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David V. MacCollum

Advocate for Construction Safety
Member, Construction Safety Group Hall of Fame

David V. MacCollum is a past president of the American Society of Safety Engineers and was a member of the first U.S. Secretary of Labor's Construction Safety Advisory Committee [1969-1972]. He has specialized in safety research and technical assistance on high-risk hazards to enterprise, insurance companies, universities, trade associations, attorneys, and government for over twenty years and was involved in the development of rollover protections and other safeguards and innovative construction methods and procedures. Mr. MacCollum holds a B.S. degree from Oregon State University and is a Registered Professional Engineer and Certified Safety Professional.



In December of 2012, the Southern Arizona Chapter of the American Society of Safety Engineers established and named a Visionary Scholarship after MacCollum, in honor of his many contributions to the safety profession over more than sixty years. These include:

- *Developing design criteria for roll-over protection structures for tractors and other construction equipment in the 1950s as part of the U.S. Army Corps of Engineers
- * Serving as safety director for U.S. Army STRATCOM's worldwide communication command
- * Serving on the U.S. Department of Labor's Construction Safety Advisory Committee
- * Serving as principal reviewer of MIL-STD-882 during development of the landmark system safety standard
- * Being elected national president of ASSE in 1975
- * Receiving the highest ASSE honor by being named Fellow in 1999
- * Authoring more than 400 published articles on safety
- * Authoring three textbooks, including *Crane Hazards and Their Prevention*, *Construction Safety Planning*, and *Construction Safety Engineering Principles*
- * Frequently contributing to *Journal of System Safety* with his "Design-Based Safety" column
- * Being named to the 2010 Construction Safety Group Hall of Fame

Mark Grushka, Southern Arizona ASSE Board member, said, "We are very fortunate to have an individual like David as part of our chapter. His contributions to the body of knowledge for the safety profession are legion. His energy, focus and intellect in so many areas have resulted in better designs, which have saved numerous lives. It is only fitting that our scholarship, which will support the next generation of safety professionals, should be named in his honor."

MacCollum is also the author of a novel, *Murder by Electrocutation*. Available in paperback and on Kindle, it fictionalizes the real-life consequences of careless construction methods, and their effects beyond a worker's injury.

Approximately four construction workers are killed every day in the U.S., but for some reason there is little public outrage. MacCollum, long a champion of injury prevention by design, brings to life the challenges workers face in dangerous jobs, creating a story that makes us see beyond the statistics and demand that we apply the knowledge that would prevent most of these deaths.