

Peter Ciriscioli

Leadership, Innovation and New Product Development

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I thrive on the challenge to do something that hasn't been done.

My resume will reveal tremendous success at it; some of my work has ended up in Boeing's Museum of Flight, the Smithsonian Institution, and has even been recognized by the US Secretary of Defense.

I have extensive experience with aircraft, missiles and space including a number of different ICBM programs and satellites. I authored 33 FAA approved specifications, and helped fabricate parts, components and assemblies, including supervising manufacturing for the "graveyard shift", for the all-composite LearFan aircraft. I developed the composite material manufacturing processes and the design "allowables" for the Trident II (D5) Fleet Ballistic Missile. One of my composite material innovations enabled the manufacturing of the Airbus A380 horizontal stabilizer, and a new molecule my team and I invented and patented is used on the honeycomb-composite structures of almost every commercial aircraft and military aircraft flying today.

I've successfully developed vehicle and vehicle systems too: I led development of the first hybrid electric drive for armored vehicles (<http://www.businesswire.com/news/home/20070815005658/en/BAE-Systems-Unveils-Hybrid-Electric-Drive-System>), and captured the US Department of Defense competition to integrate it into the Future Combat System's Manned Ground Vehicle ("MGV"). Our hybrid electric system was the largest at the time, 1,200 kW (1,600 Hp). I led the development of the BAE System MRAP family of vehicles, and I led the successful technology demonstration and prototype phase of the DoD's HMMWV replacement, the BAE Systems JLTV.

Recently I've been helping companies innovate: I developed and implemented a web-based innovation process across the entire 28,000 employee Vedanta Resources Group (LON:VED). I identified and advanced ideas which will yield more than \$ 3.7 billion USD revenue (and more than \$1.8 billion USD profit) for the Group.

I love complex problems that require speedy solutions and outstanding teamwork.

Please consider me for a position!

Thanks!

Peter R Ciriscioli

Willing to relocate: Anywhere
Authorized to work in the US for any employer

Ph: (408)564-1712

WORK EXPERIENCE

Consultant

Innovation and New Product Development - 2014 - Present

Innovation process and new product development: Identify innovative opportunities, develop and implement innovation processes and lead teams to develop new products and processes which meet business-case requirements.

Support Solutions Sector - Director, Strategic Capture

BAE Systems - 2003 - 2014

Business Development: Build and lead capture teams to win Government contracts in energetic materials production (RAAP), land vehicle system development and survivability systems, and operations.

Principal Engineer

ARA Corp - 2001 - 2003

Develop MEMS technology for an AFRL weapons development project.

Program Manager, Mechanical Engineering - GE Corporate Research Center

General Electric Corporation - 1999 - 2001

Helped found the Jack Welch Research Center in Bangalore India by hiring the first 40 engineers. Led the US/ India mechanical engineering organization of 300 professionals. New materials technology, nanotechnology and product development for GE Medical Systems, GE Industrial Systems, GE Transportation Systems and GE Appliances.

Chief Scientist and Director, Research

ICI Composites Corporation - 1990 - 1997

600 employees, \$325M sales, 6 US and international locations)
Strategy, creation, development and scale-up of new advanced composite material technologies and products throughout the enterprise. Only non-director or non-officer named "key employee" in SEC registration statement. Profit/loss responsibility for \$500M new business project. Participated in five acquisitions.

Vice President Engineering

Sierra Composite Design - 1985 - 1987

Fireproof composite material aircraft secondary structure design and prototype manufacture.

Group Engineer

Lockheed Missiles and Space Corporation - 1983 - 1985

Led advanced manufacturing and prototype facility. Developed composite material design allowable properties for the Trident II (D5) missile.

Senior Engineer

LearFan Corporation - Reno, NV - 1979 - 1983

Engineering authority for all aircraft metals and composite materials. Authored 33 FAA approved specifications.

Research Engineer

Oregon Metallurgical Corporation - Albany, OR - 1978 - 1979

Developed manufacturing process for Titanium alloy Beta-3 and sand casting of Zirconium.

Senior Engineer

FMC Corporation - Central Engineering Laboratories - 1976 - 1978

Conducted over 200 failure investigations, Bradley Fighting Vehicle materials authority.

EDUCATION

Doctor of Philosophy in Mechanical Engineering

Stanford University - Palo Alto, CA 1990

Master of Science in Materials Science and Engineering

University of California - Davis, CA 1976

Bachelor of Science in Materials Science and Engineering

University of California - Davis, CA 1975



AWARDS

1. 2011 BAE Systems Chairman's Bronze Award - RAAP Capture
2. 2009 Colin Archer Award for Engineering Excellence - NATC
3. 2008 BAE Systems Chairman's Super Bronze Award - JLTV Capture Team
4. 2008 BAE Systems Chairman's Bronze Award - JLTV FoV Commonality
5. 2008 BAE Systems Chairman's Bronze Award - JLTV Integrated Design Team
6. 2008 BAE Systems Chairman's Bronze Award - JLTV User Centric Design Team
7. 2004 UDLP Discretionary Award for Hybrid Electric Drive
8. 2004 UDLP Discretionary Award for Composite work on CICM
9. 2002 Frontiers in Engineering, National Academy of Engineering
10. 1998 U.S. House of Representatives, Certificate of Recognition
11. 1998 California State Senate, Certificate of Recognition
12. 1998 California State Assembly, Certificate of Recognition
13. 1998 Outstanding Alumni, Merced College
14. 1998 Letter of Recognition, City of Merced
15. 1995 Frontiers in Engineering, National Academy of Engineering
16. 1994 Certificate of Appreciation, American Society of Mechanical Engineers
17. 1990 Dow Chemical Award for Excellence in Composites Research (Cash Prize)
18. 1990 Post-Doctoral Research Fellowship, Aero/Astro Dept., Stanford University.
19. 1990 - 1988 Research Associate, Mechanical Engineering Dept., Stanford.
20. 1975 - 1977 Graduate Research Assistantship, University of California, Davis.
21. 1971 Congressional appointment to U.S. Merchant Marine Academy, Kings Point, NY.
22. 1971 Congressional appointment to U.S. Naval Academy, Annapolis, Maryland

PATENTS

1. Curable Compositions (#6,242,083)
2. At least trifunctional epoxy resin reacted with solid rubber (#6,013,730)
3. Washerless Vacuum Port (#4,858,966),
4. Pressure Responder (#4,758,699),
5. Heat Insulating Blanket (#4,522,673)
6. Armored Window System (#8,037,802)