbound.com) is a science fiction novelist, journalist and technology activist. He is a contributor to many magazines, websites and newspapers. He is a special consultant to the Electronic Frontier Foundation, a non-profit civil liberties group that defends freedom in technology law, policy, standards and treaties. He holds an honorary doctorate in computer science from the Open University (UK), where he is a Visiting Professor; he is also an MIT Media Lab Research Affiliate and a Visiting Professor of Practice at the University of North Carolina's School of Library and Information Science. In 2007, he served as the Fulbright Chair at the Annenberg Center for Public Diplomacy at the University of Southern California. In 2020, he was inducted into the Canadian Science Fiction and Fantasy Hall of Fame.

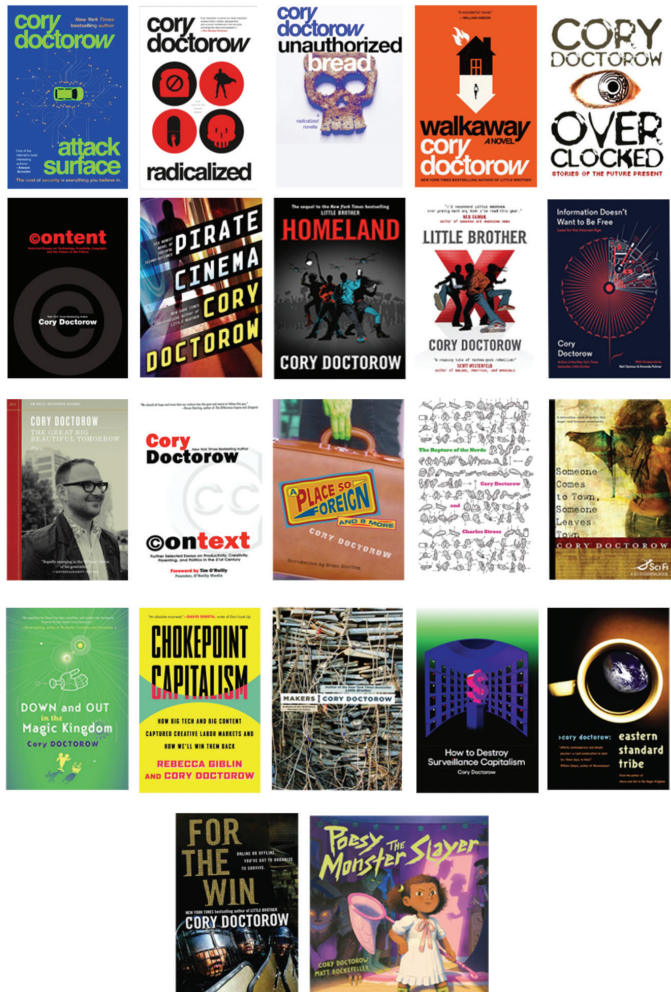
His novels have been translated into dozens of languages and are published by Tor Books, Head of Zeus (UK), Titan Books (UK) and HarperCollins (UK). He has won the Locus, Prometheus, Copper Cylinder, White Pine and Sunburst Awards, and been nominated for the Hugo, Nebula and British Science Fiction Awards.

His recent books include Chokepoint Capitalism (with Rebecca Giblin) (2022), a nonfiction book about creative arts labor markets and monopoly, Attack Surface (2020), a standalone sequel to Little Brother intended for adults, Poesy The Monster Slayer, a picture book for young children (2020), the nonfiction tech/politics book How To Destroy Surveillance Capitalism (2020), Radicalized (2019) and Walkway (2017), science fiction for adults; and In Real Life, a young adult graphic novel created with Jen Wang (2014).

