



Happy Holidays!

From the RMC Research & Education Foundation

December 2018

Dear RMC Research & Education Foundation Donor/Supporter:

As 2018 comes to an end, we want to thank you once again for your generous support of the RMC Research & Education Foundation. It has been a landmark year, only made possible due to your leadership and belief in us.

Cue the drumroll, please.... We have achieved the Troesh Matching Gift Campaign goal of raising \$9 million in matching commitments to fully leverage the \$3 million gift pledged by the Troesh Family Foundation! The combined \$12M puts us within striking distance of becoming the lasting resource for industry research and education we've long envisioned. The commitments will be paid over the next five years, and we still have a little more to build to be entirely self-sustaining. However, this is a huge advancement for our industry, both now and for future generations to come. Thank you for helping us to achieve this incredible goal!

The Foundation's programs continue to play a major role in supporting NRMCA's Build With Strength, PaveAhead and Prescriptive-to-Performance (P2P) initiatives. The work at the MIT Concrete Sustainability Hub continues to provide science behind these efforts (visit <http://cshub.mit.edu/>). Partnerships with key allies like the National Association of State Fire Marshals on research like Project FAIL-SAFE provide credibility in our efforts to promote safer homes and buildings (see <https://www.firemarshals.org/Project-FAIL-SAFE>). Workforce recruitment and education continue to be hallmarks of our work, funding portions of NRMCA's important Online Safety Series (https://www.nrmca.org/operations/SAFETY/safety_series.htm) and the driver recruitment video, "A Day in the Life of Mixer Driver" which is currently averaging more than 1,000 views per month on YouTube (see <https://rmc-foundation.org/driver-recruitment-resources/> to access free videos and radio spots). The Guide to Concrete Overlays of Asphalt Parking Lots has influenced more than 65,000 cubic yards documented and generated \$7,150,000 in monetary value to producers. These are just a few examples; visit www.rmc-foundation.org for more information on all our programs and new releases in 2018.

We continue to hold a special place for one of our most successful co-funded programs, the Concrete Industry Management (CIM) program. RMC is proud to have supported CIM since its inception. As our industry continues to expand, this pipeline of well-educated and experienced individuals is more important than ever. See the feature article on CIM graduate Matt Arnold on page two (and see www.concretedegree.com).

Your generous investment in the RMC Research & Education Foundation continues to pay dividends, and we are truly grateful for your faith in us and our mission to improve quality, sustainability and professionalism in the ready mixed concrete industry. Happy Holidays!

Sincerely,

Julie Garbini
Executive Director

Jennifer LeFevre
Senior Director

CIM Degree Plus CIM MBA: Matt Arnold's Success Story

Matt Arnold started his work life in the ready mixed concrete industry, and decided he wanted to stay. After receiving advice from former RMC Research & Education Foundation Board chairman Dave Vickers, Matt decided to pursue a degree in the Concrete Industry Management (CIM) program. Dave, who is also a past chairman of the National Ready Mixed Concrete Association, has long been active with the CIM program, having served on the National Steering Committee and chaired the task group for the development of the CIM Executive MBA program, so it was clear to Matt that Dave would not steer him wrong.

While Matt had already been in the ready mixed concrete industry for years when he decided to pursue his CIM degree, he knows the education he received has been a key to his success, noting "I can say that graduates are better prepared for positions in the ready mix industry in comparison to those with a standard engineering degree or business degree. Companies benefit from reduced training costs associated with new employees coming into the industry when hiring out of the CIM program."



Brandi and Matt Arnold

The 2019 Concrete Industry Management Program Live and Silent Auction will take place on Wednesday, January 23, 2019 in conjunction with the World of Concrete Show in Las Vegas. To learn more about the auction or to donate an item, please visit <http://concretedegree.com/auction/> for more information.



