AIChE 2008 AIChE Foundation Report

Celebrating A Century of Triumphs ... Building a Foundation for Future Promises



AIChE[®] 2008 Foundation Report

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November 4, 2008

This year, AIChE celebrates the centennial of the founding of the Institute. During the past year, the AIChE Foundation, along with AIChE leaders, volunteers and members everywhere, has reflected on the profession's lasting achievements as we look ahead to our second century of professional excellence and innovation.

In the spring of 2007, the AIChE Foundation launched the Centennial Celebration Campaign to raise funds for educational outreach, a comprehensive slate of symposia, enhanced student programs and competitions, distinguished recognitions and other celebrations throughout the year.

Due to the generosity of individual and corporate donors and the tireless fundraising efforts implemented by the AIChE Foundation Board of Trustees, the Centennial Celebration Campaign was a success, reaching its goal of \$150,000 and enabling AIChE to initiate many new programs for members and the public.

<u>Chairman's</u> Lette

The AIChE Foundation Board of Trustees has also established a new planned giving society, the AIChE Legacy Society, to honor all those who have taken the special step of including AIChE in their long-term giving plans. As Chairman of the Board of Trustees and Past President of the Institute, I am proud to announce that since the fall of 2007 over 20 founding members have joined the AIChE Legacy Society to provide lasting support for the profession.

Another new program, administered by the AIChE Foundation Board of Trustees, which has already had an immediate impact on the profession, is AIChE's Student Membership Initiative, AIChE "ScaleUp". AIChE ScaleUp is a corporate sponsored program which offers free AIChE membership to all undergraduate students taking any chemical engineering course. Thanks to the generous support and leadership of platinum sponsor BP and gold sponsors Air Products, Dow, DuPont, Merck, Praxair, Rohm & Haas and UOP, AIChE has increased student membership from 3,000 to over 12,000 students in its inaugural year. This increase in student members has also made way for new and improved programs and benefits to enrich the undergraduate experience of these future chemical engineers.

The AIChE Foundation Board of Trustees developed this annual report as a means to communicate to AIChE members the multitude of programs and activities which have been initiated and/or enhanced due to your generosity and personal commitment to AIChE. Without you and the exceptional support from our corporate friends, AIChE would not be able to continue to thrive as the global leader of chemical engineering education and practice.

On behalf of the entire Institute, I want to thank you all for your ongoing and invaluable support of AIChE. Further, I am looking forward to 2009 and launching our new campaign, "Supporting the Transition: Students-to-Professionals", which will raise funds to provide AIChE young professionals with the experience and resources they need to transition into the working world.

> Thomas F. Edgar Chair, AIChE Foundation Board of Trustees

Thom Feyn



AIChE, founded in 1908, is a professional association of more than 40,000 chemical engineers worldwide. AIChE fosters and disseminates chemical engineering knowledge, supports the professional and personal growth of its members, and applies the expertise of its members to address societal needs and improve the quality of life.

AIChE Vision

- Provide value to the global leaders of the chemical engineering profession.
- Provide value as the lifetime center for professional and personal growth as well as the security of chemical engineers.
- Provide value as the foremost catalyst in applying chemical engineering expertise in meeting societal needs.

AIChE Mission

- To promote excellence in chemical engineering education and global practice.
- To advance the development and exchange of relevant knowledge.
- To uphold and advance the profession's standards for ethics and diversity.
- To enhance the lifelong career development and financial security of chemical engineers through products, services, networking, and advocacy.
- To stimulate collaborative efforts among industry, universities, government, and professional societies.
- To encourage other engineering and scientific professionals to participate in AIChE activities.
- To advocate public policy that embraces sound technical and economic information that represents the interest of chemical engineers.
- To facilitate public understanding of technical issues.
- To achieve excellence in the operation of the Institute.

AIChE Strategic Plan Summary

As AIChE enters its second century, the development of a long range strategy for the Institute is critical. To this end, the Board of Directors commissioned a major review which resulted in a strategy document that was approved by the Board of Directors at the April 2008 meeting. The document identifies five strategic goals and three enabling goals with a completion time horizon of 5 years.

