

# Asphalt Institute Foundation Mission

"To conduct strategic research
and educational activities
that are designed to advance and improve
both the liquid asphalt industry
and the welfare of the general public."

asphaltfoundation.org



2019 may well be remembered as the year when legacy gifts to the Asphalt Institute Foundation made a turn – with more than \$1,600,000 in contributions and pledges. These gifts enable the foundation to make major strides in accomplishing our mission through the fulfillment of our programs.

Strategic research for the advancement of the binder industry received a major boost with an ExxonMobil contribution in April during the Asphalt Institute's gala dinner at the Union League Club of New York, where the organization was celebrating its Centennial year.

During our summer meeting in Chicago, The Heritage Group made a major gift in honor of Fred M. Fehsenfeld, Sr. – also for strategic research purposes.

Bill and Shireen Kirk's legacy gift in December enabled the creation of the Kirk Scholars scholarship program, which will award its first scholarships to students in early 2020.

We encourage you to read more about each of these significant contributions later in this report as they are vital in helping us achieve our vision. It is exciting to capture the enthusiasm within these companies and individuals as they relay their hope for the future of our people and the industry they join.

For the last several years, we encouraged contributions to AIF via a 'brick by brick' capital campaign and were delighted to dedicate the AI Foundation Courtyard in October. This program enabled both individuals and companies to contribute towards the ideals of the foundation while being part of a lasting tribute to their gifts.

Importantly, a foundation isn't principally about its funding – it's about what is done with those gifts – initiating positive change.

We see this when our programs educate student interns on the potential careers within the asphalt industry. We see it through the hard work of our research committee and the tremendous response to our call for proposals on strategic research.

The AI Foundation is making a difference. Learn how the generosity of donors can advance these programs to meet tomorrow's opportunities.



Austin Miller AIF Chair

Peter T. Grass, P.E., CAE

AIF President



# **Asphalt Institute Foundation Internship Program**



Austin Hamlett (Owens Corning) and Mamadou Balde (ExxonMobil).

The Asphalt
Institute
Foundation
focused its sights
on continued
expansion of
the internship
program in
2019. For the
fourth straight

year, AIF saw growth in the number of interns participating in the program. A total of ten interns from four AI member companies took part in the two-day program at the Asphalt Institute Headquarters on June 19-20.

The objective of the internship program is to attract new professionals to the asphalt industry by providing realworld experiences, along with professional networking opportunities. While in Lexington, member company interns took part in "Asphalt 101" via presentations and demonstrations that included tours of the binder and mixed design laboratories. In addition, students learned about the organizational significance of the Asphalt Institute and the Asphalt Institute Foundation. Other program highlights included key tips on making the most of an internship experience, as well as

an asphalt industry career panel discussion and Q&A session.
The panel discussion was moderated by AIF Education Committee Chair, John Barrington (U.S. Polyco, Inc.) and included Kevin Carlson (Jebro Inc.),

Gayle Fee (Flint Hills Resources, LP), Pete Grass (Asphalt Institute) and Frank Wilson (Gardner Asphalt Corporation). Each panelist shared their unique story, personal and professional experiences and educational path that led to their current position within the asphalt industry.



Adrian Davila (Owens Corning) and Josi Minor (Jebro Inc.) attend the Al Summer Meeting.

Two interns who participated in the 2019 program in Lexington also attended the AI Summer Meeting in Chicago, IL. This first-hand



Madison Pohl, Al's Senior Asphalt Binder Technician, speaks with the interns during their visit.

experience allowed them to gain an understanding of the importance of a trade association. While at the meeting, they took part in committee sessions and networked with asphalt industry professionals. The interns were recognized at the President's Luncheon with certificates signifying completion of the 2019 AIF Internship Program.

The foundation will welcome its fifth class of interns to the Asphalt Institute Headquarters



### **University Textbook Program**

Since 2017, more than
2,300 eBook and hardcopy
publications have been provided
to undergraduate and graduate
level engineering students
across the United States through
AIF's University Textbook
Program. The goal of the
textbook program is to assist
university professors and
students with asphalt industry
resource manuals and reference
material that will enhance their
classroom studies of asphalt
pavement engineering.

