

FOUNDATION NEWSLETTER

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Process engineers have a new community thanks to Scott Love, P.E.

AIChE Foundation welcomes Syamal Poddar as new chair of annual giving

and much more!

Visit
aiche.org/giving

Dear Friend,

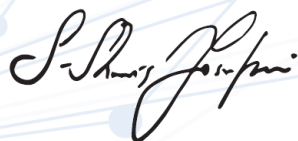
Thank you for being an important member of our profession and a generous supporter of the AIChE Foundation. As you know, one of the primary goals of AIChE is to promote excellence in chemical engineering education and practice for everyone—whether they are in secondary school figuring out what they want to do, in college studying to be a chemical engineer, a young professional just starting out, or a seasoned veteran of the industry.

The articles featured inside this newsletter include stories of people who have benefitted from your generosity and are making the world a better place, each in their own unique way, through the safe and responsible practice of chemical engineering.

This newsletter celebrates the good work we do as a Foundation around the globe thanks to the incredibly generous donors who make it all possible, and provides a snapshot of some of the highest priority projects funded through the Annual Fund and Doing a World of Good campaign.

Thank you for helping AIChE accomplish all this and more.

Sincerely,



S. Shariq Yosufzai
Chair, AIChE Foundation Board of Trustees
Vice President, Global Diversity, Chevron, Retired

Major Gifts Supporting Our

Gupta Family Foundation Funds Doing a World of Good Podcast



Raj Gupta, Chairman of Avantor Inc. and APTIV plc, and Senior Advisor at New Mountain Capital, is boosting the public profile of chemical engineers and their contributions to society with a \$50,000 leadership gift to sponsor the AIChE Foundation's Doing a World of Good podcast series.

The podcasts, which debuted in 2016, feature interviews with some of the profession's most prominent leaders and innovators and reveal the many ways in which the work of chemical engineers improves human lives. The gift from Gupta and his wife Kumla, was arranged through the couple's Gupta Family UJALA Foundation and will fund 20 future episodes of the online series, which has been renamed the Doing a World of Good Raj and Kumla Gupta podcast series.

In discussing his family's choice to sponsor the AIChE Foundation's podcasts, Gupta explained that the chemical engineering profession has been instrumental in improving quality of life around the globe and has enabled much of the world's progress in health care, water treatment, food, agriculture, energy, electronics, and more.

However, he noted, "the positive impact of the industry and the people working in it is not fully appreciated. Through this podcast series, we hope to improve the perception of the industry and acknowledge the individuals who have made — and are continuing to make — a difference."

You can find the 2018 season of the Doing a World of Good Raj and Kumla Gupta podcast series at:

www.aiche.org/giving/podcasts

Gift from Eric Reiner Helps Launch LGBTQ+ & Allies Initiative



AIChE is supporting the career objectives of chemical engineers in the lesbian, gay, bisexual, transgender, and questioning (LGBTQ+) community, thanks in part to a leadership gift to the AIChE Foundation from chemical engineer Eric S. Reiner. Reiner, a lecturer at the University of California, Berkeley's Haas School of Business and a retired managing director at UBS AG (the Swiss bank), kicked off the fundraising for AIChE's new LGBTQ+ & Allies Initiative with a \$50,000 donation. The initiative is one priority of the AIChE Foundation's Doing a World of Good campaign aimed at advancing the inclusiveness of the chemical engineering profession. The fundraising to endow this initiative will be formally launched at the 2018 AIChE Annual Meeting in Pittsburgh, PA, in October.

The campaign will also subsidize a newly launched LGBTQ+ & Allies Online Community, which is now in its pilot phase. Building on this, the initiative aims to expand its reach to recognize students, professionals, and companies that show exemplary efforts in LGBTQ+ & Allies causes within the chemical engineering profession, as well as to create greater diversity-and inclusion-related educational opportunities for members and industry allies.

At a recent AIChE reception, Reiner reflected on his own experiences as an openly gay man working in the financial sector, and how the accepting and inclusive workspace he found in that field helped to enable his success. In regard to his financial support of AIChE's initiatives for LGBTQ+ engineers, Reiner said that he was pleased to assist AIChE in its work to advance diversity throughout the profession. He concluded, "We want everyone to be able to contribute to the profession to their fullest ability."

