

Annual Report

2018



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



2018 marks just the fourth year since the Asphalt Institute Foundation was organized – and yet much has been accomplished. We’ve kept razor focus on our mission elements of strategic research to advance the asphalt binder industry and to provide educational opportunities for students at the university level – neither of which existed to this extent prior.

Our goals resonate with both individuals and companies alike, as you can see in the support given to our “Brick By Brick” capital campaign, which closed in December 2018. In October of 2019, we’ll unveil the Asphalt Institute Foundation’s Courtyard designed to showcase this support to Asphalt Institute visitors for years to come.

The annual golf scramble fundraiser, held in conjunction with the Asphalt Institute’s annual meeting, is another important source of capital funds for the Foundation’s mission – and actively and generously supported by AI member companies. We strive to make this a professional event, worthy of your time and investment. Thank you for your support.

The inaugural **ST**rategic **A**sphalt **R**esearch Symposium (STAR), held in May 2017 at the Broadmoor in Colorado Springs is spawning strategic research needs statements which will attract significant funding in 2019 enabling the vision of our initial AIF Board to reach fruition. It’s an exciting time.

Finally, our AIF Internship Program, coupled with Asphalt Institute member companies who participate – is making great strides by introducing a broad range of disciplines to promote our industry’s potential career paths. It’s making a difference – such as the experience Janki Patel, now a Colas associate, can attest. Together with a generous grant from Jebro, Inc. – we’re continuing to expand the Foundation’s program to create professor instructional tools and to put asphalt textbooks into the hands of Civil Engineering students nationwide.

Thank you for making a difference through your generous support of the Foundation. Ask us how your family can advance our progress for tomorrow’s opportunities.



Austin Miller
AIF Chair



Peter T. Grass, P.E., CAE
AIF President

Two handwritten signatures in black ink. The signature on the left is for Austin Miller, and the signature on the right is for Peter T. Grass.

The goal of the annual Asphalt Institute Foundation Internship Program is to attract new professionals to the asphalt industry by providing real-world experiences, along with professional networking opportunities. During its third annual event, the foundation hosted nine interns from six AI member companies at the Asphalt Institute Headquarters in Lexington, KY, June 20-21, 2018.

During their visit, the member company interns learned about the Asphalt Institute, the Asphalt Institute Foundation, and received tips on how to make the most of an internship experience. The students also took part in binder and mix design laboratory tours and demonstrations as well as “Asphalt 101” seminar sessions. A highlight of the two-day event, was a panel discussion about careers in the asphalt industry. Panelists Seth Hankowski (All States Materials Group), Steve Buckner (Flint Hills Resources, LP), and Amma Wakefield (Asphalt Institute) shared their unique stories and educational experience that led to their current positions.

The interns in attendance comprised a cross-section of studies including chemical, civil, geological, material science and mechanical engineering majors.

As an additional benefit of the program, three of the nine interns attended the AI Summer Meeting in Minneapolis, MN, to experience the importance of networking and educational seminars at the trade association level. The interns were recognized at the President’s Luncheon for completion of the 2018 AIF Internship Program.

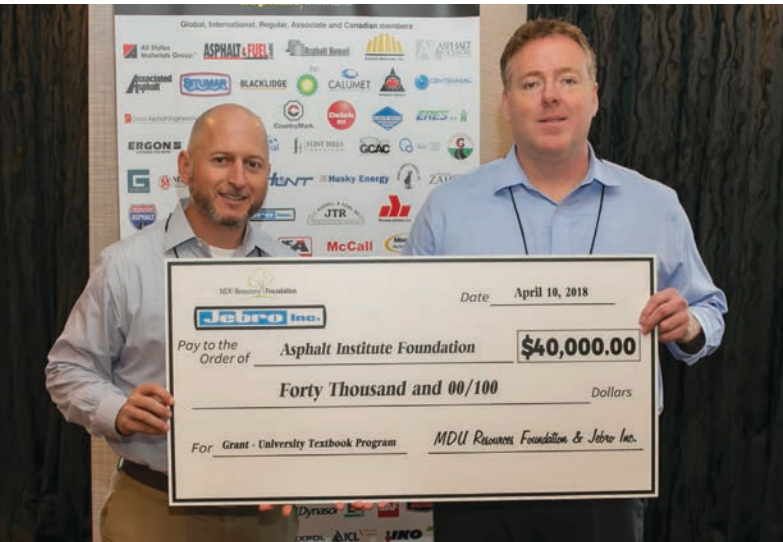
The foundation is focused on continued growth of the internship program in 2019. The fourth annual program will take place on June 19-20, 2019, at the Asphalt Institute headquarters in Lexington, KY. Additionally, interns participating in this year’s program will have the opportunity to attend AI’s Summer Meeting in Chicago, IL, August 5-8, as we continue celebrating the institute’s centennial.



