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From the Executive Director

A hallmark of Case Western Reserve is our interest in impacting the world around us. Expanding the experiential learning opportunities for our students is therefore a priority. Case Western Reserve offers a variety of ways for students to engage with our industrial partners. These range from the traditional internship and co-op programs to commercialization associates in the Masters of Engineering in Management. We also have new opportunities for engagement in, for example, our new data science initiative. If you are interested in learning more about any of these opportunities – please get in touch with me.

For our alumni - I would like to personally encourage all of you to join the Alumni Career Network. You can easily fill out your profile, which will be housed in CWRULink, the University Career Center’s online job search database. Students and other alumni can sign into CWRULink to search for your information based on job title, employer, affinity group, etc. You set the parameters with regards to how you want to be contacted and how often. This is a great opportunity for students to connect with alumni in their area of interest or for you to network with fellow Case Western Reserve graduates around the world.

There are so many ways to be involved! For questions on these programs or any other, contact me at corporaterelations@case.edu.

All my best,

Anne M. Borchert
Assistant Vice President of Corporate Relations and Strategic Projects
Siemens Deepens Partnership with CWRU

Eric Spiegel, pictured, delivering the inaugural CWRU Corporate Lecture in Leadership

Eric Spiegel, President and CEO, of Siemens USA recently visited campus to deliver the inaugural CWRU Corporate Lecture in Leadership. The lecture series aims to bring corporate executives to campus to share their experience of leadership with students, faculty and staff. The lecture series is a program of the Office of Corporate Relations.

Mr. Spiegel also brought several executives with him from Siemens for various meetings on campus. During their day-long visit, Siemens and CWRU discussed how to broaden their relationship and collaborate in more areas. The Plain Dealer featured a story that week on the relationship and Siemens’ investment in Northeast Ohio.

Read the story.
Parker Hannifin Foundation Endows Chair in Case School of Engineering

Ken Loparo, current chair of EECS at the Case School of Engineering shown here with Don Waszkewicz, will be the first person to hold the Arthur L. Parker Endowed Chair.

Case Western Reserve University’s engineering school has won an extraordinary endorsement from the Parker Hannifin Foundation: the establishment of The Arthur L. Parker Endowed Chair in the electrical engineering and computer science (EECS) department named in honor of Parker Hannifin Corporation’s founder.

Parker, a 1907 graduate of the Case Institute of Technology, founded the Parker Appliance Co. in a small Cleveland loft in 1918. The 33-year-old engineer had invented a pneumatic braking system for trucks and buses. Almost a century later, that same company, today known as Parker Hannifin Corporation, is a leading global manufacturer of motion and control technologies, employing 57,500 people in 50 countries and tallying annual sales of more than $13 billion.

Ken Loparo, a senior leader and current chair of EECS at the Case School of Engineering, will be the first person to hold this important chair.

The Parker Chair is a testament to the partnership between Parker Hannifin and Case Western Reserve. It is also demonstrative of the economic development role that the University plays in the Northeast Ohio region. An endowed chair provides valuable resources to attract and retain academic leaders who in turn support the research and commercialization agenda of companies like Parker. These academic leaders also attract students who become the technology leaders at these same regional, national, and international companies. On the undergraduate level the University attracts 75% of students outside the state of Ohio. The Engineering School then retains 50% of
these students to the State of Ohio. This is true brain gain.

“This endowed chair reinforces our company’s connection to Case Western Reserve and furthers our goal to support education in the communities where we do business,” said Parker Chairman, CEO and President Don Washkewicz. MBA ’79 “Through this commitment, we are providing a foundation that we hope will inspire today’s students to become the inventors of tomorrow in the spirit of our founder Art Parker.”

Read more about the new chair.

Rapid Prototype + Manufacturing (rp+m) has formally partnered with Case Western Reserve University to move its research and development arm to the university, joining forces with faculty researchers to develop new technologies in the growing additive manufacturing market, assist students in entrepreneurship and with research opportunities, and boost economic development in the region.

The Avon Lake-based business and Case Western Reserve have signed a memorandum of understanding to create the Additive Manufacturing Studio in think[box], the high-tech invention center on campus, this summer. rp+m employees work in the studio, where the company installed eight pieces of 3-D additive manufacturing equipment. The equipment tripled the number of 3-D printers in think[box] and increased the breadth of materials that can be used threefold, including bringing the first metal-printing machines to campus.

"We are very excited to help create the Additive Manufacturing Studio at think[box],” said Anthony Hughes, president and chief technology officer at rp+m. “This has been over a year in the making and another way in which we are broadening our partnership
with Case Western Reserve University.” The collaboration, Hughes said, “is essential to r+p+m’s business success.”

Read more here.

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HUMAN CAPITAL

GE Girls Kick-Off Helps Excite and Retain Interest in STEMM for Middle School Girls

![Pictured are all of the middle schools girls at the kickoff event in the Tinkham Veale University Center](image)

On Wednesday, October 22nd, The Flora Stone Mather Center for Women’s WISER (Women in Science and Engineering Roundtable) and the Office of Corporate Relations worked in partnership with GE Lighting and Cleveland Play House to host a kick-off event with 160 middle-school girls to establish the GE Girls program. GE Girls involves students from 15 schools in Northeast Ohio with the aim to help young girls gain access and exposure to Science, Technology, Engineering, Mathematics, and Medicine (STEMM) fields, and pursue them with confidence.

Dr. Kathleen Buse, Faculty Director of Leadership for Women in STEM at CWRU and Lisa Ward, Manager of New Product Introduction, GE Lighting spoke to the girls about the benefits of exploring STEMM fields and pursuing STEMM careers. Experiments and activities led by CWRU professors and graduate students engaged the girls and allowed them to gain hands-on experience. Surveys completed by the students indicated an overall 20% increase in interest of STEMM fields based on this activity.
During the second half of the event, GE introduced the girls to the Project-in-a-Box portion of the GE Girls program. The students will participate in monthly STEM-related experiments to help “solve the mystery of who is killing the crops of the local biofuel complex.” GE Lighting’s Women’s Network volunteers, with help from CWRU student volunteers will attend activities located at the partner middle schools to assist the girls with the experiments.

GE Girls aims to excite and retain interest of middle school girls in science, technology, engineering, math, and medicine(STEMM). The participating students are part of Cleveland Metropolitan School District and the First Ring Superintendents’ Collaborative (FRSC). FRSC is an association of suburban school superintendents whose school districts surround the city of Cleveland, Ohio. The FRSC was established in 2000 to address the unique poverty, cultural diversity and mobility challenges affecting students of the First Ring school districts.

Visit Case Western Reserve's corporate relations web site

Read about the latest research news and collaboration successes, and find out how you can imagine and influence the future with Case Western Reserve. Visit case.edu/corporate.

be sure to add kmo30@case.edu to your address book to make sure these messages make it to your inbox.

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