Matt appreciates the support that the Patrons groups have provided to each of the programs and is giving back by being an active member of the Texas State Patrons group. His primary focus will be to bring additional students into the program and making the public, especially high school students and counselors, aware that the program exists. He believes that if more potential students become aware of the program, and the many opportunities available throughout the concrete industry, that participation and enrollment will grow. Additionally, Matt notes that while large companies are very supportive and involved with the CIM program, he feels that "We need to get the mid-size and even the smaller private ready mix companies more involved with the program," particularly as part of the Patrons groups.

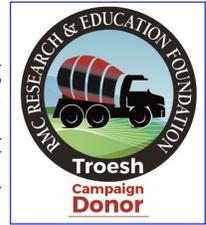
Matt is also a graduate of the CIM Executive MBA program, having received his degree in May of 2017. He knew it would provide him even more opportunities within the industry, noting "I chose to pursue [the CIM MBA] due to the growing desire from large corporations looking for Master's Degrees when filling upper management positions." And this decision has paid off. In March of this year, Matt accepted a position as a Materials Sales Manager with Knife River's Central Texas area, which was just the sort of career advancement he was working toward. He wanted to work with "an industry-leading company" such as Knife River, and he believes that he would not have had such an opportunity without having pursued the CIM MBA degree.

Matt is excited to apply the knowledge he has gained through his own experience in the concrete industry, as well as from his two CIM degrees, and to also see what the future will bring as additional, bright CIM graduates enter the industry. "As industries grow in technology, the need for more specialized training and education will only become more important. The CIM program allows our industry to continue to advance due to the more specific education and training the students receive," he says.

For more information on the CIM program, please visit www.concretedegree.com and for additional information on the CIM MBA, please visit <https://www.mtsu.edu/programs/concrete-industry-mba/>.

Troesh Matching Gift Campaign Goal Achieved

Thanks to tremendous industry support, we have achieved the Troesh Matching Gift Campaign goal of raising \$9 million in matching commitments in just 2.5 short years. Achieving the match goal will allow us to fully leverage the \$3 million gift pledged by the Troesh Family Foundation. Special thanks go out to Command Alkon for making an additional \$100K pledge/match challenge at the end, and to Ernst Concrete for meeting that challenge with another \$100K to get us over the finish line! Several other companies and individuals also met Command Alkon's challenge - we are truly grateful to everyone who supported the Troesh Campaign. We are now within striking distance of becoming the lasting resource for industry research and education we've wanted to be. **However, we still have a little more to build to be entirely self-sustaining, so if you haven't made a commitment as part of the Troesh campaign, please make a contribution or pledge now.** You can make a tax-deductible contribution or download a pledge form at <https://rmc-foundation.org/contribute/>.



MIT Concrete Sustainability Hub Update

The [MIT CSHub](#) continues to produce important research deliverables in the areas of buildings, pavements and concrete science toward more durable concrete. The research and tools are directly supporting the Build With Strength initiative in its design assistance program, local advocacy and communications efforts. Build With Strength is producing results, with 111 projects converted and many more in the pipeline with 346 projects consulted. NRMCA has documented year-to-date increase of 4% in the target low-midrise building market. See an example of how MIT's science is supporting the effort in this recent video on Hazard Mitigation at <https://www.youtube.com/watch?v=6jRGdHVczWs&feature=youtu.be>. In addition to supporting Build With Strength and its targeted communications strategy, MIT's work has recently attracted the attention of USA Today, US News & World Report, Forbes and many other major news outlets in all areas of their research. MIT has been a tremendous partner not only on [Build With Strength](#), but also [PaveAhead](#) and P2P, giving many presentations to target audiences including state DOTs, codes and standards setting bodies, National Association of State Fire Marshals, among others. See more at <http://cshub.mit.edu/> or contact [Julie Garbini](#) for more details.