Throughout 2019, the Asphalt Institute Foundation worked with an outside consultant to develop asphalt technology teaching modules that will be utilized alongside AI's technical publications to teach asphalt engineering basics. Phase I of the project includes the development of six 50-minute lessons that a professor could utilize as part of a general materials course for undergraduate civil engineering curriculum utilizing AI's publication, MS-2: Asphalt Mix Design Methods. Curriculum topics include flexible pavements

overview; asphalt mixture materials; design of asphalt mixtures; and compaction and volumetric properties. Completion of phase I is set to conclude in the spring of 2020.

Funding of this project would not be possible without the \$40,000 grant awarded to AIF by MDU Resources Foundation and Jebro Inc., in the spring of 2018. The grant funds will also allow the foundation to implement two additional phases of the University Textbook Program. Phase II of the project will allow laboratory modules to be developed that will complement the undergraduate lectures. Phase III will focus on developing a graduatelevel course focused entirely on asphalt materials.





During the past year, the Asphalt Institute Foundation's Research Committee has worked diligently to develop research needs statements for research areas that were identified during the inaugural Strategic Asphalt Research (STAR) Symposium held in Colorado Springs, CO, in May 2017.

Last summer, the committee issued a "call for proposals" process for research needs in the areas of durability and sustainability. A total of 14 research proposals were



ai/

submitted from 12 different groups located within the United States and abroad. After a thorough review process, the AIF Research Committee recommended that an asphalt sustainability research contract be awarded to the University of Washington. The AIF Board of Directors approved this award at their December meeting in San Diego, CA.



one to two new research needs statements for future research projects. The committee will also continue to work with AIF's Development Committee to secure research funding for these future strategic projects.



# 2021 Strategic Asphalt Research (STAR) Symposium

The Asphalt Institute Foundation is making plans for the second Strategic Asphalt Research Symposium (STAR) to be held May 11-13, 2021, at the W Atlanta-Midtown in Atlanta, GA.

areas and topics that will lead to breakthrough change for the future of the asphalt industry. The foundation looks forward to hosting individuals from around the world in Atlanta,

GA, to discuss the asphalt technology of tomorrow.

A special thanks goes to ExxonMobil Imperial for their support of the AI Foundation by serving as the first sponsor of the 2021 STAR Symposium.







The planning efforts for this quadrennial event are being led by AIF Vice Chair Steve Buckner (Flint Hills Resources, LP) who serves as chair of the ten-member STAR Symposium Planning Task Force.

The three-day event will focus on identifying strategic research









# **Legacy Gifts to the Asphalt Institute Foundation**

Legacy gifts to the Asphalt Institute Foundation enable donors to create a philanthropic legacy by making an impact in a permanent and prominent way on the foundation's education and research initiatives. Planned giving opportunities, with naming rights, are available for the Asphalt

Institute's building, laboratories, library and conference room.
A legacy gift allows corporate or individual donors an opportunity to support those programs that reflect their values and desires while making a lasting impact.





# **Charitable Gifts to the Asphalt Institute Foundation**

In 2019, the Asphalt Institute Foundation was honored to be the recipient of \$1.6 million dollars in charitable funds that will promote and support educational and research opportunities. Thank you to these individuals and AI member companies who are championing AIF's mission of advancing and improving the liquid asphalt industry.

# April 2019 \$500,000 Gift from ExxonMobil

A \$500,000 research grant provided by ExxonMobil to the foundation supports strategic research to improve the durability of asphalt binders and pavements, while ensuring that future highways remain sustainable. Since the foundation's inception, ExxonMobil has been an engaged participant and active supporter of the Foundation's internship program, STAR Symposium and charitable events and giving opportunities. With



Ralph Shirts (ExxonMobil), AIF Chair Austin Miller, Avilo Oliva (ExxonMobil) and AIF President Pete Grass at the AI Centennial Gala in New York City.

ExxonMobil's generous gift, the foundation will be able to make continual advancements within the industry.





# **August 2019 - \$600,000 Gift from The Heritage Group**



With a goal of promoting innovation in the asphalt industry, The Heritage Group announced a contribution of \$600,000 to establish the Fred M. Fehsenfeld, Sr. Catalyst for Change Initiative. The donation honors the late Heritage Group founder who was a tireless asphalt industry

supporter and philanthropist. The initiative will fund research and education that promotes advancement in the areas of public procurement innovation; transportation system design; asphalt pavement testing methodology; health, safety and environmental stewardship; and more.



