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7-15-2011

## CEAS e-news 07.15.2011

College of Engineering and Applied Sciences

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July 15, 2011

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[www.wmich.edu/engineer/news.htm](http://www.wmich.edu/engineer/news.htm)

"Engineering is the art of organizing and directing men and controlling the forces of nature for the benefit of the human race"  
~ Henry G. Stott, 1907



## CEAS News

### Stepping Up to Better Health 10,000 Steps a Day

A new fitness campaign at WMU pits teams of 5 in a competition to improve their overall fitness and health. CEAS has 3 teams participating and in just over 2 weeks they have racked up over 3,115,528 steps. Team Chaos members are: Tammy Bergman, Anita Ludwig, Carey Schoolmaster, Edmund Tsang, & Hanna Wells. Get Up & Go Girls members are Erin Baker, Nancy Landsberger, Janet Liebendorfer, Karen Lawrence, & Judy Seymour. What Were We Thinking members are: Annette Cummins, Mary Fosburg, Ann Mathis, Kay Mortellaro, & Klaz Welch. Good luck to all the teams.



### Dean of CEAS, Dr. Anthony J. Vizzini is elected as the President of the Society for the Advancement of Material and Process Engineering (SAMPE) 2011

Dr. Vizzini along with the rest of the SAMPE executive board members, will supervise SAMPE's two largest North American Conferences: SAMPE Tech, October 17-20, 2011 in Fort Worth, Texas; and SAMPE 2011, May 21-24, 2012 in Baltimore, Maryland. In addition to the North American conferences, the cabinet will supervise SAMPE Asia taking place February 21-22, 2012 in Kuala Lumpur. The implementation of new international policies will also be directed by the members of the executive cabinet.



Dr. Anthony J. Vizzini

The Society for the Advancement of Material and Process Engineering (SAMPE) is an international society with a membership of professionals. As the only technical society that includes all fields of endeavor in materials and processes, SAMPE presents a distinctive and valuable opportunity for engineers, scientists, designers, and educators to meet and discuss ideas. Promoting market diversification, SAMPE disseminates information about the commercial and industrial applications of material and processing engineering. These include land transportation, construction, marine, biomedical and medical, sports and recreation, and industrial applications. It is SAMPE's opinion that the well being and career development of its members as well as the industry by which they are employed requires that technology transfer be successful.

automotive and space applications. Development of unmanned aerial systems and satellite engineering.

For more information about SAMPE visit:

[SAMPE](#)

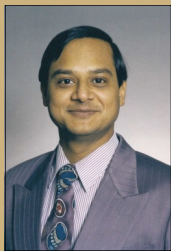
For more information about SAMPE executive board visit:

[SAMPE Executive Board](#)

For more information about CEAS visit:

[CEAS](#)

### Computer Science Professor Dr. Ajay Gupta Wins IEEE Leadership Election



Congratulations to **Dr. Ajay Gupta** on being elected as the Chair of the IEEE Technical Committee on Parallel Processing (TCPP).

Dr. Gupta is also the Director of the Wireless Sensornets (WiSe) Lab, and the Graduate Program Director here at the

College of Engineering & Applied Sciences. The IEEE Computer Society is one of the world's leading membership organizations for computing professionals. Dr. Gupta's research interests include high performance computing, sensor systems, cloud computing, mobile computing, web technologies, computer networks, evolutionary computation, scientific computing, and design and analysis of parallel and distributed algorithms.

For information on IEEE and TCPP visit:  
<http://www.computer.org/portal/web/tandc/tcpp>

Dr. Vizzini is also the President of the American Society for Composites, serves on the editorial board of the Journal of Advanced Materials, is an ABET program evaluator, is an Associate Fellow of the AIAA, and is a Fellow of the American Society for Composites. He assumed his current position as the Dean of the College of Engineering and Applied Sciences at Western Michigan University in 2009. He is the author of over 100 articles and has been involved in the design and manufacture of composite structures for space applications and uninhabited air vehicles.

Dr. Vizzini's specialty areas include:

Response and failure of composite structures, in particular, energy absorption and crashworthiness, tailoring techniques to improve structural integrity, and damage tolerance of sandwich structures. Manufacturing methods for polymer based structural components including affordable manufacturing and manufacturing for

### Manufacturing Engineering Chair Dr. John Patten, Named One of the 2011 Thought Leaders in Energy



**Dr. John Patten** is one of five professionals around West Michigan recognized by Business Review. Dr. Patten is the Chair of the Manufacturing Engineering department and Director of the WMU Manufacturing Research Center (MRC) at the College of Engineering & Applied Sciences Parkview campus. At the MRC Dr. Patten has started the Green Manufacturing Initiative and the Green Manufacturing Industrial Consortium.

You can celebrate these individuals at an upcoming networking event.

When: June 16, 5-6:30 p.m.

Where: Grand Rapids Art Museum, Grand Rapids

Cost: Free

Register: [thoughtleadersenergy.eventbrite.com](http://thoughtleadersenergy.eventbrite.com)