RMC Research & Education Foundation: A Vital Industry Asset

Earlier this year, the RMC Research & Education Foundation reported on several statistics illustrating a strong and effective organization making a significant impact on the ready mixed concrete industry and the communities we serve. In the 27 years since its inception, the Foundation has spent nearly \$16M on 71 projects while building an endowment currently at almost \$18M. Our goal to become a truly self-sustaining and long-lasting resource for the industry for years to come is within reach, thanks to the generous contributions from donors like you. Our partnerships with allied industry organizations at the national and local level, as well as with dozens of universities and stakeholder groups is a cornerstone of our success. The programs the Foundation has funded have saved the industry millions, helped to convert hundreds of projects to concrete, demonstrated the superiority of concrete to other building materials in support of the [Build With Strength](#) and [PaveAhead](#) initiatives and have educated thousands of people through the development of courses, study materials, industry guides, research and modeling at the [MIT Concrete Sustainability Hub](#), just to name a few accomplishments. For more information or to access many of the Foundation's resources, please visit www.rmc-foundation.org and be sure to have colleagues join our contact list.

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Vision:
The RMC Research & Education Foundation is a lasting resource for increasing quality, professionalism, and sustainability in the ready mixed concrete industry by funding high quality, high value, non-proprietary research and education programs.



Foundation Approves Funding for Six Projects in 2018

The RMC Research & Education Foundation approved funding for six projects in 2018, including: a pervious concrete pavement testing project; a Guide to Concrete Trails and Paths; funding in support of a Thermal Performance Comparison Between ICF and Wood/Steel Frame Assemblies for Both Heating and Cooling study; a study focusing on the role of air content and SCMs replacement in deicing salt damage in concrete; the development of a respiratory protection training lesson; and the last to support the development of two new online safety series training lessons, one addressing safety procedures and protocols at concrete plants and the other to ensure best safety site delivery conditions at the job site for mixer drivers.

2018 New Releases Already Delivering Big

In less than a year since its release, the PavementDesigner.org pavement design site has already reported almost 11,000 design runs and includes use in all 50 states and internationally. This is a great resource for not only pavement designers but also for specifiers, public works staff—anyone with an interest in selecting the best pavement for their project.

This year also saw the release of the [Factually Analyzing Integrated Layers of Safety Against Fire's Effects \(FAIL-SAFE\)](http://FactuallyAnalyzingIntegratedLayersofSafetyAgainstFireEffects(FAIL-SAFE)) project that has also resulted in a very strong partnership with the National Association of State Fire Marshals (NASFM) where the concrete industry is working with NASFM to ensure safer, stronger and more resilient buildings, including as part of the Build With Strength initiative.

Foundation to Offer Deliverables USB Keys to Donors Exhibiting at World of Concrete

Donor companies exhibiting at the upcoming World of Concrete (WOC) Show in Las Vegas next month have the opportunity to offer USB keys including most of the Foundation's deliverables to customers from their WOC booth. Additionally, we will add a label with their logo and "Compliments of" to one side of the USB keys. Those donor exhibitors wishing to take advantage of this offer should contact [Jennifer LeFevre](mailto:Jennifer.LeFevre@rmc-foundation.org) by Friday, December 21, 2018. The keys, along with "Proud Contributor" placards, will be distributed on Monday, January 21, 2019, during move-in.

Don't forget to sign up for AmazonSmile and support the RMC Research & Education Foundation if you have not already. Please visit <http://smile.amazon.com/ch/52-1680963> to sign up for free today and support the Foundation whenever you shop at Smile.Amazon.com

Welcome to
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You shop. Amazon gives.

There is also a new, fee-free way to donate to the Foundation. Donations made through the PayPal Giving Fund allow credit card transactions without fees and saves the Foundation paying those fees. Please visit paypal.com/us/fundraiser/charity/2018765 to make a donation today.

Have you subscribed to the Foundation's YouTube Channel Yet?

If not, visit https://www.youtube.com/channel/UCmErq-EjiQTB_bcnPZLTmbg today to view and take advantage of resources available there, including driver recruitment materials.