

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

Agenda, Draft

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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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*