

employment, graduate school, medical school, law school and into the military. I would like to say congratulations to all our graduates and wish each one of them well in this next phase of their lives. I would also like to thank all the ME faculty and staff for another year of excellent service. To all the alumni who supported the department in any way this last year, thank you so much.

Second, I would also like to thank Dr. Lori Olson for her outstanding service to the department during her five years as department head. She did a fantastic job shepherding the department through our 2018 ABET visit, among other notable achievements. I will be continuing work on the initiatives that Dr. Olson started and adding a few more as we look forward to the 2019-20 academic year. One of the new initiatives that I hope to focus on this coming year is the ME Identity and Awards Program. The goal of this initiative is to develop a strategy for enhancing the professional identity of ME students as well as a coherent ME scholarship and award program for the department. This will involve bringing together a team of faculty members, students and alumni to craft and implement this program. I will provide more details on this and other initiatives in our fall newsletter.

As part of our series on What ME s Do, please **let us know** about some of the very cool things you or a fellow alum are doing so that we can highlight them as we look to enhance our recruitment of the next generation of Rose ME s.

Richard Onyancha,
Department Head



2018-2019 Scholarship and Award Winners

Award winners are accompanied by notes from faculty who supported their nominations.

Steinhauser Award

Cassie Utley

Cassie loves fixing cars! She and her dad completely rebuilt a '69 Chevelle SS and her goal is to own a garage fixing cars. Cassie is currently a two-sport varsity athlete competing in basketball and outdoor track & field. For Cassie everything she does, whether it is in class or on the sports field, has a purpose in helping her achieve her goals in life. She works hard, is a good team player and will be an excellent engineer. She is very deserving of this award because of her resilience and ability to bounce back.

Dr. Darrell Gibson Scholarship

The Gibson scholarship is funded by a generous endowment from Emeritus Professor Darrell Gibson. Dr. Gibson served the institute as a professor of mechanical engineering for 43 years, retiring in 2015. He enjoyed guiding students in graduate studies and senior design and was a strong advocate for, and supporter of the department. Dr. Gibson specified that the scholarship be given to senior mechanical engineering students who meet criteria of financial need and strong academic record.

Nicholas Samra

Nick Samra is an excellent student with a clear focus on learning and personal growth. He has competed as a member of the varsity swim team for the past four years and is also the treasurer of IEEE HKN. He is currently completing a double major in mechanical and electrical engineering and will be working for Collins Aerospace Systems upon graduation.

Derek Deimel

As Derek's academic advisor, I've been very impressed with his proactive approach to his education. He always arrived at our advising meetings with a good course plan, and he asked great questions about which courses would best fit his career goals. I've also had Derek as a student in two courses, ES201 Con Aps and (currently) in ME423 Fatigue. He has demonstrated outstanding ability in both courses, which is consistent with his strong overall academic record. Congratulations to Derek on this scholarship!

Mark Schulz Scholarship

The Mark Schulz Scholarship was made possible through the generous donation of alumnus Mark Schulz. The awardees applied for this scholarship by articulating:

- Their professional goals.
- What they have done so far to set themselves on a path toward accomplishing their goals.
- The challenges that they have faced so far in accomplishing their goals and how they have worked to overcome those challenges.

Devin Williams

Devin's goal in life is to improve the quality of life for those around [him]. He is fully immersed in the Rose community by playing football for the Fighting Engineers, joining a leadership fraternity, and staying connected with religious organizations to stay strong in his faith. Devin is grateful that Rose has given him a peek into his future and this

motivates him to keep pushing and never stop chasing his dreams.

Erin Minervini

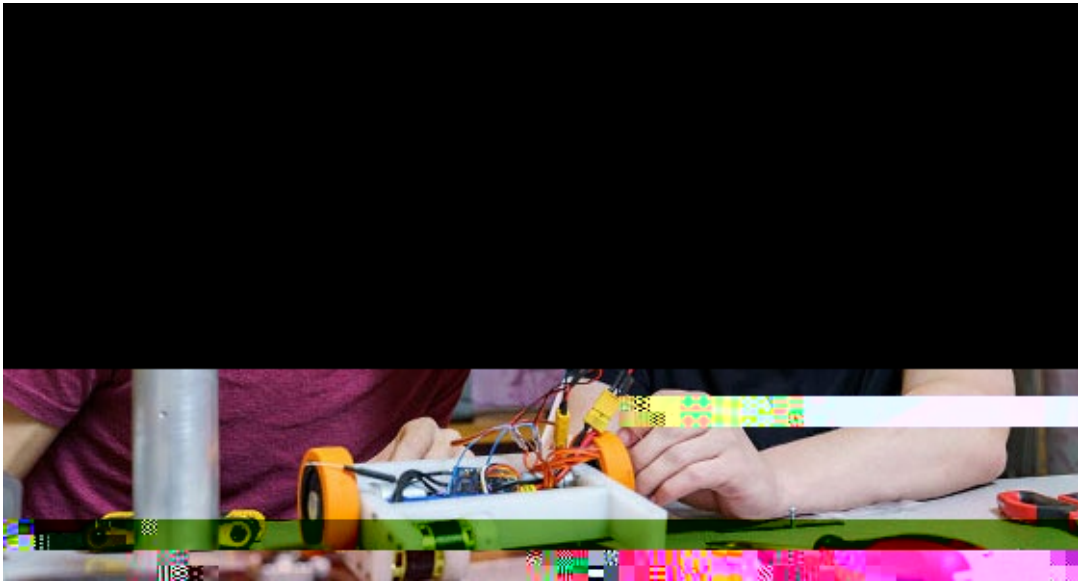
Erin's goal in life is to develop really cool lifesaving medical devices that bring together her love for technology and art. She is currently working to technologically advance an early detection device for breast cancer. Erin has been completely immersed in the Rose experience with her involvement with RHIT Homecoming 2018, being Vice-President of the Blue Key Honor Society and as a member of the RHIT Varsity Softball team. Erin says that Rose-Hulman has not only given her the skills to succeed in life but has made her closer to her family.

