

## 2015 Marion & Matty Penick Outstanding Community Service Award

*Name of Nominee: Jack Henderson*

*Name of Nominators: Jim Rudd*

Dr. John P. (Jack) Henderson is a Senior Research Engineer at Universal Technology Corporation where he specializes in the field of turbomachinery vibrational damping, damping materials, and vibratory response. He is one of the premier structural damping experts in the world with more than 40 years of experience in the field. Presently, Dr. Henderson supports the Air Force Research Laboratory's Propulsion and Materials Directorates at Wright-Patterson Air Force Base on the joint US/UK Turbine Engine High Cycle Fatigue Program. Jack holds a BSME degree from the Case Institute and MS & PhD degrees from The Ohio State University.

Jack has been an active member of the Beavercreek Rotary Club for 23 years. He has served in numerous leadership positions on the Board of Directors, including President, Secretary, and Club Service Director. He has served in numerous leadership positions on the Board of Trustees, including President, Vice-President and Secretary. He served on a three-member team that established the Beavercreek Rotary STEM Fellows Program. He leads the club's Paul Harris Fellows Program and is a multiple recipient himself. He is a loyal attendee of the club's weekly meetings, as exemplified by his receipt of the Perfect Attendance Award for nine consecutive years. He actively volunteers and supports the club's major activities and important projects, such as the Valentine's Day Dinner, Popcorn Festival, Fourth of July Parade and the Pig Roast/Halloween Party. Jack is an excellent example of what a Rotarian should be.

In addition to his outstanding technical leadership, Jack shared his knowledge and expertise with the youth of the local community through his dedicated service with the Tecumseh Council of the Boy Scouts of America. He actively nurtured his three sons as dedicated members of Fairborn-based Cub Scouts and the Boy Scouts Troup with the progression of all three to achieve the Eagle Scout Award. In 1994, he single-handedly established Engineering Explorer Post 527 and served as Chairman of the Committee and Advisor. For eight years he exposed dozens of high school students to the challenges and excitement of engineering through hands-on exercises such as model bridge building and testing, egg drop contests, and physics of music. The Post designed trebuchets and participated in the trebuchet contests held by the Wright State University School of Engineering. Explorer Post 527 was the only team that was not sponsored by a High School. Under his leadership, accumulated experience and dedication he coached the youth to create their own leadership and stimulated them to identify their interests and curiosity for exploration. He used his professional contacts to arrange hands-on tours for the Post members in several special disciplines of the Air Force Research Laboratory, Wright State University Engineering and Computer Science Laboratories, and local manufacturing companies. He enlisted the assistance of another expert to coach the youth to build, test, and operate a personal computer in one evening meeting. Collectively his leadership created an unmatched set of experiences for participating youth from Fairborn and Beavercreek. In parallel with the development of his sons, he has participated in high school career days and has served the Tecumseh Council as an active participant of many varied committees and key positions including fund raising. He served as a member of the Advisory Board of the Tecumseh Council, Boy Scouts of America. "Jack" Henderson is a lifetime scouter.

It is my honor and pleasure to nominate Jack Henderson for the 2015 Marion & Matty Penick Outstanding Community Service Award.