



With students Ward Manneschmidt and Sophie Nitschke in UAH wind tunnel laboratory. January 21, 2022.



With former student Valerie Hietsch at the University of Stuttgart. December 16, 2022.



With daughter Janelle and her husband AJ in Huntsville at Christmas. January 6, 2023.



With Frank Sinatra impersonator at Stella's Elixir Lounge in Huntsville. November 7, 2022.



With friends at the Yellowhammer Brewery in Huntsville. August 21, 2022.



**With Janelle and AJ at Smith Tower in Seattle.
March 11, 2022.**



**Cats at home in front of the fireplace.
December 24, 2022.**



**With Professor Dongsheng Wen and Dr. Christoph Hirsch on the Nusselt couch at the
Technical University of Munich. October 13, 2022.**



With Janelle and AJ in Seattle at Thanksgiving. November 23, 2022.



With Janelle and AJ in Seattle. March 12, 2022.



With Professor Dongsheng Wen and Dr. Christoph Hirsch in Munich. October 12, 2022.



With Janelle and AJ in Seattle at Thanksgiving. November 24, 2022.



Phil receiving the Herman Oberth Award in Huntsville. May 22, 2022.



With Professor Bernhard Weigand and Florian Seibold in Stuttgart. October 11, 2022.



With Ph.D. student Hallie Collopy at Propulsion Research Center Anniversary Celebration. April 14, 2022.