



IEEE Crosstalk



The Monthly Newsletter of the Mid-Hudson Section of the IEEE

Volume XL, No 3, May 2001

Chairman's Corner

As we come to the close of another academic year and step into the traditional vacation season we must again take the opportunity to recreate, refresh, and enjoy some time with family and friends away from the hectic pace we tend to set for ourselves. In our quest for more bandwidth, more information, instant response and total connection to everything everywhere, we must not forget how to uncouple and enjoy the simple things that remind us what it's all about. How about a hike in the woods in this beautiful Mid-Hudson Valley? There are many relaxing day trips and sights to see right nearby, <http://www.dutchesstourism.com/>, <http://www.ocny.com/>, and easy ways to find out about them as long as we're still connected. I wouldn't advocate not being prepared for emergencies, but can we leave the cell phone off? Do we really need the lap-top on vacation or even a long weekend break? Pass up the kiosk at the airport and do without that last piece of data or calendar update. It's time to relax and I hope everyone of you gets to enjoy a healthy, safe and happy summer season.

Now, I should be able to get that latest stock quote, and oh yeah, make sure they have the pizza ready for me to pick up on the way home!

At the close of March we had another good show for science and engineering in our community. See the write-up on page 3 about the Dutchess County Regional Science Fair for middle and high school students.

William F. McCarthy, Chair
wfmcc@ieee.org

Other links of interest:

How about some Tesla coil experiments: <http://www.noonco.com/>

Mid-Hudson Section Website

<http://www.ewh.ieee.org/r1/mid-hudson/index.htm>

Mid-Hudson Section Leadership



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Electron Devices Society: Michael Hargrove
Computer Society:
Education Society: Kurt Webber



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June Meeting: Mid-Hudson Section Annual Dinner Meeting

Feeling Stressed?

How about a relaxing dinner and discussion on the ABC's of stress management?

Come with your guests and join us for our annual Mid-Hudson Section Dinner Meeting featuring guest speaker Dr. Elizabeth Teed.

Dinner choice of Chicken Francese, Veal Parmigiana, Stuffed Salmon
\$22 / person

Reservations required by Tuesday May 29th. Please indicate choice of entrée
And make checks payable to IEEE Mid-Hudson Section.

Mail to: William F. McCarthy
47 Tor Road
Wappingers Falls, NY 12590

CONTACT: William F. McCarthy
Chair, Mid-Hudson Section
Phone: 845-433-1634 (W) 845-297-7738 (H)
<mailto:wfmcc@ieee.org>

DATE: Tuesday, June 5th, 2001

TIME: 6:30 PM

LOCATION: Milanese Restaurant
115 Main Street
Poughkeepsie

TOPIC: The ABC's of stress management.
Learn to maximize productivity, increase your energy, improve the overall quality of your life and better manage your stress by changing the way you think, feel and behave.

SPEAKER: Dr. Elizabeth Teed
BA, MA in Community and Counseling Psychology
Ph.D in Clinical Psychology
Marist College – Director, Office of Community Psychology,
Professor of Graduate Psychology;
St. Francis Hospital Alcohol and Substance Abuse Clinic – Psychologist working with adults and adolescents

The following was submitted by Dr. Jean R. S. Blair and Dr. Barry L. Shoop who graciously volunteered as judges representing the Mid Hudson Section during the Dutchess County Science Fair.

42nd Annual Dutchess County Regional Science Fair

On Saturday, March 31, 2001 members of the Mid-Hudson Section of the IEEE participated in the 42nd Annual Dutchess County Regional Science Fair, held at Dutchess Community College. A total of 340 science projects represented the best middle school and high school science projects for the region. There was a wide range of projects spanning 5th through 9th grades with the distribution of projects shown here:

- 119 projects from individual 5th graders
- 11 projects from teams of two 5th graders
- 71 projects from individual 6th graders
- 9 projects from teams of two 6th graders
- 63 projects from individual 7th graders
- 43 projects from individual 8th graders
- 7 projects from individual 9th graders
- 17 projects from individual 10th, 11th, and 12th graders

Dr. Jean R. S. Blair and Dr. Barry L. Shoop judged nearly 45 of these science fair entries that were in the fields of electrical, electronic, and computer engineering. The Mid-Hudson Section of IEEE awarded three prizes for the best projects in an area of electrical engineering or computer science. The winners were chosen based on the application of the scientific method, their understanding of the underlying principles of the project, and their ability to clearly communicate their approach and results. The top three winners were presented with a check and certificate on behalf of the Mid-Hudson Section of the IEEE. The winners, their school, and their project titles were:

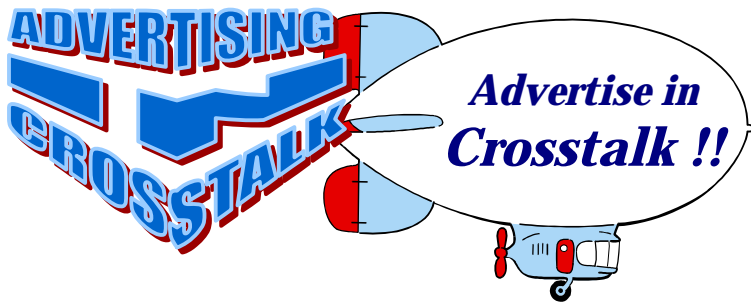
- First Place (\$75.00) **Emily Gullick**, a 9th grader from John Jay High School, “What is the best arrangement to get the most power from solar cells?”
- Second Place (\$50.00) **John Calandrello** and **Tom Moseman**, 5th graders from Myers Corners Elementary School, “Electromagnetic Crane.”
- Third Place (\$25.00) **Kevin Stefani**, a 7th grader from St. Mary’s of Fishkill, “Photo Watt? Does changes in light wavelength (color) effect the output?”

It was a great experience to see the efforts of so many excited young aspiring scientists and engineers. This was a great opportunity to see the youth of our community participate in activities in our professional field. We have some great kids out there that will make great engineers!!

Member Advancement

Mid-Hudson members Jean R S Blair and Maharaj Mukherjee have advanced to Senior Member.

Congratulations!



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