Strategic Goals

- Become a global organization of chemical engineering practitioners.
- Strengthen industry and technology groups; create new groups where needed to support the diverse interests of all members.
- Aggressively develop innovative new products and services for members centered on webbased technologies.
- Engage with others to improve the undergraduate curriculum in chemical engineering and promote life-long learning.
- Impact societal issues by informing the public and government about complex technical issues.

Enabling Goals

- The identification of alternative business plans that rely less on membership dues. These plans will commit the Institute to no increase in the level of dues for the next five years.
- 2) Make membership in AIChE more inclusive.
- 3) Improve the operational effectiveness of AIChE.

AIChE

The AIChE Foundation raises funds to support projects and activities that further the Institute's mission. Through the generosity of AIChE members and our partners in industry, the AIChE Foundation facilitates the development and implementation of new and enriched programs for members and the public.

Funds raised by the AIChE Foundation have supported initiatives to interest K-12 in chemical engineering and increase public awareness of the contributions chemical engineers make to our quality of life. Ongoing programs administered by the AIChE Foundation include scholarships and support of activities for students, young professionals, women and minority chemical engineers.

The AIChE Foundation is governed by the AIChE Foundation Board of Trustees and operates under the auspices of the AIChE Board of Directors. The AIChE Foundation is not a separately incorporated entity but is a business activity of AIChE.

In 2006, the operational structure of the AIChE Foundation was enhanced to better coordinate AIChE's volunteer-driven fundraising activities. These changes have allowed the AIChE Foundation to more actively meet the growing demands of existing programs and new initiatives, as well as support the development of the Institute's strategic goals. The AIChE Foundation Board of Trustees has been organized into five smaller Foundation Committees, each focusing on specific activities. Committee activities are overseen by the AIChE Foundation Executive Committee. All Foundation activity follows established Operating Guidelines.

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AIChE Foundation– Overview & Governance

AIChE Foundation Committees

Large Campaign Committee, Chair, Thomas F. Edgar This committee's purpose is to coordinate and actively participate in large gift solicitations, from both industry and individuals, on behalf of the AIChE Foundation. Additionally, it reviews large gifts to the AIChE Foundation and presents any conflicts to the AIChE Board of Directors. Also, it works with other AIChE Foundation committees to create and manage an AIChE donor list.

Annual Campaign Committee, Chair, Scott D. Love

This committee's purpose is to identify AIChE Foundation fundraising needs and implment an annual campaign. The committee directly supports the annual campaign through active participation in all fundraising efforts by working with other AIChE Foundation committees. This will help to ensure efficient administration and marketing of the annual campaign.

Planned Giving Committee, Chair, Glenn E. Taylor

This committee's purpose is to develop and implement a planned giving program for the AIChE Foundation. The AIChE Foundation will support the program by marketing it to planned giving prospects and secure planned gifts through bequests, life-income gifts, and other deferred giving arrangements. **Recognition Committee, Chair, Thomas R. Hanley** This committee's purpose is to create programs and implement initiatives to recognize AIChE donors. Additionally, the committee works on improving relationships between the AIChE Foundation's Board of Trustees and AIChE Foundation donors. Finally the Recognition Committee continually works with other AIChE Foundation committees to develop new donor recognition programs via increased communications, networking opportunities, and special events.

Grant Writing Committee, Chair, Alfred E. Wechsler

This committee's purpose is to research and recommend potential grant funding opportunities for the AlChE Foundation. The Committee also participates in the written development and fine-tuning of all grant proposals. Additionally, the Grant Writing Committee works with other AlChE Foundation committee members on identifying AlChE Foundation projects and programs that are eligible for this type of funding.

