In the Issue

Proposed Handbook for Integrity Issues

The Dean has asked us to embark on a project that will help guide our faculty as they deal with students who are tempted to cheat (or are caught doing so) on assignments (particularly in light of the increased online instruction mode). The proposed handbook will provide faculty members with tools they can use to help prevent cheating and strategies to deal with academic dishonesty and consequences. The handbook will address issues of academic dishonesty, including how to report cheating, what to do with a cheating student, and how to deal with students who are tempted to cheat. The Dean has asked us to create a cohesive and usable product that can be shared with faculty members. I have been working with the Re+D team to create a draft of the handbook and I am seeking input from faculty members who are interested in contributing to this project. They can provide their thoughts and ideas, as well as relevant links and experiences that might be helpful to others. We will try to modify this handbook into a cohesive and usable product.

In the News

Luo Research Lab releases two new publications

Professor Chao Luo, Assistant Professor of Chemistry and Biochemistry, along with postdoc Kaiqiang Qin and graduate students Rosemary Hall, graduate student Kathryn Holguin, Mohammadiroudbari, Jinghao Huang, and Eric Young, recently released two new publications — one in Advanced Functional Materials and another in Green Energy & Environment. Luo’s research focuses on exploring new battery materials and new chemistries for high-energy and sustainable batteries. Materials science graduate student Mohammad Reza Moussavian also recently published an article in the front page of The Journal of Organic Chemistry.

Mason develop computational tools to optimize ship design and train students

By Tracy Mason

A professor of computational fluid dynamics in the Mason Department of Physics and Astronomy, Chi Yang, along with lead developer Jason Kinser and a team of Mason students from the College of Integrative Sciences and Arts and the Volgenau School of Engineering, have developed SimDShip, a computational tool, that has been deployed to accomplish innovative, simulation-based design of ship hull forms. Simulation-based design allows for increasing ship design efficiency and enabling the inclusion of many more design options, which can result in increased safety and decreased costs. The tool is being used at CSX and is also being tested by HII in partnership with the U.S. Navy.

Events

The Outstanding Achievement Awards 2021: Call for Nominations

You are invited to nominate a colleague for an Outstanding Achievement Award. The Mason Outstanding Achievement Awards are an annual celebration of dedication, and contributions to the university. Mason scientists and Rutgers Cancer Institute of New Jersey are collaborating to advance breast cancer treatment. The Army’s Breakthrough Award to Rutgers’ Mohammadiroudbari, Jinghao Huang, and Eric Young, as well as Mason’s Chao Luo, Assistant professor of Chemistry and Biochemistry, speak on Understanding the Properties of Inorganic-Organic Hybrid Nanoparticles for Materials Development.

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