Greetings!

I hope this finds you well and that you have enjoyed a successful and productive Autumn Semester.

We are sending our department newsletter, *Koffolt News*, electronically this year. Please read it below if you like, or [click here](#) to view it online.

Wishing you the very best for 2018 and beyond,

Andre F. Palmer  
Professor and Chair

---

**From:** Ohio State William G. Lowrie Department of Chemical and Biomolecular Engineering  
**Sent:** Monday, December 04, 2017 3:42 PM  
**To:** Williamson, Wenda  
**Subject:** News from Ohio State Chemical Engineering
Three new faculty join CBE

The department is thrilled to announce that Eduardo Reátegui (assistant professor, Cancer Research Cluster); Andrew Tong (research assistant professor/clinical assistant professor, Energy); and Andrew Maxson (clinical assistant professor, Unit Operations) have all joined CBE! Read about their backgrounds.

Lightning strikes four times for Palmer

CBE Professor and Chairman Andre Palmer has received a fourth four-year R01 from the NIH in under a year supporting his research on artificial red blood cells. The fourth R01, totalling $2.8M, brings Palmer’s NIH R01 total to $8.4M. See how Dr. Palmer’s research could lead to saving lives.

Lee develops breakthrough ‘one-touch healing’ nanochip

Professor James Lee and researchers at The Ohio State University Wexner Medical Center developed a new technology, Tissue Nanotransfection (TNT), that can generate any cell type of interest for treatment within the patient’s own body. Find out how it works.

Wyslouzil sets new record creating ‘squarest’ ice crystals ever

Asthagiri publishes in Science

More research grants for faculty

Alumni honor Jack Zakin

Faculty Awards and Honors

El-Monier secures sponsorships for eight petroleum engineering students
ALUMNI NEWS

Jacob Elmer earns NSF CAREER award for gene therapy research
Not only did Villanova University Assistant Professor Jacob Elmer (PhD ’11) win a $500,000 NSF CAREER award, he also received $300,000 from the NSF and $254,000 from the NIH this year. Discover how he created his niche.

UNDERGRADUATE NEWS

Lost in space? Not CBE students!
As fall semester kicked off, nearly 200 CBE students attended a NASA Internship Info Session hosted by their peers to learn what it takes to become a NASA intern. Find out what students did on their internships!

GRADUATE PROGRAM NEWS

Chemical engineering students win Pelotonia cancer research fellowships
Under the biomolecular arm of chemical engineering, today’s engineers reach into medical research by using the principles of engineering, and three CBE students have won Pelotonia Cancer Research Fellowships to support their research. Find out what motivates them.
A message from the Chair

A quality educational program begins with its faculty, and as we look to the future, CBE is aggressively recruiting faculty to meet the growing demand for its chemical engineering programs. Read the Chair’s full message.