Samantha Starr

Samantha's goal is to be a patent attorney after earning her juris doctor degree. Samantha is double majoring in ME and BE and has worked in both the medical field and IP. In spite of the challenges that she has faced, she keeps a smile on her face and an extremely personable attitude. She works hard and is curious and very determined. Because of her stellar academic credentials, she has been accepted to her top choice law schools.

Shubhankar Gandhi

Shub is the most outstanding student I've interacted with during my five years at Rose-Hulman. He is academically exceptional, self-motivated, driven, polite, conscientious and an independent thinker. He is also involved in many campus and extracurricular activities. He did undergraduate research with Drs. Cantwell and Jones on creep and fatigue testing for a summer and the following academic year. It's difficult to imagine a more ideal undergraduate researcher. He can do hands-on work and analysis equally well, and he has a level of inner motivation that is extremely rare. [We] will be publishing at least one paper, maybe two, based on Shub's work. His goal is to be a



Competition Teams: Vehicles for Learning, Adventure, Service

They race. They fight. They re long on innovation and stingy on fuel. The creations of Rose-Hulman s competition teams perform well and score points, but their greatest achievement is conveying lessons that may not be covered in the classroom.

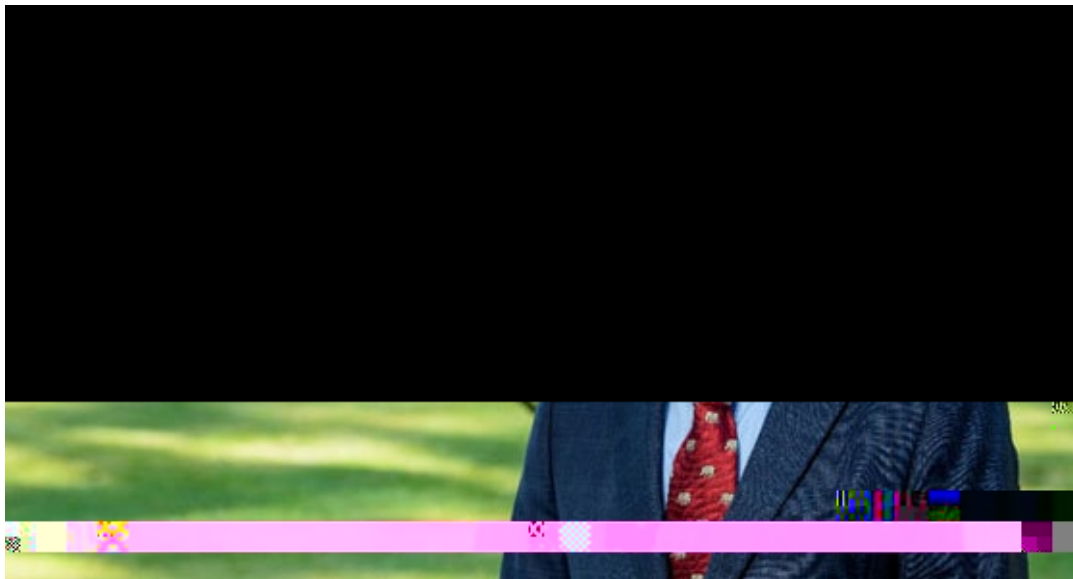
[Learn more about five of our team's results and future competitions.](#)



Staff Transitions and Retirements

Dr. Olson Steps Down

Dr. Lori Olson s role at Rose-Hulman is changing, but her influence on the mechanical engineering department and the overall institution will continue. Dr. Olson has stepped down as department head after five years and will return to teaching full-time beginning



Rick Stamper Named Rose-Hulman's Next Provost and Vice President for Academic Affairs

Alumnus Rick Stamper, a professor of mechanical engineering and engineering management, will step into the position July 1. [Learn more.](#)

Giving Back in Real Time, Year-round

ME Board of Advisors helps guide course offerings and shape students' preparation for changing needs of industry.

Some graduates may pick up a diploma, leave campus and never look back. That's less likely at Rose-Hulman, where the culture engages students in campus life, holistic learning and an expectation of giving back.

Many alumni acknowledge what R-H faculty, staff and donors have provided them and gratefully return the favor. For Rebekah Forsyth Wojak (ME '08), service means chairing the ME Board of Advisors (BOA).

Rose-Hulman has always had a culture of being like a family in addition to being an excellent institution, she says. The faculty and staff are very dedicated to the success of the students. Serving on the board is one small way we can give back and help those coming behind us.

The board comprising mostly alumni, but also a few engineering department heads from other institutions serves as a sounding board for the ME department. Members offer perspectives on trends in various industry sectors and what skills and classes will best prepare students for the workforce. The board is thankful for the opportunity to utilize our

