

Impact

Scholarly  
Endeavor



Invention

Outstanding  
Leadership

1974-2009

# An Historical Journey of EXCELLENCE

*Medal of Excellence in Composite Materials*

University of Delaware  
Center for Composite Materials

SPECIAL

## BULLETIN

June 2009

It's with great pride that the Center for Composite Materials at the University of Delaware celebrates its 35th anniversary in 2009. Founded in 1974, CCM has made significant contributions to composites science and technology, the education of students, and the creation and transfer of technology to industry.

CCM is an organization that has a strong history and an incredibly promising future. Two decades ago, we predicted that the "Future is Composites." The future continues to look extremely hopeful for these advanced materials that offer a myriad of useful properties and exceptional functionality.

**Charles Parks**, internationally recognized Wilmington sculptor, designed the Medal of Excellence. The visages of the four initial Medal of Excellence winners – Dr. Zvi Hashin, Dr. Tsuyoshi Hayashi, Dr. Anthony Kelly, and Dr. Stephen W. Tsai – are depicted in a three-inch diameter, circular bronze casting. The reverse side of the Medal features the recipient's name inscribed in a scroll beneath the seal of the University of Delaware. The striking of the medal in 1984 was supported by generous grants from the DuPont Company, Hercules, Inc., ICI Americas, Inc., and Toray Industries (America), Inc.

Please join us over the next few months as we honor our previous Medal of Excellence winners and experience CCM's long, successful, and extraordinary journey of excellence.



1984 INAUGURAL  
WINNERS



**Dr. Zvi Hashin**

Honorable member, National Academy of Engineering, 1972 Landau Prize recipient, former President of the Israel Society of Theoretical and Applied Mechanics, delegate to IUTAM, fellow of the American Society of Mechanical Engineers, and former Scientific Advisor to the Materials Sciences Corporation.

[Click to view full bio](#)



**The Late  
Dr. Tsuyoshi Hayashi**

Honorable member, National Academy of Engineering, first President of the Japan Reinforced Plastics Society, Chairman/Technical Committee member of National Aerospace Development Agency, Chairman, Composite Materials Research and Development Committee for Future Industry, MITI, President of Japan Plastics Inspection Association, President of Japan Society for Testing Plastics.

[Click to view full bio](#)



**Dr. Stephen W. Tsai**

Honorable member, National Academy of Engineering, writer of one textbook and editor of three books; published numerous articles and initiated a composite materials training course utilizing portable and personal computers, several formulas in composite materials bear his name, member of Tau Beta Pi, Sigma Xi, American Society of Mechanical Engineers and the Society of Aerospace Materials and Process Engineers.

[Click to view full bio](#)



**Dr. Anthony Kelly**

Honorable member, National Academy of Engineering, recipient of several major prizes and awards, Fellow of the Royal Society, writer of over one hundred scientific papers and author of five books, former Director of the British Non-Ferrous Metals Research Association, and former Chairman of the Engineering Materials Requirements Board of the Department of Industry.

[Click to view full bio](#)

1985 WINNER



**Dr. Walter B. Rosen**

Retired Adjunct Professor in the Department of Mechanical Engineering and Engineering Mechanics at the University of Pennsylvania, founder and President of Materials Sciences Corporation, and former consultant and Lecture Series Director for the NATO Advisory Group for Aerospace Research and Development Organization.

[Click to view full bio](#)

## EVENTS PREVIEW

***CCM 35th Anniversary - September 14, 2009***

The following provides a brief overview of some of the events planned in conjunction with CCM's 35th anniversary. Check our web site frequently at [http://www.ccm.udel.edu/News/35th Anniversary.html](http://www.ccm.udel.edu/News/35th_Anniversary.html) for updates and more details:

An afternoon reception will be held at the Composites Manufacturing Science Laboratory. This will be an ideal opportunity to reconnect with fellow alumni and friends, faculty, and professional staff members as well as to network. A CCM overview and tours of our labs, all of which have been renovated over the past five years, are planned. A poster session will be held to provide a forum to learn more about our research activities and meet the current group of CCM alums.

\* As a special event of the **ASC/CACSMA Technical Conference**, CCM will present the Medal of Excellence in Composites at the ASC Conference banquet on the evening of September 16th.

\* On September 15, a symposium honoring Professor Tsu-Wei Chou for his 40 years of service to the University and his pioneering contributions to composites science and technology during that period will be held during the ASC Conference and will include invited presentations by international experts in the field of composites science.

**Please click here for Prof. Chou Symposium flyer.**

We look forward to celebrating this milestone with all of you.

Celebrating 35 years of  
significant contributions  
to composites science and  
technology, the  
education of students, and  
the creation and  
transfer of technology to  
industry

