



Dan Alexander, Ph.D., P.E.

Dr. Alexander is a Registered Professional Engineer and Fireboss in WV, a Registered Member of SME and holds a PhD degree in Mining Engineering from West Virginia University. Since 2007 he has worked in mine emergency escape and rescue, coal dust explosibility, and other projects at the NIOSH Office of Mine Safety and Health Research. Dan began his career with CONSOL Energy, working on new equipment development, slurry haulage, mine feasibility, mergers and acquisitions, due diligence, methane drainage and capture, mine sealing, and mine systems optimization. He taught the WVU capstone senior Mine Design and Exploration and Valuation courses while completing a dissertation on *The Expected Value of Catastrophes in Underground Coal Mines 1987-2001*. His students earned 9 national awards for their senior design projects. He also served on the USGS peer review committee for Coal Reserve Evaluation methodology, National Coal Resource Assessment.

He has been a long time member of SME, served on many technical, service and award committees, as chair of the Pittsburgh Section and the Coal and Energy Division, and was recently installed as a SME Distinguished Member Class of 2010. He currently is an ABET program evaluator, the SME President's GEM representative and has served on the Professional Registration committee. He received the Pittsburgh Section Distinguished Member and SME Stefanko "Best Paper/Presentation" Awards and currently is Pittsburgh Section Student Affairs Committee Chair and a member of the Joint Meeting Planning Committee. "SME has always been a place where I can meet and get to know colleagues in the mining industry and learn valuable information at the same time".

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