

*The past few months have been quite busy for SWeNT. And although you are too busy to hear about all that has been going on, we would like to highlight some important news for you!*

## Grants and Applications News

### OCAST Grant

SWeNT and the University of Oklahoma (OU) received a Lithium Ion Vehicle Battery Development Grant from the Oklahoma Center for the Advancement of Science and Technology (OCAST).

This \$500,000 grant will be used to develop CNT-enhanced cathode materials for the production of low-cost and highly efficient Li-ion electric vehicle batteries.



### SWeNT Materials Used in Enhanced Body Armor



We've joined forces with NanoRidge Materials, Inc. in the DARPA Challenge for enhanced armor. SWeNT CNT's are being used to help create stronger, lighter armor that significantly improves resistance to impact and reduces bullet penetration depth. SWeNT's SMW100 is incorporated into enhanced body armor to better protect soldiers and law enforcement officers from small arms fire.

## Recent Events

### Oklahoma Congressional Delegation Tours SWeNT Facilities

A delegation of U.S. legislative representatives from Oklahoma recently visited SWeNT's state-of-the-art carbon nanotube production facilities. Pictured (left to right) SWeNT Director of R&D, Ricardo Prada; Jason Grassie, from Rep. Lucas' office; Patrick Large, from Rep. Sullivan's office, Michelle Altman from Rep. Fallin's office and SWeNT CEO Dave Arthur. To the right of Dave, is Steve Waskiewicz, from Rep. Cole's office, as well as Retired Col. Anthony Lazarski and Major Erik Berdy, from Senator Imhofe's office. Other participants pictured here are Jaryd Bern from Rep. Boren's office, and Chris Caron from Rep. Cole's office.



### SWeNT CEO Presents Paper at NanoBusiness Alliance Conference

SWeNT's CEO, David Arthur presented a paper on "CNT Coatings for Printed 2010 Electronics & Energy Storage Applications" at the NanoBusiness Alliance 2010 conference in Chicago on September 27. The NanoBusiness Alliance was created to help advance the emerging business of nanotechnology and microsystems.

## Events

- Dave was a Keynote Speaker at the 2010 NSF Nanoscale Science and Engineering Grantees Conference December 6-8 in Arlington, VA. on "Perspective of a Start Up That Has Moved Through Scale-up Into Commercialization."
- To close out our busy show schedule this year, SWeNT will also be at the NNI Nanotechnology Innovation Summit from December 8-10 at the Gaylord National Hotel & Convention Center in National Harbor, Maryland.
- Next February SWeNT will be exhibiting at the Flexible Electronics & Displays Conference in Phoenix (Flextech) as well as the Society for Information Displays (SID) exhibition in May.

## New Additions to the SWeNT Family

*We have made a number of critical staff additions to support grants we have received and to prepare for significant commercial sales growth early next year.*



**Eusebio Roman** has joined SWeNT's team as plant manager. Previously he was a plant manager at Johns Manville, a site manager at BioLab (a subsidiary of Great Lakes Chemicals) and worked at PPG for 23 yrs in both engineering and operations.



**Grace Felter** joins SWeNT's team as program manager with experience managing large teams and projects across business segments. Before SWeNT, she worked at Anteon Corporation followed by Dell Corporation where she was a project manager.



**Randall Kooiman** has more than 20 years of engineering, facilities management and process improvement experience within refining, chemical plant and fractionation operations. He will be the new plant engineer at SWeNT. He previously was president at Plant Management, Inc. in Oklahoma focusing on start-up operations, growth and optimization. Before that he worked at ONEOK Hydrocarbon (formerly Koch Hydrocarbon) as a manager of fractionator operations and Koch Hydrocarbon as VP and plant manager.



**John Hagerstrom** joined SWeNT's team as business development manager. Most notable in John's employment history is his experience as technical sales manager at Hyperion Catalysis International, a manufacturer of CNT composite materials, and as well as various sales and marketing positions at Cabot Corporation, a major producer of carbon black, in various sales and marketing management positions.



**John-David Rocha** joined SWeNT's team as a research scientist. He previously was a postdoctoral researcher at the National Renewable Energy Laboratory (NREL) in Colorado, where he expanded studies of fundamental single-walled carbon nanotube photo-physical properties and changes due to refined separation techniques. He also worked at the University of Rice in Texas developing analytical methods for efficient bulk characterization of single-walled carbon nanotube sample compositions.



**Sean Connor** joined SWeNT's team as an R&D Engineer. He recently held an internship at Yuba Heat Transfer, LLC and worked as a Research Assistant at the University of Oklahoma. Sean received his B.S. in Chemical Engineering at the University of Oklahoma.



**Chris Edwards** joined SWeNT's team as a Plant Technician. Before joining SWeNT, Chris worked at LensCrafters as a Lab Technician and Manager. He brings his knowledge of safety regulations that include proper storage and use of chemicals as well as machine maintenance for efficient productivity.



**Samina Azad** joined SWeNT's team as laboratory manager from STERIS Corporation in Ohio as a senior scientist and supervisor. She also worked for GrafTech Carbon Company, Rice University and the Pacific Northwest National Laboratory.



**Ted Lowery** has joined SWeNT's team as a laboratory technician. Prior to SWeNT, Ted was working at Environmental Management Inc, as an Emergency Spill Coordinator. He also spent 11 years at Interplastic Corporation previously in quality management efforts. He has an extensive background in environmental health and safety.



**Wei Chen** joins SWeNT's team as an award winning and innovative research scientist with nearly a decade of nanotechnology experience. He previously was a postdoctoral research scientist at the University of Dayton, Ohio for the Department of Chemical and Materials Engineering. He has published 23 research articles in prestigious journals and has seven patent applications as well as IEEE senior membership.

*[Also note additional planned hires: production technician, quality engineer, senior scientist; energy storage materials.]*

As always, if you have other questions concerning our products and research, please call us at 405-217-8388 or contact us at [info@swentnano.com](mailto:info@swentnano.com)

*With the addition of another business development professional (coming soon), we will be staffed for the dramatic growth expected in 2011.*

*That's all the news for now. Enjoy the upcoming holiday season.*



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