



Kelly Dunn

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ADVISOR/MENTOR: Dr. Stephen Belt
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BIOGRAPHY

Kelly Dunn is an Aviation Maintenance Technician Chief Petty Officer for the United States Coast Guard. She has served as a Flight Mechanic on the MH-60T Jayhawk and HH-65D Dolphin helicopters. She has previously been a member of the Flight Examining Board and the Flight Safety Board for the MH-60T and taught Maintenance Resource Management within the Coast Guard as well as serving as a Critical Incident Stress Management intervention specialist.

Kelly holds a Private Pilot, Airframe, and Powerplant certificates from the FAA. She has obtained a Bachelor of Science from Purdue University in Aviation Management and a Masters of Aeronautical Science from Embry Riddle Aeronautical University. Before joining the Coast Guard, she worked in crew scheduling for a regional airline. Her husband and five children currently reside in southern California.

RESEARCH

Kelly's research involves identifying an operational stress model for U. S. Coast Guard aviators and assessing the effectiveness of coping strategies in mitigating deleterious effects of each category. Future implications will be to isolate affective coping strategies based on stressor category and provide training on improved implementation to reduce overall stress levels, optimally improving mental health, job performance, and retention.



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