His latest young adult novel is Homeland, the bestselling sequel to 2008's Little Brother, which was a New York Times bestseller. In 2023, Verso will publish The Internet Con, a nonfiction book about monopoly and radical interoperability. In 2023/4, Tor Books will publish two more science fiction novels for adults: Red Team Blues and The Lost Cause. His latest short story collection is With a Little Help, available in paperback, ebook, audiobook and limited edition hardcover. In 2011, Tachyon Books published a collection of his essays, called Context: Further

Selected Essays On Productivity, Creativity, Parenting, And Politics In The 21st Century (with an introduction by Tim O'Reilly) and IDW published a collection of comic books inspired by his short fiction called Cory Doctorow's Futuristic Tales Of The Here And Now. The Great Big Beautiful Tomorrow, a PM Press Outspoken Authors chapbook, was also published in 2011.

Little Brother was nominated for the 2008 Hugo, Nebula, Sunburst and Locus Awards. It won the Ontario Library White Pine Award, the Prometheus Award as well as the Indienet Award for bestselling young adult novel in America's top 1000 independent bookstores in 2008; it was the San Francisco Public Library's One City/One Book choice for 2013. It has also been adapted for stage by Josh Costello. He co-founded the open source peer-to-peer software company OpenCola, and serves on the boards and advisory boards of the Participatory Culture Foundation, the Clarion Foundation, the Open Technology Fund and the Metabrainz Foundation. He maintains a daily blog at Pluralistic.net.



The Sir Arthur Clarke Lifetime Achievement Award

for his exceptional contributions and leadership
in Genomic and Medical Research, and for
Advancing Health Technologies



Francis S. Collins, M.D., Ph.D.,

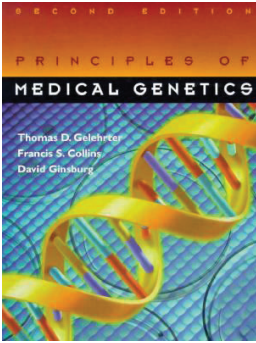
currently serves as the Special Advisor to President Biden for Special Projects. In this role, he is leading a bold program to help eliminate Hepatitis C in the United States. Prior to this, he served as the Acting Science Advisor to President Biden, steering the administration's plans and programs to advance scientific solutions to humanity's needs, especially for health issues. In that role, he worked closely with Dr. Alondra Nelson, the former Acting Director of the Office of Science Technology Policy (OSTP). Dr. Collins also maintains his longstanding position as a Senior Investigator in the intramural program of the National Human Genome

Research Institute, pursuing genomics research on type 2 diabetes and a rare disorder of premature aging called progeria.

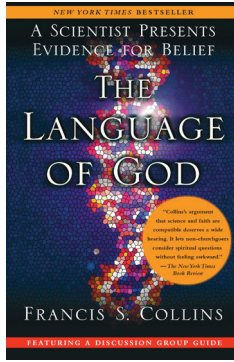
Dr. Collins previously served as the 16th Director of the National Institutes of Health (NIH), appointed by President Barack Obama and confirmed by the Senate in 2009. In 2017, President Donald Trump asked Dr. Collins to continue to serve as the NIH Director. President Joe Biden did the same in 2021. For those 12 years, serving an unprecedented three administrations, Dr. Collins oversaw the work of the largest supporter of biomedical research in the world, spanning the spectrum from basic to clinical research. Dr. Collins stepped down as Director on December 19, 2021.

Dr. Collins is a physician-geneticist noted for his landmark discoveries of disease genes and his previous leadership of the international Human Genome Project, which culminated in April 2003 with the completion of a finished sequence of the human DNA instruction book. He served as director of the National Human Genome Research Institute at NIH from 1993-2008.

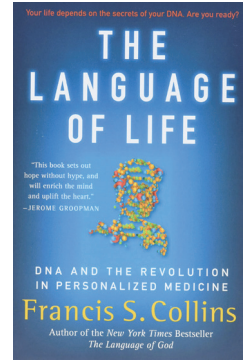
Dr. Collins is an elected member of both the National Academy of Medicine and the National Academy of Sciences, was awarded the Presidential Medal of Freedom in November 2007, and received the National Medal of Science in 2009. In 2020, he was elected as a Foreign Member of the Royal Society (UK) and was also named the 50th winner of the Templeton Prize, which celebrates scientific and spiritual curiosity.