2018 Asphalt Institute Foundation Internship Program Participants

During its third annual event, the foundation hosted nine interns from six AI member companies





Over the past two years, more than 1,600 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 enhancing their classroom study of asphalt pavement engineering.

In the spring of 2018, the Asphalt Institute Foundation was awarded a \$40,000 grant to expand the University Textbook Program over the next four years. The grant funded by the MDU Resources Foundation and Jebro Inc.,

will allow the foundation to develop instructional guides for professors, that will be utilized alongside AI's technical publications to teach asphalt engineering basics.

The foundation contracted with an outside consultant to develop a comprehensive professor's guide to accompany *MS-2: Asphalt Mix Design Methods*. The anticipated release for the professor's guide is mid-2019. Once the professor's guide is available, the foundation anticipates expanding the textbook program to reach more engineering students across the nation.

**University
Textbook
Program**



Janki Patel

Laboratory Engineer
Colas Solutions, Inc.



Janki Patel was one of four participants in the Asphalt Institute Foundation's inaugural intern class of 2016 representing AI member company, Colas. Upon graduation in 2018 from the University of Cincinnati with a bachelor's degree in chemical engineering and minor in mathematics, Janki joined Colas Solutions, Inc. as a Laboratory Engineer.

In this role, Janki serves as a project manager of technical studies, which includes product development, applied research and preparation of technical reports. In addition, she routinely performs tests to improve product quality, in accordance with ASTM and AASHTO testing standards and communicates with Colas' companies and laboratory about on-going testing procedures and results.

Janki's experience as an intern prepared her for her current role because she was able to learn about the complexity of asphalt as well as how to communicate test results in meetings and written reports. She was also able to develop important technical skills and learn more about performance grading and emulsion testing.

When asked about her participation in the AIF Internship Program, Janki noted that it helped her in developing skills to network with different people from various parts of the asphalt industry.

Her future goals include obtaining her MBA as well as diversifying her knowledge to learn more about pavement preservation and pavement designs. Janki's well on her way as she attended her first Asphalt Institute National Binder Technician Certification (NBTC) course this spring at AI Headquarters. We hope to see her at future Asphalt Institute meetings and events!



Building upon the success of the 2017 **ST**rategic **A**sphalt **R**esearch (STAR) Symposium, the Asphalt Institute Foundation's Research Committee went to work identifying strategic ideas that

could translate into future research projects for the foundation.

Members of the AIF board and research committee presented updates on the findings from the STAR Symposium at various conferences and events throughout 2018 including:

- Transportation Research Board Meeting, Washington, DC

- Association of Modified Asphalt Producers Meeting, Phoenix, Arizona
- Rocky Mountain Asphalt Conference & Equipment Show, Denver, Colorado
- Argus Americas Asphalt Summit, Miami, Florida
- Eurasphalt & Eurobitume Event, Berlin, Germany
- Petersen Asphalt Research Conference, Laramie, Wyoming

Throughout the year, the research committee worked to develop white papers for potential research projects in the areas of: asphalt durability, disruptive technology, HS&E, sustainability and technology implementation. Looking ahead, the committee will work to develop an RFP process for future research projects by outside organizations and entities. The research committee will partner with AIF's development committee to secure funding for these future research projects.





The Asphalt Institute Foundation board also put in place a task force to focus on plans for the next STAR Symposium. Chaired by AIF Vice Chair Steve Buckner (Flint Hills Resources, LP) this task force will start the process of planning for the next symposium that will take place in the spring of 2021. Further details about the next STAR will be available in late-2019.

