

## Dave Cadogan



Dave has been on the DFSME Board since 2009, and also served on the Delaware STEM Council since 2011. He is on the Advisory Board for the Delaware Space Grant Consortium in association with NASA and Delaware EPSCoR, and is on the Advisory Council for Delaware State University's NASA MIRO program. Dave is also a participant in the American Institute of Aeronautics & Astronautics Delaware Chapter, which is highly active in STEM education activities (thanks to strong leadership by Northrop Grumman).

Dave is married to a college biology professor and they have one son in college who studies math and loves the topic. Dave is an Aerospace Engineer, but is able to learn from his family experiences, and career-long direct engagement with students to help DFSME achieve its goals. Dave has spent considerable time in classrooms while giving talks about space suits, Mars exploration, or about what engineers do, to inspire the next generation.

Dave spent 31 years at ILC Dover in various engineering and engineering management roles. During this time, he learned the science of using "softgoods" (textiles, coated fabrics & membranes) to design and fabricate space suits, spacecraft components, airships, personal protective equipment, flood protection devices, and pharmaceutical containment systems. In 2017 he joined Air Liquide, a global industrial gas company, to support product development. The events of 2020 made Dave realize time was precious and that we should be pursuing what we love, so Dave and a few colleagues started a small technology business (Moonprint Solutions) focused on softgoods technology and product innovations. He uses his experience in small, medium, and large business to help support DFSME's goal to help prepare every STEM student for whatever lies ahead.