



**With Kemo Hanjalic during the Seventh International Conference “Heat and Mass Transfer and Hydrodynamics in Swirling Flows,” Rybinsk, Russian Federation, October 2019.**



**With Nikolai Kornev and Kemo Hanjalic during the Seventh International Conference “Heat and Mass Transfer and Hydrodynamics in Swirling Flows,” Rybinsk, Russian Federation, October 2019.**



**With Kemo Hanjalic and A. I. Leontiev during the Seventh International Conference “Heat and Mass Transfer and Hydrodynamics in Swirling Flows,” Rybinsk, Russian Federation, October 2019.**



**With Vladimir Kuznetsov, S. A. Isaev, Viktor Terekhov, and Eduard Son during the Seventh International Conference “Heat and Mass Transfer and Hydrodynamics in Swirling Flows,” Rybinsk, Russian Federation, October 2019.**

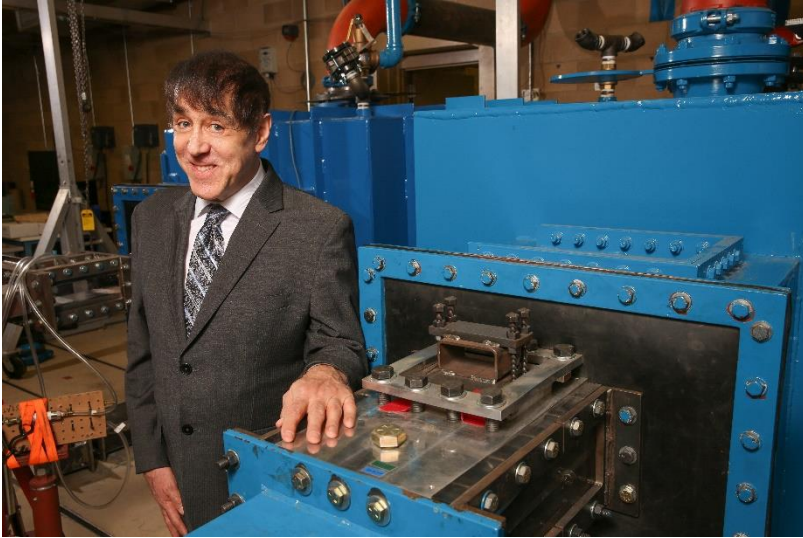




**Ph.D. degree celebration party for Dr. Mengying Su with Sarma Rani, Keith Hollingsworth, graduate students, and undergraduate students at Phil's home, Huntsville, June 2019.**



**With members of the National Committee on Heat and Mass Transfer of the Russian Academy of Sciences, during the Seventh International Conference "Heat and Mass Transfer and Hydrodynamics in Swirling Flows," Rybinsk, Russian Federation, October 2019.**



**Within UAH Research Laboratory,  
March 2019.**



**Within UAH Research Laboratory,  
March 2019.**



**Receiving 2019 University Distinguished Research  
Award for Excellence, April 2019.**



**UAH Awards Ceremony, with Daniel  
Armentrout, Babak Shotorban, Shankar  
Mahalingam, and Michael Anderson,  
April 2019.**





**Phil, September 2019.**



**Phil at Christmas family gathering, December 2019.**



**With Farbod Fahimi and Keith Hollingsworth, during Phil's birthday celebration, Huntsville, February 2019.**