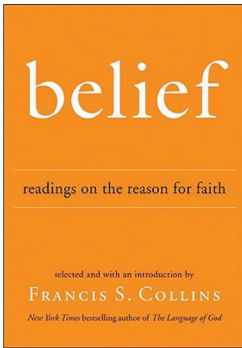
Principles of Medical Genetics 2nd Edition, with T.D. Gelehrter and D. Ginsburg



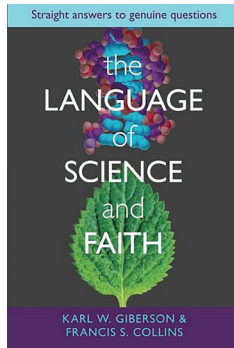
The Language of God: A Scientist Presents Evidence for Belief



The Language of Life: DNA and the Revolution in Personalized Medicine



Belief: Readings on the Reason for Faith



The Language of Science and Faith: Straight Answers to Genuine Questions with Karl Giberson

2022 Clarke Conversation on Imagination

Can we reweave society for collaborative problem-solving?

The 2022 Clarke awardees represent three of the very best in their respective professions. As one of America's leading health experts, Dr. Francis Collins has navigated the nation through genome research, medical advancements, and a global pandemic. Esther Dyson is an entrepreneur who has been on the cutting edge of technology, human wellness and space exploration. Cory Doctorow has opened our eyes as a journalist and expanded our imagination as a writer.

Each awardee can be described as an extraordinary achiever in their respective field, allowing their imagination to link their talents and expertise. Their careers have also pushed the boundaries to better understand our world, as well as showing how we can create a better world for those of us who inhabit it. Moderator Steve Scully will engage the awardees in a spirited conversation on some of the leading issues facing us today, events in their lives which shaped their thinking, and looking collectively for their creative solutions.

At a time when so many of our institutions are under scrutiny and attack, this conversation will focus more on the solutions than on the problems. So much challenges the future of society and our planet that it can feel overwhelming to try to tackle each issue.

- Are there common conditions that could set a more collaborative and creative approach to their resolution?
- Are there ways in which the Internet and social platforms that often divide us also provide solutions to a way forward?
- Is there a way to heal the divisions so that we can weave a better future together?
- How do we restore trust in science, leadership and each other?
- The promise of the future is filled with innovation, hope and change.
- What does that mean for current and next generations on whose shoulders the future will depend?

These three awardees will offer unique perspectives, challenging our thinking and motivating us to look outside the box for those new ideas leading to answers. We will also engage with the audience for a true conversation. We invite you all to be prepared to raise your issues.

2021 Clarke Conversation Moderator



Steve Scully has interviewed every president since Gerald Ford. In his three-decade career at C-SPAN, he has served as political editor, host, and senior executive producer of C-SPAN's programming, including the Washington Journal, Road to the White House series and its podcast 'The Weekly.'

In addition to his work at C-SPAN, Scully served as adjunct faculty at the University of California-DC Program and completed his Terker Fellowship (2019-21) at George Washington University's School of Media and Public Affairs last month. He previously served as an adjunct faculty member at the University of Denver, Pace University and George Mason University.

Scully chaired the Jefferson Educational Society Global summit in his hometown of Erie, Pa. for the past 11 years. Scully served nine years on the White House Correspondents' Association, including as president from 2006-07. In 2019, he was named to the Pennsylvania Broadcasters Hall of Fame.

Mr. Scully earned his Master of Science degree in journalism from Northwestern University's Medill School of Journalism in Evanston, Illinois, graduating magna cum laude. Prior to that, he received his Bachelor of Arts in communications and political science from American University.

In Memoriam

The Arthur C. Clarke Foundation mourns the loss of **Tedson Meyers**, who co-founded the Foundation in 1983 and served terms as Board Chairman and Executive Director, and since 2016 as Chairman Emeritus.