AIChE

This year marks a "century of triumphs" for AIChE and the chemical engineering profession. Over the past 100 years, AIChE and its members have been part of every major development in the modern world, from improving medicines to developing more environmentally friendly fuels. Because of this, AIChE members can truly say that they have created new products that positively touch all aspects of our lives. To support programs that recognize these achievements, the AIChE Foundation launched the Centennial Celebration Campaign in the spring of 2007.

Going forward, the Centennial Celebration Campaign will realize the future promise of the profession through educational outreach programs, a comprehensive slate of symposia, student competitions, online recognitions and other celebrations throughout this year.

Due to the generosity of individual and corporate donors, the AIChE Foundation is happy to announce that the Centennial Celebration Campaign has successfully met its fundraising goal of \$150,000. This has enabled us to initiate many centennial programs and activities. We want to thank each and every person who has contributed to the campaign for their dedication and commitment to AIChE. (see pg. 10)

One major highlight of the AIChE Centennial Celebration was the development of a new website, "Innovation at Work: Chemical Engineers in Action". The site, developed with the Chemical Heritage Foundation, explores chemical engineering's achievements, innovations and new frontiers in ways that should appeal to the general public and high school students.

CEP magazine has published a series of special recognition articles highlighting the history of the chemical engineering profession. A sampling of some the articles includes "100 Modern Era Engineers" as well as "50 Heritage Chemical Engineers", "40 Mileposts of Progress", and the "Profession's Achievements". All the CEP articles can be found online at www.aiche.org/100

Over 30 schools have honored their chemical engineering alumni for the wisdom, expertise and quality work they bring to the profession. The schools have also honored their alumni for the dedication they have inspired among the many generations of chemical engineering students.

The AIChE Centennial Celebration has been a year-long opportunity to incorporate the student's perspectives on the future of chemical engineering. To that end the students will be celebrated for their intellectual as well as their creative talents through special competitions and awards. All awards will be presented to the students at the Annual Student Conference.

Student highlights include:

The Student Video Contest, sponsored by the Computing and Systems Technology (CAST) Division Group 10e (Information Technology).

The Spirit of the Centennal Award which will be presented to the Student Chapter Chem-E-Car Team whose entry best exemplifies the 100 year history of AIChE and the profession.

The Centennial Costume Competition which will take place at the Student Bash and will pay tribute to the styles prevalent in 1908 to present.

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Centennial Campaign Donors- Thank you for your generous support and professional commitment to AIChE.

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AIChE 2009 New Annual Campaign: Supporting the Transition: Students-to-Professionals

Investing in the future of chemical engineering is about investing in young people as they transition into the working world. Young professionals are on the forefront of a discipline that's full of exciting possibilities as well as global challenges.

AIChE's new member supported campaign "Supporting the Transition" is designed to ensure that young chemical engineering professionals are confident, prepared and supported as they enter into this rapidly changing workplace.

"Supporting the Transition" will raise funds to provide AIChE young professionals with new products and member benefits specifically devoted to their needs, including: online career development training and webinars; enhanced publications and newsletters; as well as non-technical resources in the areas of personal finance and insurance.

AIChE®

Through the continued support of AIChE members the Foundation has facilitated the development and refinement of many AIChE projects. These projects have helped increase public awareness, advocacy and interest in the continued contributions that chemical engineers make to the quality of life.

Student Programs

Voluntary contributions given to AIChE's Student Programs help to promote all related activities and enhance scholarship/award programs which include career development opportunities.

This year, the AIChE Foundation received a very generous memorial donation from the Cameron family in honor of the late Gordon A. Cameron. The donation went toward the John J. McKetta Scholarship for undergraduate chemical engineering students. The Cameron family are true champions of education...AIChE couldn't be more grateful for their support and generosity.

Minority Programs

The Minority Affairs Committee, (MAC), promotes activities that encourage the education and training of minorities in engineering disciplines. This is achieved through the development of student scholarships and mentoring programs.

Voluntary contributions given to AIChE's Minority Programs help support all MAC projects as well as all multiple awards and scholarship programs. The AIChE Foundation would like to give a special thank you to the FMC Corporation for their generous and ongoing support of MAC activities over the past ten years.

