

The National Nanotechnology Initiative (NNI)

Sensor Fabrication, Integration, and Commercialization Workshop

September 11 & 12, 2014

**In support of the Nanotechnology Signature Initiative
Nanotechnology for Sensors and Sensors for Nanotechnology:
Improving and Protecting Health, Safety, and the Environment**

WORKSHOP AGENDA

Day 1

8:00 Registration and Networking

9:00 Welcome Remarks: [Lloyd Whitman –NNCO](#)

9:15 Overview of Sensors NSI, Purpose of Workshop: [Lisa Friedersdorf –NNCO](#)

9:30 Keynote presentation – Case Study on Commercialization Success: [Ernie Streicher –John Deere](#)

10:30 *Break*

10:45 Keynote presentation –Navigating from Lab to Market: [Sydney Ulvick –In-Q-Tel](#)

11:30 Keynote presentation –Navigating the Regulatory Process: [Kevin Lorick –FDA/CDRH](#)

12:15 *Lunch*

13:30 Keynote presentation –Navigating the Regulatory Process: [Ronald Williams –EPA](#)

14:00 Small Business Panel: Nanotechnology for Sensors and Sensors for Nanotechnology: Challenges Faced in the Commercialization of Sensors: Paul Shapiro –EPA

- [Abhishek Motayed –N5Sensors](#)
- [Ray Chen –Omega Optics](#)
- [Steve Gibbons –Brewer Science, Corp.](#)
- [Omowunmi Sadik –Binghamton University](#)

15:45 *Break*

16:00 Summary of Request for Information: [Dorothy Farrell –NIH/NCI](#)

16:30 Recap and Preview of Day 2

16:45 Poster Session and Networking

19:00 *Adjourn*

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WORKSHOP AGENDA (Cont.)

Day 2

8:30 Opening Remarks- Charge to Participant: [Dorothy Farrell –NIH/NCI](#)

8:45 Federal Panel- Programs and Resources to Support Sensor Research and Development

- [Eddie Chang –NSF](#)
- [Hongda Chen –NIFA](#)
- [Dorothy Farrell –NCI](#)
- [Mark Hoover –NIOSH](#)
- [Kim Sapsford –FDA](#)
- [Steve Semancik –NIST](#)
- [Paul Shapiro –EPA](#)

10:15 *Break*

10:30 Breakout Session I: Standards and Testing

12:00 *Lunch*

13:00 Breakout Session II: Manufacturing and Commercialization

14:30 Breakout Session Reports: [Mark Hoover –NIOSH](#)

15:30 *Break*

15:45 Identification of Key Challenges –Next Steps and Road Mapping Discussion:
[Dorothy Farrell –NIH/NCI](#) and [Lisa Friedersdorf –NNCO](#)

17:15 Summary and Closing Comments

17:30 *Adjourn*