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Dr. Knecht is an Assistant Teaching Professor in the School of Engineering Design, Technology, and Professional Programs (SEDTAPP) at Penn State University and the leader of the Penn State Low-Temperature Plasma Science and Engineering Research group. Dr. Knecht received his B.S. in Aerospace Engineering from Penn State and both his M.S. and Ph. D. from the University of Washington in Aeronautics and Astronautics with a focus on plasma science and engineering. Dr. Knecht worked for three years at the Applied Research Laboratory at Penn State, prior to moving to SEDTAPP. His present work in low-temperature plasma includes the effect of plasma-in-liquids on bacteria and blood components, plasma-material interactions, plasma catalysis and combustion, and plasma-generated reactive species transport.