



# A. JAMES CLARK SCHOOL OF ENGINEERING

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## DEPARTMENT OF CHEMICAL & BIOMOLECULAR ENGINEERING

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Dear CHBE Friends,

Post-pandemic, our students, faculty and staff members have been working hard to increase our momentum by continuing to bolster battery technology and nanotechnologies, helping to shape the COVID-10 response, confront health disparities and invest in diversity.

Our faculty members continue to publish studies in prestigious journals such as *Nature*, *Nature Communications*, *Nature Energy* and *Advanced Functional Materials*. What's more, several faculty members won awards, received funding, and Akua Asa-Awuku was even named Clark School Associate Dean for Diversity and Equity.

Our students, too, continue to impress. Deborah Essumang, who devises new space technology for NASA when she's not on campus, was featured in the latest issue of E@M Magazine for her various achievements. You can read more about Deborah and other outstanding engineering students by visiting this link: [go.umd.edu/s22](https://go.umd.edu/s22).

Lastly, Spring 2022 Commencement was conducted in-person this past week, which was

exciting for all! If you have any questions or comments, please reach out to me at [kofinas@umd.edu](mailto:kofinas@umd.edu).

Thank you and be well,

Peter Kofinas, Ph.D.  
Professor & Chair

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Chemical engineering at Maryland ranked #21 among public institutions and #34 overall according to the 2023 U.S. News and World Report. [Learn more...](#)

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## Our Latest Research Inspires

- [Working for 'green' methane conversion](#): Study published in *Nature*.
- [Vitamin-size factories can be 'switched on'](#): Raghavan study published in *Advanced Functional Materials*.
- [Machine intelligence builds soft machines](#): Po-Yen Chen's group published in *Nature Machine Intelligence*.
- [New design method enables low-temp Na-battery](#): Wang group published in *Nature Nanotechnology*.



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## Alumni Continue to Impress



- [Going Green](#): Ezinne Achinivu (B.S. '10) joined the chemical engineering faculty at the University of Illinois, Chicago. Achinivu hopes to teach bioprocessing and sustainable energy while ensuring that students from all backgrounds have equal access to education. [Learn more...](#)

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## Faculty Members Earn Accolades

- [Taylor Woehl promoted to Associate Professor w/ Tenure](#)
- [Ganesh Sriram wins 2022 Poole & Kent Teaching Award for Senior Faculty](#)
- [Srinivasa Raghavan w/ PhD Candidate Leah Borden win UMD Life Sciences Invention of the Year](#)
- [Akua Asa-Awuku is Clark School Associate Dean for Diversity & Equity](#)
- [Hannah Zierden to join ChemE Faculty @ Maryland this fall](#)
- [Chunsheng Wang one of nine Maryland Engineers recognized as being "One in 1,000"](#)

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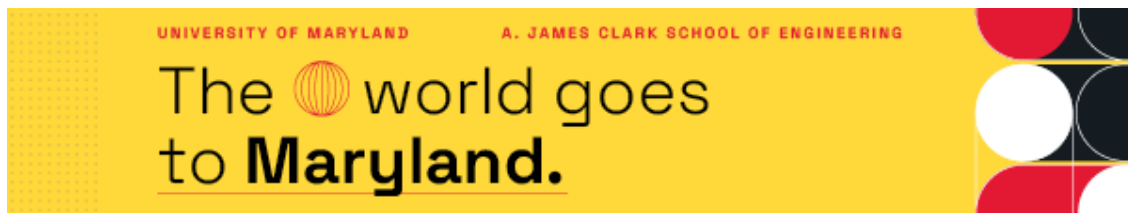
## Our Students in the Spotlight

- [ChemE students discuss climate change policy on Capitol Hill](#)
- [Maryland Engineering recognizes undergraduate excellence](#)
- [Deborah Essumang featured in E@M magazine for many accomplishments](#) (p. 19)

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## UPCOMING EVENTS

- Friday, June 10: Center for Research in Extreme Batteries (CREB) Bi-Annual Spring Meeting. [Learn more and register.](#)
- To learn about upcoming UMD Alumni events, [follow this link!](#)



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