David Ginger, Alvin L. and Verla R. Kwiram Endowed Professor of Chemistry and Associate Director of the UW Clean Energy Institute, has received the 2017 Cottrell Scholars TREE Award from the Research Corporation for Science Advancement. “TREE awards recognize the outstanding research and educational accomplishments of the community of Cottrell Scholars,” said RCSA Senior Program Director Silvia Ronco. She added, “The awards serve to encourage the improvement of science education at American universities and colleges.”

The RCSA stated in their press release: “Ginger is known for his pioneering development of powerful tools for new scanning probe microscopy, allowing scientists to visualize the dynamic behavior of electrons in new materials with unprecedented precision. Ginger has also pioneered the application of scanning probe microscopy tools to challenging problems in chemistry, physics, and materials science. His primary research focuses on what is arguably the most important challenge facing civilization today: how to supply our society with low-cost, environmentally benign sources of energy, such as solar power. He has made major contributions to understanding organic photovoltaic devices and to developing the optoelectronic properties of colloidal nanocrystals, and he is widely recognized as an international leader in the development of frontier scanning probe microscopy techniques. In addition, Ginger is noted for his work to improve the educational experience for his undergraduate students, receiving the UW Chemistry’s departmental teaching award in 2007. His teaching emphasizes computational problem solving of context-rich, inquiry-based problems.”

The TREE Award consists of an unrestricted $20,000 award sent to the awardee institution on behalf of the recipient's educational and scholarly work. The recipient is encouraged to use these funds to foster advancements in his or her research and educational accomplishments. An additional $5,000 award is provided to the recipient to support lectures and travel to other institutions to help broadly communicate innovative research and educational accomplishments. For more information about the TREE Award, read the press release.

Recipients of the TREE Award must have previously been selected by the RCSA as Cottrell Scholars, an honor which Professor Ginger
received in 2006. In 2011, he was named as a Scialog Fellow by the RCSA, along with his colleague, Professor Daniel Gamelin.

For more information about Prof. Ginger and his research, visit his faculty page or research group website.