

Which A&WMA Scholarship Are You Applying For?

A&WMA Scholarship awards are made in seven specific categories that are described in the table below. Applicants should identify which scholarship award category they feel their application should be evaluated for:

| Award Category | Examples |
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| Solid and hazardous waste research. <i>The highest ranked application in this category is eligible for the Richard I. Stessel Award.</i> | Detecting and identifying chemical pollutants in water and soil. Design techniques that reduce pollution and remediate (clean up) problems caused by hazardous waste. Evaluate the storage and handling of hazardous waste, the cleanup of contaminated soil or water, or other activities that impact the environment. |
| Waste management research and study. <i>The highest ranked application in this category is eligible for the Jacqueline Shields Memorial Scholarship.</i> | Evaluation of the activities and actions required to manage waste from its inception to its final disposal. This includes the collection, transport, treatment and disposal of waste, together with monitoring and regulation of the waste management process. |
| Environmental management or policy research and study related to Waste Management | Evaluation of various waste management policies or regulations to determine effectiveness. |
| Sustainability research related to Waste Management | Reduce the amount of natural resources consumed. Maximize materials reuse. Also includes Waste Minimization |
| Air pollution control and waste minimization research. <i>The highest ranked application in this category is eligible for the Dave Benforado Scholarship.</i> | Detecting and identifying chemical pollutants in the air. Design techniques that reduce pollution. |
| Environmental management or policy research and study related to Air Quality | Developing an understanding of how pollutants are emitted, transported and transformed in the air and their effects on human health and the environment. |
| Sustainability research and study related to Air Quality | Evaluation of local or national actions that may include green building and renewable energy programs, dust control programs, transit improvement projects, or effective land use planning |

Information about Named Scholarships:

Jacqueline Shields was a former A&WMA board member and an Honorary Fellow member. She was an Assistant Professor for the University of Texas Public Health MPH Program, teaching courses in Environmental Health Research in Air Pollution and Hazardous Waste. She published a book, *Environmental Health's New Directions*, in 1990. The Jacqueline Shields Memorial Scholarship is awarded for waste management research and study.

Richard I. Stessel was a Professor of Civil and Environmental Engineering at the University of South Florida and an avid A&WMA enthusiast. He influenced A&WMA's Technical Council to include greener, energy-efficient, and integrated engineering solutions in solid and hazardous waste management, using materials science and engineering together with industrial ecology, environmental, and subsurface engineering, along with geological science in innovative solid and hazardous waste management. The Richard I. Stessel Award is for solid and hazardous waste research.

Dave Benforado was a Past President of A&WMA and an Honorary Fellow member. He spent his entire career working in air pollution control and waste minimization, working at 3M as a Senior Environmental Engineer for the last 25 years of his long career. He had a passion for A&WMA and was a very dedicated member who served in many roles within the Association. He was always encouraging friends and co-workers in their professional careers. The Dave Benforado Scholarship is awarded for air pollution control and waste minimization research.