



## **Chemical & Biomolecular Engineering**

### ***A. James Clark School of Engineering***

Dear ChBE Friends and Family,

In the fall semester of 2021, we returned to campus and despite a few minor hiccups, all has gone well thus far! We in *Chemical & Biomolecular Engineering* at the University of Maryland wish you Happy Holidays and an even happier New Year in the hopes that conditions, around the world, will continue to improve post-pandemic. We also enthusiastically celebrate our many accomplishments!



- ChBE faculty members continue to publish innovative research in top-tier journals including [Science](#), [Nature](#) and [Advanced Energy Materials](#).
- Several faculty members won awards, including **Deborah Goldberg** who received the [2021 Outstanding Performance Award for Professional Track Faculty](#); **Amy Karlsson**, who received the [2021 Kent Outstanding Teaching Award](#), and **Taylor Woehl** and **Chen Zhang** both received [NSF CAREER Awards](#).
- **Srinivasa Raghavan's** [bleeding management technology](#) became available on Amazon and at drugstores around the country.
- **Eric Wachsman**, professor & director of the Maryland Energy Innovation Institute, was [elected president of the Electrochemical Society](#) and was also named a [Distinguished University Professor](#).

- **Chunsheng Wang**, professor & director of the Center for Research in Extreme Batteries, and postdoc **Ji Chen** (currently at Nanoramic Laboratories) were honored as [2021 Highly Cited Researchers](#) by *Clarivate*; Chunsheng also received the [2021 ECS Battery Division Research Award](#).
- Our students continue to impress as well including **Emily Schulman** and **Jiaxun Zhang**, both of whom won [Wylie Dissertation Fellowships](#); **Jesse Matthews** was named the [2021 Undergraduate Researcher of the Year](#) (and was an NSF GRFP Recipient, too); **Gaurav Iyer** received a [Wells Energy Fellowship](#), and **Reese Barrett** won the 2021 [Hollings Undergraduate Scholarship](#).
- Lastly, the Department [rose in the USNWR rankings](#) to #19, from #23, among public institutions and overall to #30, from #36!

You have the potential to keep this momentum going in 2022! Your support will help ensure that our students have continued access to top-notch research and networking opportunities, access to campus laboratories and facilities, and share in unique educational experiences. Please consider investing in *Chemical & Biomolecular Engineering* at Maryland with a tax-deductible gift to any of the funds below before December 31st:

- [ChBE Gift Fund](#) – Unrestricted support of the department to address its most pressing needs.
- [ChBE Student Travel Fund](#) – Supporting both undergraduate and graduate student travel and registration to scientific conferences and networking opportunities.
- [ChBE Unit Ops Laboratory](#) – Your support helps us to maintain and improve this important teaching lab for undergraduate students.
- [ChBE Chem-E Car](#) – Support offsets the cost of materials, lab costs, and regional/national tournaments for this unique student experience.

Feel free to reach out to me ([kofinas@umd.edu](mailto:kofinas@umd.edu)) or Kyle Zeller ([kzeller@umd.edu](mailto:kzeller@umd.edu)) with any questions. We graciously thank you for your support and wish you Happy Holidays and a blessed New Year!

Be well,

*Peter Kofinas, Ph.D.*  
ChBE Professor & Chair