

14th Annual VINSE Fall Faculty Celebration

This time of year we normally gather to welcome new members of our community, recognize the accomplishments of our faculty, and celebrate recent promotions. Although we cannot meet in person this year, we remain committed to keeping everyone informed and celebrating the accomplishments of VINSE faculty.

Faculty Promotions

We celebrate the recent promotions of the following faculty:

Endowed Chairs

Craig L. Divall
named Cornelius Vanderbilt Chair

Joshua D. Caldwell
named Flowers Family Chancellor Faculty Fellow in Engineering

Kelsey B. Hatzell
named Flowers Family Dean's Faculty Fellow in Engineering

Promotion & Tenure

Alorence Sanchez
promoted to Professor

Leon M. Bellan
promoted to Associate Professor with tenure

Janet E. Macdonald
promoted to Associate Professor with tenure

Distinguished Service Award

This year VINSE recognizes Alice D. Leach for her vision and creation of the VINSE spotlight podcast series. Each week Alice talks to the first author of the VINSE spotlight publication to learn more about the research that happens at Vanderbilt every day. With more than 20 episodes to date, this effort has led to increased page views on the VINSE website and generated increased engagement on VINSE's social media platforms. The podcast is an exciting new way to stay up to date on what is happening in VINSE and gives our graduate students and postdocs a unique opportunity to practice their science communication to a general audience.

High Impact Publications

We recognize the following faculty for their accomplishments reported in these top five high impact journal publications.

*Visit the VINSE website for full details on all high impact paper awards.

Sandra J. Rosenthal & James R. McBride
Continuous-wave lasing in colloidal quantum dot solids enabled by facet-selective epitaxy, *Nature*, 544, 75-79 (2017).

Sokrates T. Pantelides
Fast kinetics of magnesium monochloride cations in interlayer-expanded titanium disulfide for magnesium rechargeable batteries, *Nature Communications*, 8, 339 (2017).

Richard F. Haglund, Jr. & Jason G. Valentine
Dynamically Reconfigurable Metadevice Employing Nanostructured Phase-Change Materials, *Nano Letters*, 17 (8), 4881-4885 (2017).

Shihong Lin
Membrane fouling and wetting in membrane distillation and their mitigation by novel membranes with special wettability, *Water Research*, 112, 38-47 (2017).

Philippe M. Fauchet & Sharon M. Weiss
Photonic crystal microring resonator for label-free biosensing, *Optics Express*, 25 (6), 7046-7054 (2017).

VINSE faculty are the foundation of our success as an institute. Thank you for your continued dedication, support and the value you bring to our team. We look forward to celebrating with you in 2021.