

ASPHALT INSTITUTE FOUNDATION MISSION
To conduct strategic research and educational activities that re designed to advance and improve the liquid asphalt industry."
sphaltfoundation.org

We are proud to serve as your 2018 Chairman and President respectively and know that the foundation's efforts both in terms of time and money are making a positive impact on the binder industry. Asphalt Institute member companies and individual supporters of the Foundation are vital to ensuring that future generations will benefit from the strides being made to advance our profession.

The Asphalt Institute Foundation was well served by its former Chairman Ralph D. Shirts, a 2017 Asphalt Institute Roll of Honor recipient. Ralph served on the initial foundation board of directors and was the catalyst for its creation. The 2018 foundation board is proud to continue the mission.

The foundation's achievements in 2017 were remarkable. The STrategic Asphalt Research (STAR) Symposium held in Colorado Springs, Colorado in May will be remembered for its signature importance in breaking away from the norm and creating the environment for discussions which will have lasting impacts on the future of our business.

Greg Malarkey, who served as the 2017 AIF Vice Chairman and Research Committee Chairman, worked diligently to ensure the STAR Symposium was a success. Many of you helped him champion the cause with contributions of sponsorship and talent. Thank you for both. It's safe to say that the STAR Symposium epitomizes what the founding board members envisioned this foundation could achieve

AIF's initial work to put textbooks into the hands of engineering students became a reality for a few schools in 2017. We're continuing this initiative thanks to a generous multi-year grant from the MDU Resources Foundation. This program will build the professor training materials, student coursework, and digital textbooks enabling the foundation to expand our reach to schools nationwide at a fraction of the cost of printed materials.

The second annual AIF Internship Program attracted five outstanding students from AI member companies who took part in a two-day program aimed at showcasing career opportunities available in the asphalt industry. The students took part in hands-on activities in AI's laboratories, in addition to learning more about the mission and work of the institute and the foundation. We anticipate this program will continue to gain popularity with

increased AI member company participation that allows AIF to invest and educate the next generation of leaders for the industry. We encourage you to learn more about how your company can participate in the 2018 program.

Your support of our annual golf tournament in conjunction with the Asphalt Institute's annual meeting is remarkable. Sold out since inception and enjoying tremendous sponsor support, this annual fundraising event generated over \$40,100 in 2017. Thank you.

Corporately and individually you've supported the foundation's Brick By Brick Campaign. This program will close this December but we have time to reach our goal. You can help by ensuring your company is part of the effort. We challenge everyone to consider a brick purchase individually. We've all benefitted from this great industry we're in. Give some back. A brick enables the foundation to:

- Put asphalt textbooks into the hands of students
- Fund the AIF Internship Program enabling us to showcase our industry to the next generation of workers
- Create opportunities for breakthrough research benefitting the binder industry
- Show your support to the thousands of professionals which enter the Asphalt Institute headquarters annually for training
- Serve as your legacy of thanks to a grateful foundation

We're making a real impact for a brighter future. Thank you for your support!





Austin Miller
AIF Chairman

Peter T. Grass, P.E., CAE

AIF President

EDUCATION

The second annual Asphalt Institute Foundation summer internship program was conducted at the Asphalt Institute Headquarters in Lexington, KY, on June 13-14, 2017. The goal of this annual program is to attract new professionals

to the asphalt industry by providing real-world experiences, along with professional networking opportunities.

The foundation hosted five students from three Al member companies

for the two-day event. While in Lexington, the member company interns learned about the Asphalt Institute, the Asphalt Institute Foundation, and received guidance on how to make the most out of an internship. The students also took part in binder and mix design laboratory tours and demonstrations, as well as honing their communication skills

by participating in mock job interviews.

The Asphalt Institute
Foundation looks forward
to the continued success
of this program through
increased Al member
company participation

in the years ahead. The 2018 Asphalt Institute Foundation Internship Program will be June 20-21 at the Al Headquarters in Lexington.