# December 2019 - \$500,000 Gift from Bill and Shireen Kirk

At the Asphalt Institute's Annual Meeting in December, Bill and Shireen Kirk announced a \$500,000 endowed gift launching the **Bill and Shireen Kirk Scholarship Fund**. The gift will assist need-based applicants pursuing degrees in business, chemistry,

civil engineering, construction management, marketing or sales, with their higher education expenses. Recipients will be known as Kirk Scholars, with the first scholarships awarded for the 2020-21 academic school year.



AIF President Pete Grass with Shireen and Bill Kirk at the Al Annual Meeting in San Diego, CA.



On October 9, 2019, the Asphalt Institute Foundation Board of Directors dedicated the AIF Courtyard located at the entrance of the Asphalt Institute Headquarters in Lexington, KY. The courtyard dedication marked a pinnacle in the AI Foundation's development efforts. Since the launch of the Brick by Brick Campaign in 2016, more than \$215,000 was raised enabling the foundation to make an impact on its education and research initiatives.

Engraved brick pavers located in the courtyard recognize AI members, industry leaders, friends and donors of the Asphalt Institute Foundation. The AIF Courtyard will be seen annually by hundreds of individuals and students from across the world who visit AI's Headquarters to advance their asphalt knowledge.

Thank you to all who supported this endeavor that allowed the foundation to raise vital funds to expand our programming for future industry leaders.













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<sup>\*</sup> Anonymous donors contributed to the purchase of these bricks.



The fifth annual Asphalt Institute Foundation Golf Scramble was held at Maderas Golf Club in Poway, CA, on December 11, 2019. Held in conjunction with the Asphalt Institute's Annual Meeting, a total of 143 golfers from 64 AI member companies participated in this charitable event.

The scramble raised a total of \$60,290 for the Asphalt Institute Foundation – a new record since the tournament began in 2015. Charitable funds raised from this annual event now total more than \$231,580. These achievements would not be possible without corporate and individual donors who support the foundation through the purchase of awards dinner reserved tables, event

sponsorships, golf registrations and mulligans. Thank you to the many Asphalt Institute member companies for your continued support of this signature event for the foundation!

A special thanks goes to the members of the 2019 AIF Golf Task Force who worked diligently to plan and execute a fantastic event for all participants!

# 2019 Asphalt Institute Foundation Golf Task Force

**Rob Treece**, Chair *U.S. Oil & Refining Co.* 

**Austin Miller**, Board Member Representative *World Oil Corporation* 

Janelle Barrientos

Flint Hills Resources, LP

**Lora Collins** 

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# Thank You to the Asphalt Institute Foundation's **2019 Golf Scramble Sponsors**

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#### Education

- A total of 28 students from
   9 AI member companies have participated in the AIF
   Internship Program since 2016.
- More than **2,300** eBook and hardcopy technical publications have been provided to undergraduate and graduate level engineering students through the University Textbook Program.



#### **Golf Scramble**

- This annual event has raised over \$231,500 for the foundation since 2015.
- A total of 143 individuals from 64 AI member companies participated in the 2019 golf scramble. This event raised a record \$60,290 for the foundation's programming efforts.



#### Research

- A 10-member STAR

  Symposium Planning Task

  Force, led by AIF Vice Chair

  Steve Buckner, is making

  plans for the 2021 Strategic

  Asphalt Research Symposium

  in Atlanta, GA. The event

  will take place at the W

  Atlanta- Midtown hotel,

  May 11-13, 2021.
- A total of 14 research proposals from 12 groups in the areas of durability and sustainability were considered by the AIF Research Committee for funding in 2019.



#### **Contributions**

- Since 2014, there have been more than 230 corporate and individual donors to the foundation.
- A total of 14 donors have been recognized as Asphalt Institute Foundation Fellows for contributing more than \$10,000 since the foundation began.
- In 2019, the AI Foundation received more than \$1.65
   million dollars in pledges and contributions from generous donors supporting AIF's education and research initiatives.

An annual audit of the financial records of the Asphalt Institute Foundation is performed by Dean Dorton, Certified Public Accountants. A copy of the audit report is available for review at the Asphalt Institute's headquarters in Lexington, KY.

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Program &

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The Asphalt Institute
Foundation extends
sincere appreciation and
thanks to the following
individuals for their
service on the board
of directors:

#### Bill Kirk

Associated Asphalt 2017-2019

#### **Bob Cheever**

Jebro Inc. 2019



Members of the 2019 AIF Board of Directors.

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