Advancement

Gerry Lessells Matching Gift Challenge



The AIChE Foundation had the honor of talking with Gerry Lessells, an AIChE Fellow and longtime friend of Henry Brown, who recently initiated a challenge gift to match all donations, up to \$50,000, to the Henry T. Brown Endowment for the Education of Under-represented Minority Chemical Engineers. Gerry was also involved with Henry on AIChE's earliest minority outreach activities.

AIChE Foundation: What inspired you to gift a \$50,000 matching challenge to the Henry T. Brown Endowment for the Education of Under-represented Minority Chemical Engineers?

Gerry Lessells: Quite simply that AIChE has been incredibly kind to me over many years. The granting of Fellow Grade rewarded me for leadership positions in two AIChE Local Sections, as chair of the original National Career Guidance Sub-Committee for Disadvantaged Youth, plus serving on other National committees, as Minority Affairs Coordinator, and as a Member of Council, 1973-75.

In 1974 I received the Service to Society Award recognizing community involvement such as my NAACP activities in the 1950's; in the 1960's as chair of the Decatur, IL Mayor's Commission on Human Relations, as a member of the Edison, NJ Mayor's Advisory Committee, as a member of the New Brunswick, NJ Urban League Board of Directors, plus service on my alma mater, MIT's Educational Council. Then in 1987, during my retirement, I received the Van Antwerpen Award. Van also returned from his retirement to present his Award to me — a great honor.

And finally, I was graced with the William W. Grimes Award for Excellence in Chemical Engineering, by the Minority Affairs Committee (MAC) of the Institute in 2001, and then again with MAC's Pioneers of Diversity Award in 2015. So you can see how much I owe to AIChE!

AIChE Foundation: What do you believe is central in knowing Henry, how you would describe his character and legacy?

Gerry Lessells: Henry Brown has given unstintingly of himself in expanding AIChE's diversity and inclusion over a period of 50 years as of 2018. This is especially true of his

getting the Institute to establish MAC and his continually nurturing over a 27-year period the activities and membership of this most important National Committee.

AIChE Foundation: In your opinion, what is the single most important impact AIChE and this particular endowment can have on the future education of under-represented minority chemical engineers?

Gerry Lessells: By providing financial backing to the education of under-represented minority chemical engineering students, AIChE is exhibiting very tangible support to equal opportunity for this class of youngsters in the best spirit of the half-century AIChE has been active in this effort.

AIChE Foundation: Do you have an anecdote about your early days in launching MAC that really moved you and motivated you to stay involved?

Gerry Lessells: During the period (1968) leading up to the establishment of the original Career Guidance Sub-Committee for Disadvantaged Youth, strangely enough, it was the statement by the wife of an Institute President, that she thought that it was the responsibility of AIChE to work to increase the minority and female membership of the Institute, while the then President of AIChE said that AIChE's sole responsibility was for the welfare of the existing membership!

AIChE Foundation: Are there any other thoughts or a particular message you'd like to share with the chemical engineering community about the Henry T. Brown Endowment or AIChE's work more broadly in advancing diversity and inclusion in the chemical engineering profession?

Gerry Lessells: Only that the Henry T. Brown Endowment is, I believe, currently the most important aspect of the Institute's ongoing efforts on behalf of under-represented minority youngsters.

The Henry T. Brown Endowment for the Education of Under-Represented Minority Chemical Engineers is a global effort to promote greater inclusiveness in AIChE and the profession by providing an endowment to support, in perpetuity, the education and training of future minority chemical engineers. The endowment will provide a reliable and secure source of funding for the MAC Scholarship Program. Each gift to the Fund creates new opportunities, year after year, for brilliant young minds to power the future.