Tedson brought the full force of his being to teams he joined. His professional biographies, available on his own website, www.tedson.com list enough triumphs and achievements for many lifetimes. For the Arthur C. Clarke Foundation family, his vision of an organization dedicated to building on the work, thoughts, and legacy



of Arthur C. Clarke resulted in the creation of a growing international foundation, the establishment of an Arthur C. Clarke Institute for Space Education, and the launch of the Arthur C. Clarke Center for Human Imagination at the University of California San Diego. The Clarke Center has become an integral part of the University and local San Diego community, hosting popular and well-attended events, research, and programs.

Tedson loved a pithy saying that captured the essence of a thing. So, we offer these seven words for Tedson: “He was noble and he was global.”

To carry on his passion for young people and the power of imagination, the Arthur C. Clarke Foundation has established in his memory the **Tedson Meyers Youth Imagination Fund**.

You can donate to the Fund at
www.clarkefoundation.org/donate.



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TRAILBLAZER
INTERNET CHAMPION
INNOVATOR



CONGRATULATIONS

ESTHER DYSON

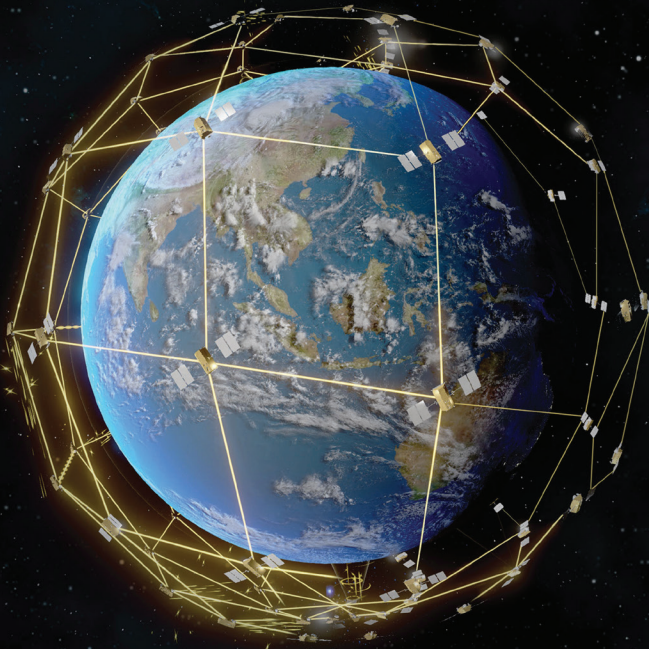
ICANN FOUNDING BOARD CHAIR

2022 SIR ARTHUR CLARKE
INNOVATOR AWARDEE



Congratulations to the 2022 **Arthur C. Clarke Awardees!**

When you unleash your imagination, you can
shape the future and even connect the entire world




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**Walda Roseman
& Stacy Swann**

congratulate each of the
2022 Clarke Awardees,
and look forward
to tonight's
Clarke Conversation
on Imagination.

Unleash Imagination: Shape the Future
embodies the Foundation's mission
to promote the essential role
imagination plays in
critical decision-making
among and across generations.



Joseph Bravman, Timothy Logue,
Monica Morgan, Michael Nelson,
Ruth Pritchard-Kelly & Charles Schott
Applaud the 2022 Arthur C. Clarke Awardees

Francis Collins

Cory Doctorow

Esther Dyson

Unleash Imagination – Shape the Future

The Clarke Foundation's signature program Unleash Imagination: Shape the Future, our intergenerational program aimed at stimulating renewed attention to imagination as a critical tool in helping humanity actively choose its future. This future, already with us, challenges us to reimagine a range of global and historic complexities — the Earth's environment, the spread of artificial intelligence and smart electronic networks, the quest for off-Earth habitable planets, the very idea of what it means to be human, and for all to be treated with dignity and respect. We look to inspire leaders, workers, educators, and citizens to see imagination as a critical tool for preparing organizations, communities, governments, and our fellow humans around the world

Unleash Imagination programs build upon the Arthur C. Clarke Awards, which we created years ago and give us an opportunity to recognize and hear from extraordinary individuals and organizations whose imaginative endeavors have paved new paths.

