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Welcome to the January issue of the ONAMI Newsletter.

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### **In Other News**

#### **Executive Director's Letter, by Skip Rung**

I hope you enjoyed our first commercialization newsletter last month. In the near future, you'll also get to meet our new "High Tech Extension" director, Janet Teshima, who is working to connect industry users with our NWNanoNet™ set of shared facilities.

This month our focus returns to green nanotechnology, where great things continue to happen. Not least is the announcement of our latest signature faculty fellow (Stacey Harper, see below) and two recent major awards from DoE and NSF (see our news archive) related to green nanotechnology methods for advanced thin films. I have written a little more about this subject in my most recent Nanotechnology Now column (see <http://www.nanotech-now.com/columns/?article=272> ).

But most importantly, our annual Greener Nano Conference –at both Invitrogen's outstanding Eugene facility and the ONAMI-affiliated Lorry I. Lokey labs at UO - is only one month away. I hope to see you all there!

And you might want to mark your calendars now for the September 21-23, 2009 Micro Nano Breakthrough Conference. The Call for Abstracts has just gone out.



#### **Advance Registration Closes Soon for ONAMI Greener Nano 2009**

We have posted the program for our annual signature Greener Nano Conference, organized by our Safer Nanomaterials and Nanomanufacturing Initiative, and supported by the U.S. Air Force Research Laboratory. The conference will be held March 2-3, 2009 at Invitrogen's growing Eugene, Oregon R&D and manufacturing campus, and will feature internationally recognized keynote speakers Dr. Hilary Godwin of UCLA, director of the new Center for the Environmental Implications of Nanotechnology, and Dr. Donald Tomalia, a pioneer in green chemistry applied to the manufacture of dendrimers, and more.



This is the premier event in the field of green nanotechnology, on which much depends, and where growing federal emphasis is expected. The conference includes a full review (presentations and posters) of ONAMI's world-leading green nanoscience program.

Complete program and registration information may be found at <http://oregonstate.edu/conferences/greenernano2009/>

## ONAMI and OSU Welcome Newest Signature Faculty Fellow

With the beginning of the new year and winter term, ONAMI and Oregon State University are thrilled to announce our 6th ONAMI Signature Faculty Fellow, Dr. Stacey Harper, a nationally recognized leader in the science of nanomaterial-biological system interactions. Dr. Harper is an active contributor to the ONAMI Safer Nanomaterials and Nanomanufacturing Initiative, and serves as ONAMI's representative on selected committees, including the ANSI-Accredited U.S. Technical Advisory Group to ISO/TC 229, steering committee for the Nanotechnology Occupational Environmental Health and Safety Conference, ISO/TC 229 International Task Group on Nanotechnologies and Sustainability, and the NIEHS NanoHealth Enterprise. Dr. Harper's promising work on establishing a Nanomaterials-Biological Interactions Knowledgebase has received recognition on a national scale.



## Call for Abstracts Issued for the 2009 Micro Nano Breakthrough Conference

MNBC 2009: "Science, Networking and Commercialization for the Innovation Economy", co-hosted by ONAMI and Washington Technology Center, will be held September 21-23 in Portland, OR. Last year's conference attracted 332 participants and 35 sponsors/exhibitors. It featured 4 half-day short courses, 41 papers in 10 technical sessions, 47 research posters and a closing panel on how technology startups gain traction.



Keith Ritala of the University of Washington and Skip Rung of ONAMI will be the 2009 program co-chairs, and have just issued a Call For Abstracts (see [www.micronbc.org](http://www.micronbc.org)), due March 31, 2009. The 2009 program will include a stronger focus on commercialization, with technical sessions following a 3-paper format: topic state of the art review, research topic, commercialization example. The tentative session topics include:

- advanced MEMS devices and applications,
- sensors and systems,
- nanoelectronics and bioelectronics,
- printed and solution-processed devices and systems,
- nanomaterial design,
- synthesis and scale-up,
- nanomaterials for clean-tech applications,
- nano-bio technologies,
- micro-energy and chemical systems,
- nanoscale imaging and chemical analysis,
- nanomedicine and cancer therapies, and
- nano-optics and optoelectronic technologies.

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