Women's Initiatives

The Women's Initiatives Committee, (WIC), promotes the entry, development, and full participation of women in the Institute as well as the profession.

WIC is committed to the development and enhancement of resources for women.

WIC is also committed too the development of a networking environment as a means to facilitate opportunities for all woman to increase their visibility within AIChE and the profession. Additionally, \$15K was used towards scholarships and travel grants. Also for 2009 new on-line courses are in development.

Voluntary contributions given to AIChE's Women's Initiatives can help WIC develop and distribute resources that support women in the profession.

Where the Need is Greatest

In addition to funds earmarked for designated activities the AIChE Foundation also seeks to raise funds that are unrestricted. The AIChE Foundation Board of Trustees controls the allocation of these funds and directs them to high priority activities and programs.

In 2006, \$29K of Where the Need is Greatest funding was approved by the Board of Trustees to support AIChE's Student Membership Initiative, AIChE ScaleUp.

AIChE Foundation Continued Member Support

In 2007, \$25K was approved to launch the AIChE Energy Prize, which will be awarded for the first time at the 2008 AIChE Annual Student Conference. The AIChE Student Energy prize is just one of several planned initiatives focused on developing innovative solutions to today's energy challenges. In 2008, \$30K of Where the Need is Greatest funding was approved by the Board of Trustees to support the new annual campaign "Supporting the Transition: Students-to-Professionals". Lastly, \$10K was allocated for additional Minority Affairs Committee (MAC) program funding.

WISE Internship Program

AIChE participates in the Washington Internship for Engineering Students program (WISE). WISE is a highly competitive program in which outstanding engineering students are selected to spend nine weeks in a special summer program in Washington, DC. The students learn how government officials make decisions on complex technological issues and how engineers can contribute to legislative as well as regulatory public policy decisions.

Thanks to the generosity of the following individuals who supported the WISE program.

Shank you

Basil C. Doumas David E. Gushee John P. Sachs Otis A. Shelton

WISE Supporters

AIChE Foundation Cumulative Giving Donor Recognition Program

AlChE Foundation activities would not be possible without the ongoing support of key donors. To acknowledge and thank these individuals for their extraordinary dedication, the AlChE Foundation Board of Trustees has established the AlChE Cumulative Giving Donor Recognition Program.

This program allows AIChE to continually build value for members by providing greater resources to improve programs for its members and the broader public.

The program has recognized cumulative giving to the AIChE Foundation activities and campaigns since 1994.

AIChE

The donor recognition levels set by the Board of Trustees are as follows.

Diamond (\$100,000-) Platinum (\$50,000-) Gold (\$25,000-) Silver (\$10,000-) Sustainer (\$5000-) Sponsor (\$2,500-)

The names of donors who have reached these giving levels and wish to be recognized appear below. Additionally, donors who attend AIChE National Meetings are presented with a donor recognitition ribbon.

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Platinum

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Gold

Richard E. Emmert Deborah L. Grubbe James M. Johnson Scott D. Love James B. Porter Warren G. Schlinger Darlene S. Schuster James A. Trainham Silver

Andreas Acrivos Calvin B. Cobb Hugh D. Guthrie* Thomas F. Edgar Bruce A. Finlayson Thomas R. Hanley Arthur E. Humphrey Harold S. Kemp Pierre R. Latour Darwin A. Novak, Jr. Arnold F. Stancell Edward F. Take Glenn E. Taylor Alfred E. Wechsler Vern W. Weekman

Sustainer

Robert F. Anderson Henry T. Brown Charles R. Cutler James R. Deam Dianne Dorland Gerhard J. Frohlich Marvin E. Gibbs Joseph P. Glas Dale L. Keairns C. Judson King Peter B. Lederman Norman N. Li Mary J. Markette Thomas R. Marrero James F. Mathis Edward R. H. McDowell Emmett R. Miller John W. Prados Sidney F. Sapakie Otis A. Shelton Darsh T. Wasan

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AIChE Corporate Support: ScaleUp

AIChE's corporate partners enable the AIChE Foundation to facilitate the development of large-scale initiatives designed to promote excellence in chemical engineering education, research and practice.

