

Accolades

Scott Chambers and Herman Cho Named Wiley Research Fellows

Scott Chambers and Herman Cho are the first Wiley Research Fellows. The program recognizes scientists who make significant contributions to the Department of Energy's EMSL outside of their individual research efforts. As Fellows, Chambers and Cho will contribute to EMSL decision-making processes, including serving on advisory committees and participating on new capability proposals. In recognition of their work, they can request time on high-demand instruments normally reserved for EMSL staff.

Chambers was selected for his scientific and technological leadership in growing well-defined oxide films and surfaces. Such materials are of interest in photocatalysis, surface geochemistry, and other scientific areas. As a thin films expert, Chambers spends time assisting EMSL users with designing experiments and preparing samples. As a Wiley Research Fellow, he will lead the design and construction of EMSL's third generation oxygen plasma assisted molecular beam epitaxy system. The system will enable growing oxide films of increasing complexity. Chambers is a Laboratory Fellow at Pacific Northwest National Laboratory.



Scott Chambers

Cho was chosen for his leadership in developing EMSL's radiological nuclear magnetic resonance (NMR) capabilities. These capabilities are critical in studies such as radioactive waste storage forms and radionuclide migration in the subsurface. As a Wiley Research Fellow, he will provide advice and support to the design and construction of EMSL's radiological annex. The annex will provide specialized instruments, including NMR spectroscopy, for the characterization and analysis of radiological materials. Cho is a senior research scientist at PNNL.



Herman Cho

The Fellows program is named after William R. Wiley. A Laboratory Director at PNNL, he helped take EMSL from an idea to a world-class facility. Wiley felt that EMSL would help the world respond to scientific challenges that depended on fundamental science.

For more information, contact EMSL Communications Manager Mary Ann Showalter (509-371-6017).