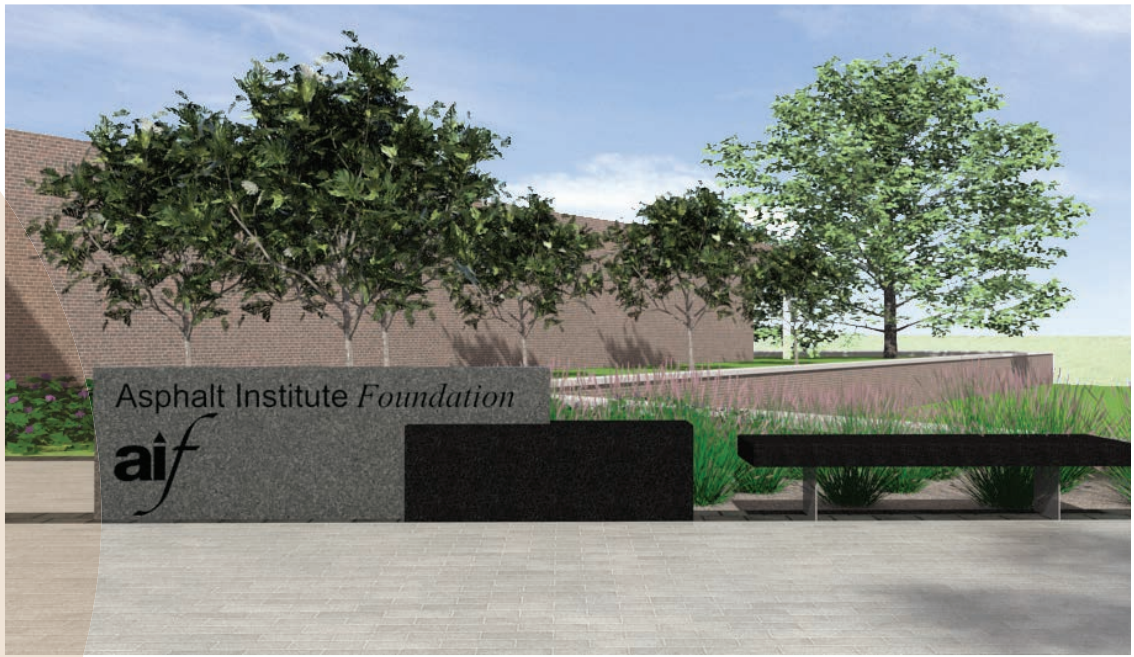


aif Leave a Legacy

Establishing a legacy gift with the Asphalt Institute Foundation is a permanent and prominent way to show support for the foundation's education and research initiatives. Opportunities for naming rights to the Asphalt Institute's building, laboratories, library and conference room are currently available. There's no better way to show support at a corporate or individual level, than through this unique opportunity. Contributor names will be showcased on a daily basis with hundreds of students, members and industry leaders who visit the Asphalt Institute.



Brick By Brick Campaign



In the summer of 2016, the Asphalt Institute Foundation launched the Brick By Brick Campaign. Since that time, AI member companies and industry friends have reserved more than 200 laser-engraved bricks that will be displayed in the Asphalt Institute Foundation Courtyard. The courtyard will be located

adjacent to the front entrance of the Asphalt Institute Headquarters in Lexington, KY.

Brick By Brick Campaign contributions enable 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, the 2021 **ST**rategic **A**sphalt **R**esearch (STAR) Symposium.



The ribbon-cutting ceremony on the newly constructed Asphalt Institute Foundation Courtyard will take place on the morning of October 9, 2019, during the Asphalt Institute's Homecoming Celebration in Lexington.



Brick By Brick Campaign Contributions

As of February 28, 2019

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**Anonymous donors contributed to the purchase of these bricks.*

aif 2018 Asphalt Institute Foundation Golf Scramble

The fourth annual Asphalt Institute Foundation Golf Scramble was held at The Golf Trails of the Woodlands in The Woodlands, TX, on December 5, 2018. A total of 145 golfers from 71 AI member companies participated in this event, held in conjunction with the Asphalt Institute's Annual Meeting.

The 2018 scramble raised a record amount of \$59,758 for the Asphalt Institute Foundation. Funds raised from the event over the past four years now total more than \$171,000.

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. Thank you for your continued support!

The Asphalt Institute Foundation would also like to recognize and thank the members of the 2018 Golf Task Force who worked diligently to plan and conduct the foundation's most successful event to date!



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Asphalt Institute
Foundation®



Asphalt Institute Foundation By The Numbers



Education

- Since 2016, **18 students** from **8 member companies** have participated in the AIF Internship Program.
- Recipient of **\$40,000** grant from the MDU Resources Foundation and Jebro Inc. to expand the University Textbook Program through 2021.
- More than **1,600 eBook and hardcopy technical publications** have been provided to undergraduate and graduate level engineering students through the University Textbook Program.



Research

- The AIF Research Committee continues its work of developing **five white papers** based on the following strategic ideas from the inaugural STAR Symposium: asphalt durability, disruptive technology, HS&E, sustainability and technology implementation.
- A **10-member STAR Symposium Planning Task Force** has been named to organize the 2021 Strategic Asphalt Research Symposium. AIF Vice Chair Steve Buckner will lead the task force charged with developing this second symposia hosted by the foundation.



AIF Golf Scramble

- This annual event has **raised over \$171,000** for the foundation since 2015.
- A total of **145 individuals** from **71 AI member companies** participated in the 2018 golf scramble. This event raised a **record of \$59,758** for the foundation's programming efforts.



Contributors

- There have been more than **215 corporate and individual donors** to the foundation since 2014 from the United States and abroad.
- A total of **11 donors** have been recognized as Asphalt Institute Foundation Fellows for contributing more than \$10,000 since the foundation's inception.

Please note that an annual audit of the financial records of the Asphalt Institute Foundation is performed by Dean, Dorton, Allen and Ford, 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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The Asphalt Institute Foundation extends sincere appreciation and thanks to the following individuals for their service on the board of directors:

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