INVESTING FOR IMPACT

A main emphasis of the AIChE Foundation is the distribution of grants for impactful projects that further the Foundation's Doing a World of Good campaign's priorities and enable the profession of chemical engineering to have a greater impact in the world. Thanks to the generous support of loyal AIChE Annual Fund donors, the AIChE Foundation Board of Trustees awarded 2018 first cycle of grants to support the following transformative projects:

Celebration for the 20th Anniversary of AIChE's Women's Initiative Committee (WIC)

The Foundation is delighted to support this important milestone as an opportunity to celebrate and honor significant contributions of women to chemical engineering.

2018 AIChE Global Student Undergraduate Video Competition

The global reach of the competition allows the exchange of relevant knowledge between diverse communities, advances STEM education in a creative way, and fosters a dialogue on adaptation of process technology in diverse countries.

Engineers Without Borders (EWB-USA) 2018 Student Grants for Sustainable Development

This travel opportunity increases student engagement with AIChE, encourages students to develop leadership skills, and raises the visibility of AIChE as the global home for chemical engineers. Since 2009 this grant has supported

the travel of 30 chemical engineering students doing humanitarian projects in over 10 countries, impacting the lives of 26,000 people.

The AIChE Young Professionals Committee Beer Brewing Competition

This competition enables Young Professionals to become involved in their Local Section and gives young professionals the opportunity to collaborate at the local level through their innovative and transformational teams.

Encouraging Global Engagement - 2018 Student Regional Conference

In partnership with local Engineers Without Borders (EWB) student chapters, the Global Societal Initiatives Committee (GSIC) will coordinate a 3-year education program in efforts to educate and bring awareness of global engagement at the AIChE Student Regional Conference.

Introduction to Chemical Engineering Literature for Middle and High School

An accessible take-home handbook that introduces middle and high school students, teachers and parents to the expansiveness of the chemical engineering profession.

The International Student Chapter Leadership Development Travel Grant Program

In addition, to the six programs awarded grants above, the Foundation continued its

pioneering support for global leaders through the International Student Chapter Leadership Development Travel Grant Program. Historically the foundation has opened the doors of opportunity through these grants for professional development, leadership skills, networking and most importantly mentorship from pioneers of the chemical engineering profession. Since the inception of this innovative global program in 2014, the grant has been utilized by 28 students from 21 student chapters in 16 diverse countries.

AIChE Senior Membership Associate, Sarah Ewing, was fortunate enough to sit down with some of the 2017 award winners at the Annual Student Conference. Ewing talked with the winners about their favorite part of their experience with AIChE, what originally got them interested in chemical engineering, what they plan to do after graduating from college, and other topics.

"I think this is a great opportunity for all of us because we have met most of the authorities and we have learned different things from each of them," said Rabia Selin Bostanci, a chemical engineering student at Koç University in Turkey.

"Especially, I want to mention Bernard Harris because he shows us how the dreams come true with education and I'm thinking, that when I will be at the edge of giving up on something, I am going to remind myself of his words, his sentences, which is 'I am an infinite being with infinite opportunities.'"

Harris, who is currently the Chief Executive Officer and Managing Partner at Vesalius Ventures, Inc., was the keynote speaker of the Conference and generously gave his time to interact with the grant winners and share ideas with them.

"I think the world needs people, someone who wants to improve the quality of people's lives. I always have loved the idea that I can be a part of that group of persons," said Camila Romero, a chemical engineering student at the Universidad Nacional De Colombia Sede Bogotá.

Thanks to the generous donations of our supporters, the Foundation continues to find ways to invest in programs that make a difference for all chemical engineers — current and future.



A New Community for Process Engineers



Process engineers play a vital role across the chemical process industries. To better serve that group, AIChE is creating a new online community of process engineers - thanks to the generous philanthropic support from Scott D. Love, P.E., a process engineer, Fellow, Trustee and former director and secretary of AIChE. With this leadership gift, Scott has laid the groundwork for the new Process Engineering Community, an online forum where process engineers will be able to collaborate, exchange technical information, and share professional and career development advice.

AIChE members working as process engineers can help launch the community by volunteering to be the subject of a profile article on the Process Engineering Community web site. In discussing his motivation for creating the community, Scott explained that while much attention in the chemical engineering realm is focused on the cutting edge of chemical technology, "many other chemical engineers spend their careers doing process engineering — whether they call it 'production engineering,' 'plant operations,' or some other variant." Scott hopes the new Process Engineering Community will provide good service to what he considers to be a "silent majority" of chemical engineers. "Additionally, the community will help process engineers to understand that AIChE recognizes their sometimes unsung contributions to the industries they serve."