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EDUCATION

In the fall of 2017, the Asphalt Institute
Foundation conducted the University Textbook
Program, an education-focused pilot project,
with three universities: Iowa State University,
the University of Arkansas and the University
of Idaho. The goal of the pilot program was
to assist university professors and students
with asphalt industry resource manuals
and references that would enhance their
classroom learning with a more robust study
of asphalt pavement engineering. A total
of 143 undergraduate and graduate level
students from these universities were provided

with hardcover and eBook Asphalt Institute publications that supplemented their study of asphalt engineering. The publications provided cover a range of topics from asphalt mix design methods to construction of asphalt pavements to asphalt binder testing.

The Asphalt Institute Foundation subsequently applied and received a \$40,000 grant to expand the University Textbook Program over the next four years. The grant, funded by the MDU Resources Foundation, will allow the foundation to develop instructional guides for



professors that will be utilized alongside Al's technical publications to teach the basics of asphalt to engineering students. Attracting new professionals to the asphalt industry is a vital concern and the foundation remains

focused on implementing programs, such as the University Textbook Program, that will develop a future generation of workers who are equipped to innovate and lead for the benefit of the industry.



RESEARCH

A highlight of 2017 included the Asphalt Institute Foundation hosting the inaugural **ST**rategic **A**sphalt **R**esearch (STAR) Symposium, May 10-12, at The Broadmoor in Colorado Springs, Colorado. The purpose of the STAR Symposium was to instigate and stimulate conversation about over-the-horizon issues expected to affect the asphalt industry over the next two decades. In this alone, the inaugural symposium was a great success – starting a discussion that is expected to continue into the future, which will help guide research needs in new directions.

The STAR 100 – one hundred forward thinking individuals from 32 U.S. states, the District of

Columbia, and eight countries – collaborated in interactive breakout sessions on economics, performance, sustainability, worker issues and a final brainstorming session. In addition, the symposium featured a keynote address from Practical Futurist® Michael Rogers who challenged participants to think well into the future without worrying about tomorrow or the next quarter. In addition, Matthew Rochte, who also served as a co-facilitator, presented a session on Sustainability: Business Resilience and the need to make smart business decisions, while adapting and remaining creative in a complex environment.

In December 2017, the Asphalt Institute
Foundation released the 2017 STAR Symposium









Report. The 55-page report captures the ideas and discussions that were held during the three-day event in Colorado Springs. The report is available as a free eBook or PDF download from the Asphalt Institute's website, asphaltinstitute.org.

The success of the inaugural symposium would not be possible without the efforts



of many individuals including Ralph Shirts, 2017 AIF Chairman; Greg Malarkey, 2017 AIF Vice Chairman and AIF Research Committee Chairman; and members of the AIF Board of Directors and AIF Research Committee. Additionally, a special thanks goes to Martin Carlson (retired from Nynas) for serving as the inaugural STAR Symposium Chairman.

The foundation secured approximately \$71,000 in sponsorships from Al member companies to conduct the 2017 STAR Symposium. The foundation appreciates the support received from the following sponsors: ExxonMobil Imperial; Malarkey Roofing Products; Owens Corning; Phillips 66 Company; Asphalt & Fuel Supply, LLC; Ergon Asphalt & Emulsions, Inc.; Kraton Polymers; McCall Oil & Chemical Corporation; U.S. Polyco Inc.; and World Oil Corporation.

The Asphalt Institute Foundation is making plans for the next strategic asphalt research symposium. Be sure to mark your calendars for the next symposium to be held in May of 2021.



Follow on Twitter @AIFSTAR

LEAVE A LEGACY

There are many ways that donors can establish a legacy through the Asphalt Institute Foundation. A permanent and prominent way to support the foundation is through naming opportunities at the Asphalt Institute Headquarters in Lexington, KY. Naming rights to the Al building, laboratories, library and conference room are currently available. This unique opportunity allows

donors to establish a legacy and showcase their support for the foundation to the hundreds of students, members, and industry



leaders that visit the Asphalt Institute each year to advance their asphalt knowledge.







