2013 Thanksgiving Potluck

AMRI faculty, students and staff joined the Chemistry Department on Friday, November 22, 2013, to celebrate the spirit of Thanksgiving. Everyone gathered in the Chemistry lounge and enjoyed a potluck style dinner including the traditional turkey as well as various international dishes brought by graduate students. Thanks to all who contributed to making this event a tasty success!

THE DIRECTOR’S CORNER

As we approach the beginning of a new year, I want to thank all of our faculty, students, and staff for their hard work during this year, and to encourage you to keep up the good work. We also look forward to our next Annual AMRI Review which will take place on February 27, 2014, and to the prospect of new grants which will expand the scope of our research in the areas of materials science. I wish all of you a safe and happy holiday season.

--- Leonard Spinu

Warm regards to Dr. Abdul Faisal Alobaidij for his contributions to AMRI as a visiting scholar. Dr. Faisal came from the University of Technology in Baghdad, Iraq. He worked in Dr. Weilie Zhou’s lab on the synthesis of metal oxide nanowires by methods such as Hydrothermal and Chemical Vapor Deposition (CVD) etc. for their potential application in gas sensors and energy harvesters.

Attendees enjoy the tasty treats.
2013 AMRI Christmas Party

AMRI faculty, students and staff gathered on Wednesday, December 18, 2013, to celebrate Christmas. The AMRI conference table was filled with a variety of party foods and desserts. Thanks to all who brought a dish and helped make the event a success!

Attendees enjoying the festivities

AMRI Graduate Student Completes Doctorate

Congratulations are in order to AMRI Graduate student, Andrei Diaconu, who successfully completed his doctoral studies. Dr. Diaconu’s dissertation title is “Ultra-low Temperature Measurements of London Penetration Depth in Iron Selenide Telluride Superconductors.” He has accepted an Assistant Professor position at “Stefan cel Mare” University in Suceava, Romania.

Recent Publications


Recent Presentations

Core/shell Nanowire Arrays with Type II Heterojunction for Three-Dimensional Photovoltaic Device Fabrication” Weilie Zhou, TACT 2013 International Thin Film Conference, Oct.5-9, 2013 Taipei, Taiwan (Invited)

“Three Dimensional Nanostructures for Next Generation Devices”, Weilie Zhou, College of Electrical Engineering & Computer Science, National
Taiwan University of Science and Technology, Taipei, Taiwan, Oct. 8, 2013 (Invited)


“Hysteretic Effect in Si-Based Diode with Embedded BTO Ferroelectric Nanoparticles” R. Eskandari. Poster presentation at the MRS Fall 2013 Conference, Boston, MA, December 2, 2013.


Grants


**New Orleans Regional Collaborative (NORC) for STEM Retention**, PI: A. Sunda-Meya (Xavier), UNO PI: K.L. Stokes, NASA, $500,000 total, $78,300 UNO, January 2014 – August 2015.


Other News

Former AMRI Postdoctoral Research Associate, **Dr. Jose Marcelo Vargas**, accepted a new position in his home country of Argentina. He will be in a permanent research position at the Resonance Laboratory of the National Atomic Energy Commission, in Rio Negro, Bariloche, where he will be able to conduct his own research projects. We thank Jose for all of his work here at AMRI, and wish him well in his new position.

Dr. Leszek Makinski's research was featured on the cover of Magnetics Technology International magazine. Dr. Leonard Spinu also has an article in the issue. The link to the magazine is http://www.ukipme.com/pub-magnetics.php