Learn more, and help launch AIChE's Process Engineering Community, visit www.aiche.org/processengineering.

Welcome Syamal Poddar, AIChE Foundation Chair of Annual Giving



In this new role, Syamal will be working with the Board of Trustees, Board of Directors and Fellows Council to ensure 100% Leadership Giving participation. He will also be educating members-at-large about the Foundation and its philanthropic activities—many of whom know little about the work we do or how they might get involved. Syamal, along with his wife and partner Susmita, are lifetime supporters of the Institute and passionately believe in the mission of the Foundation to make the world a better and safer place through chemical engineering.

In reflecting on his and Susmita's \$20,000 matching gift challenge last year, he said: "As time goes by, Susmita and I have become even more passionate about the causes we support," adding that "AIChE plays a vital role in our lives, and we want to invest in and strengthen its ability to support the next generation of chemical engineers." We welcome Syamal in this new role and thank him for leading by example.

For more information and news about the impact of the AIChE Annual Fund visit www.aiche.org/giving

John C. Chen Endowment for Young Professional Leadership



Family and friends of the late John C. Chen, the Carl R. Anderson Professor Emeritus of Chemical Engineering at Lehigh University and AIChE's President in 2006, have established an endowment fund in his memory to support the leadership development of young professional chemical engineers.

Throughout his career as an educator and his longtime professional service to AIChE, John was recognized for his inspirational leadership and his steadfast commitment to the next generation of chemical engineers. To celebrate John's passion for leadership and his lasting impact on the chemical engineering profession, the endowment will provide scholarship funds to support, in perpetuity, the leadership development training of two selected young professional members of AIChE annually.

The selected young professionals will participate in a face-to-face PEAK Leadership Training Program at the AIChE Annual Meeting. Funding will be made available for travel to the Annual Meeting and a full meeting registration. Additional funds will be made available for tailored online training opportunities throughout the year. The inaugural recipients of the scholarship will be the Chair and Vice-Chair of the AIChE Young Professionals Committee.

AIChE Engage

While we rely on the continued financial support of the AIChE member community, there are other ways that our members continue to give back. From the local grassroots level to the Board of Directors, volunteers make AIChE's work possible by
Doing a World of Good.

OPPORTUNITY TYPES

Committee Volunteer

Over a 2-3 year period you can help drive change in major ways.

Task Volunteer

Assist with project-based work for 6 months to 1 year.

Micro-Volunteering

Lend your expertise, talents and feedback on a short term basis in a variety of areas.

Types of Micro-Volunteering Work

K-12 student outreach

Copywriting and social media

Liaison and facilitator for focus groups

Contributor to AIChE online forums

Event ambassador

LEARN MORE AT

<https://engage.aiche.org/volunteeropportunities>

Chemical engineers are Doing a World of Good every day. Let's not keep it a secret. Use the hashtag: **#AllForGood**

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*For more information about supporting AIChE Foundation or any articles in this issue,
contact Stephanie Viola, Director of Development, at stepv@aiche.org and visit aiche.org/giving.*

2018 AIChE® ANNUAL GALA
INSPIRING & EMPOWERING
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HONORING

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Chairman of the Board and
Chief Executive Officer

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Chairman and
Chief Executive Officer

SPECIAL FEATURE

The "Doing a World of Good" Medal will be presented to

NANCE K. DICCIANI

Founder, President and Chief Executive Officer
RTM Vitals Signs LLC

TUESDAY, DECEMBER 11

GRAND HYATT NEW YORK, 109 E 42ND STREET, NEW YORK CITY
Cocktail Reception 6:30 pm • Dinner and Program 7:30 pm • Black Tie Optional

Funds raised at this year's Gala will underwrite the expansion of women's leadership programs,
improve pre-college STEM education for girls and advance retention programs
for women engineering undergraduates, graduate students, and young professionals.

For further information, please contact Donnie Manetta at
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