BRICK BY BRICK CAMPAIGN

The Asphalt Institute Foundation Development Committee launched the Brick By Brick Campaign in 2016. Since that time. Al member companies and industry friends have reserved

their laser-engraved bricks that will be displayed

Contributions to the Brick By Brick Campaign allow the foundation to make an impact on various education and research initiatives such as the Asphalt Institute Foundation Internship

> Program; the University Textbook Program; and, future **ST**rategic **A**sphalt Research (STAR) Symposiums.

Brick sales will continue through December 2018. The Asphalt

Institute Foundation Courtyard will be unveiled in October 2019 during the Asphalt Institute



in the Asphalt Institute Foundation Courtyard. The courtyard will be located adjacent to the centennial activities. front entrance of the Asphalt Institute BRICK-BY-BRICK Headquarters in Lexington, KY.

BRICK BY BRICK CAMPAIGN CONTRIBUTIONS

As of December 31, 2017

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naipii a Sanui

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^{*}Anonymous donors contributed to the purchase of these bricks.

2017 GOLF SCRAMBLE

The third annual Asphalt Institute Foundation Golf Scramble was held at Raptor Bay Golf Club in Bonita Springs, FL, on December 6, 2017. Approximately 144 golfers from 70 Al member companies participated in this event that was held in conjunction with the Asphalt Institute's Annual Meeting.

The 2017 scramble raised over \$40,000 for the foundation. Funds raised from the event over the past three years now total more than \$110,000. The success of the foundation's golf scramble is made possible by corporate and individual donors through the sale of sponsorships, awards dinner reserved tables, individual golf registrations and mulligans. Your ongoing support is appreciated!

The Asphalt Institute Foundation would also like to recognize and thank the members of the 2017 Golf Task Force who worked diligently to plan and conduct the foundation's largest fundraising event.

2017 Asphalt Institute Foundation Golf Task Force

Dave Blackburn, Co-Chair Asphalt Materials, Inc.

Austin Miller, Co-Chair World Oil Corporation

Randy Christian, Board Member Representative Wright Asphalt Products Company LLC

Jeremy Alexander *Asphalt & Fuel Supply, LLC*

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Awards Dinner Wine Sponsors







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Hole Sponsors

























ASPHALT INSTITUTE FOUNDATION BY THE NUMBERS



- Recipient of \$40,000 grant from the MDU Resources Foundation to expand the University Textbook Program.
- More than 250 students at three universities received asphalt engineering publications through the University Textbook Program during the fall 2017 and spring 2018 semesters.
- Since 2016, 9 students from 5 member companies have participated in the AIF Internship Program.



- **Approximately \$71,000** raised in sponsorships for the inaugural symposium.
- Over 100 attendees from 32 U.S. states, the District of Columbia and eight countries attended the 2017 event.



- This annual event has raised over
 \$110,000 for the foundation since 2015.
- A total of **144 individuals** from **70 AI** member companies participated in the 2017 golf scramble.



- There have been 78 corporate and individual donors to the foundation since 2014 from the United States and abroad.
- In 2017, **8 donors** were recognized for contributing **more than \$10,000** since the foundation's inception.

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The Asphalt Institute Foundation would like to thank the following individuals for their service on the board of directors:

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As of December 31, 2017

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\$100,000 - \$249.999

Malarkey Roofing Products

Prevost Hubbard Fellow

\$25,000 - \$49,999

All States Materials Group ExxonMobil

2014 Foundation Club Fellow

\$10,000 - \$24,999

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Union League Club Fellow

\$2.500 - \$4.999

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Pete & Dawn Grass
Husky Energy
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Ron Henry



2017 FELLOW RECOGNITION

The Asphalt Institute Foundation would like to recognize and thank the Asphalt Institute and its staff for the generous support that has contributed to the success of the foundation.

