Arthur C. Clarke Foundation Brain Trust For Intergenerational Programs

Bran Ferren*, Co-chair, Co-founder and Chief Creative Officer, Applied Minds

Walda Roseman, Co-chair, ACCF Board Chair

Bob Branson, CEO, Multicultural Media, Television and Internet Council

Vint Cerf*, Vice President and Chief Internet Evangelist, Google

Patrick Coleman, Assistant Director, Arthur C. Clarke Center for Human Imagination, UCSD

Kaye Husbands Fealing, Dean of Ivan Allen College of Liberal Arts, Georgia Institute of Technology

Franco Forti, MBA candidate, Georgetown University

Jeff Goldstein, Center Director, National Center for Earth and Space Science Education; Institute Director Arthur. C. Clarke Institute for Space Education

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Eric Loeb, Executive Vice President Government Relations, Salesforce

John Malin, Board Member, Marshall Sherfield Foundation; Ph.D, Food Science and Nutrition; formerly Corporate Vice President Technology, Mars Inc.

Richard Sergay, Founder and Principal, Rebel Media Productions, documentary and TV producer

Stacy Swann, ACCF Board Member, CEO Climate Finance Advisors

Jill Tarter*, Chair Emeritus for SETI Research

Vince Walisko, ACCF Board member, COO Optimal Satcom

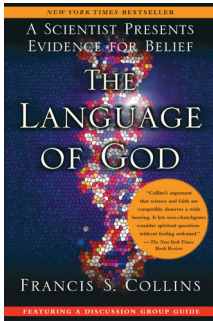
*Sir Arthur C. Clarke Awardees

Paul Julin, Executive Secretary for the Brain Trust, ACCF Executive Director

2022 Book Silent Auction

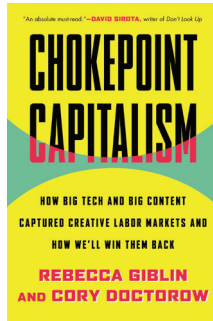
This is an annual favorite and we love the competition!

Only the 10 highest bidders will take home this set of autographed books.



Autographed by
2022 Arthur C. Clarke
Awardee and author

Francis Collins



Autographed by
2022 Arthur C. Clarke
Awardee and author

Cory Doctorow

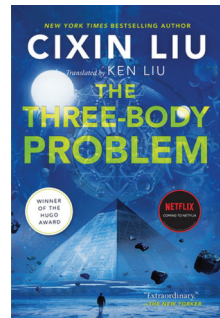
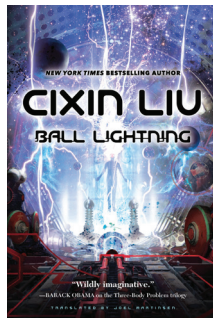
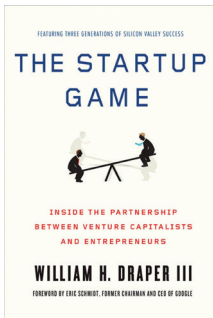


Autographed by
Unleash Imagination
Intergenerational Program
Brain Trust member
and author

Corinna Lathan

BONUS!

Highest bidders also get one additional surprise book for your collection, autographed by 2020 Clarke Awardee, William H. Draper, III or 2018 Clarke Awardee, Cixin Liu!



Bids will be collected after dinner and winners will be announced at the end of the evening.

All funds paid above the \$125 retail value of the materials are fully tax deductible. ACCF is a 501(c)3 not-for-profit organization.

Unleash Imagination – Shape the Future
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and attentive Volunteers:**

Mary Duncan

Pam Janus

Julie Julin

Anders Julin

Deirdre Murray

Lisa Younger



**To the Artists on the computer keyboard,
you have our ardent admiration:**

Holly Russell – Social Media

Carol Nakamura – Website



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