AIChE ScaleUp, launched in 2007, is a new initiative designed to enhance the relationship among undergraduate students, industry and AIChE.

Thanks to the generous support and leadership of Platinum Sponsor BP and Gold Sponsors Air Prod-

ucts, Dow, DuPont, Merck, Praxair, Rohm & Haas and UOP- AIChE has increased student membership from 3000 to over 12,000 students in its inaugural year. This increase in student members has also made way for new programs and benefits to enrich the undergraduate experience of these future Chemical Engineers.

ScaleUp Sponsors



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AIChE Legacy Society- Planned Giving Program

Overview

The AIChE Legacy Society was established in 2007 to honor all those who have taken the special step of including AIChE in their long-term plans through a bequest provision, life-income gift, or other deferred giving arrangement.

The AIChE Legacy Society promotes the tradition of generosity and personal commitment to furthering the goals of the Institute by providing lasting support for future programs that benefit the chemical engineering profession.

AIChE Legacy Society Founding Members

The AIChE Foundation would like to thank every founding member of the AIChE Legacy Society for their generosity, foresight and extraordinary personal commitment to AIChE.

An Invitation to Join the AIChE Legacy Society

Members of the AIChE Legacy Society have expressed their commitment to AIChE through a very special and important form of financial support.

These donors have named AIChE as the ultimate beneficiary of a planned gift. Such gifts might include a bequest or charitable income gift as well as charitable gift annuities, charitable remainder unitrusts, and gifts of life insurance.

AIChE would like to thank you for your generosity by including you in the AIChE Legacy Society and encourage others to join.

- John C. & Katherine L. Chen Edward L. Cussler Dianne Dorland Basil C. Doumas Thomas F. & Donna P. Edgar Richard Fielitz Deborah L. Grubbe & James B. Porter Sheldon E. & Anita Isakoff Raphael Katzen Dale L. & Von Keairns Peter B. Lederman
- Roberto Lee Edward R. H. McDowell Soni O. Oyekan Stanley I. & Carol J. Proctor Charles E. Reed John P. Sachs Darlene S. Schuster Warren D. & Diane H. Seider John A. Sofranko & Carol S. Lee George C. Szego Glenn E. Taylor

AIChE Foundation Financials

Total AIChE Foundation Financial Results Year-End 2007

(\$K)	Centennial Fund	Where Need is Greatest	Energy Prize	Administration	Minority Programs	Student Programs	Women's Initiatives	WISE Internship	ScaleUp	Total Foundation
Open Balance	135	33	0	0	8	0	91	0	29	296
Revenue	94	111	25	0	32	29	28	5	120	444
Expense	(7)	(0)	0	(74)	(24)	(29)	(15)	(0)	(77)	226
Net	87	111	25	(74)	8	0	13	5	43	218
Ending Balance	222	144	25	(74)	16	0	104	5	72	514



Total: \$514K

AIChE®

2008 Foundation Report

The AIChE Foundation has truly grown into an active and successful fundraising arm of the Institute. This is due to the philanthropic leadership from AIChE Foundation donors.

The funds that have been raised over the course of the past year have generated revenues for new and improved programs that are critical to AIChE's financial well-being and long-term success.

We look forward to the continued support and growth of ScaleUp, as well as a successful launch of our new annual campaign for 2009, "Supporting the Transition Students-to-Professionals". These programs will help provide today's AIChE students and young professionals with the resources and experience they need to transition into tomorrows working chemical engineers.

Going forward, the AIChE Foundation will continue to work hard on raising funds to further the Institute's mission. For this, the AIChE Foundation will need the continued support of all our friends.

Finally, AIChE would like to thank our individual and corporate donors, volunteers, and the Board of Trustees for your continued support and involvement in AIChE's fundraising activities.