

PAUL S. DAMERELL

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Summary

Engineer and business executive at MPR Associates for 40 yrs, starting as summer intern and retiring in 2016 as top executive. Accomplished successful technical projects (mostly for power plant customers), helping clients achieve effective results and garnering respect of coworkers and industry colleagues. Led MPR to stably and confidently grow from 100 to 220 employees, with steady revenue growth and consistent profitability. Key passion has been to work with, influence, help and guide others.

Adjunct Faculty member at Virginia Military Institute, Department of Mechanical Engineering since 2017. Teaching is a personal passion and my work goes beyond simply conveying information about engineering, to helping build successful young men and women who excel at engineering and at life.

Highlights

- Effective Leader and Manager
 - Skillful Instructor
 - Engaging Public Speaker
 - Keen Technical Expert
 - Strong Technical Writer
 - Persistent Problem Solver
 - Effective Communicator
 - Life Long Learner
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Accomplishments

Quickly rose to a position of lead responsibility on a major international testing project in thermal-hydraulics. At client request, prepared final summary reports for this \$300 million program, which were distributed widely and used by many in industry.

Leader of industry program to develop new performance models and tools for valves in nuclear power plants. Analyzed and tested fluid systems, fluid loading on valve internals, and interaction of valve / actuator components. Results approved by the NRC for use at all nuclear plants and transformed industry's understanding of valve testing and reliability.

Built and taught professional culture at MPR, a top-flight engineering firm. The culture facilitated high performance of employees and high retention.

Built infrastructure to move MPR from a small company to a successful mid-size company, including strong HR, IT, Accounting and QA departments.

Successfully taught and guided VMI cadets in core engineering subjects, using a combination of core curriculum supplemented by examples from my industry experience and by projects to help cadets exercise their knowledge in practical applications.

Experience

Virginia Military Institute 2017 – Present
Lexington, VA

MPR Associates 1976 – 2016
Alexandria, VA

Principal Officer 1999 – 2016
Senior Executive Leader for Engineering Firm serving clients in the power industry, medical products and Federal government

Group Leader**1992 – 1998**

Led and managed a group of 12 engineers and administrative staff, to ensure:

- All were engaged and working effectively
- Excellence was fulfilled in all work products
- All were growing in their careers

Engineer**1977 – 1991**

- Fulfilled client needs with analyses, tests and other technical activities
- Learned and grew in skill and knowledge
- Led teams to successfully complete projects

Summer Junior Engineer**Summer 1976**

- Learned project teamwork, successfully performed calculations
- Learned workplace professionalism and good work habits

Education

Bachelor of Science, Mechanical Engineering**1976**

Purdue University

West Lafayette, IN

With Highest Distinction

Master of Science, Mechanical Engineering (thesis)**1977**

Purdue University

West Lafayette, IN

Focus on Thermodynamics, Fluids, Heat Transfer

Additional Information

- Bible teacher at church, active in outdoors, travel, family