



Nanotechnology Manufacturing and Research and Development Advisory Committees

November 16, 2006 1:00 p.m.

Speaker's Conference Room, General Assembly Building

- **Call to order, roll call:** *Roll call and chairman's welcome.*

Delegate Purkey called the meeting to order.

- **Nanotechnology Whitepaper Discussion:** *The subcommittee appointed by Delegate Purkey will present the first draft of the Nanotechnology Whitepaper to be distributed to the 140 legislative members at the commencement of the 2007 Session.*

Lisa Friedersdorf began the discussion by stating that all workgroups suggested forming some type of organization dedicated to nanotechnology. All workgroups agreed that this would be a long-term goal for Virginia and focused the remaining time discussing the short-term recommendations developed by the workgroups. For each of the short-term recommendations the advisory committee discussed what type of legislation, if any, would be necessary. The following is a list of short-term recommendations and the type of action needed to implement the recommendation:

1. **Policy Position:** Support legislation introduced in the 2007 session of the Virginia General Assembly which addresses the adverse impact of the machinery and tools tax on Virginia's manufacturing sector in collaboration with the Virginia Manufacturer's Association, the Virginia Municipal League, and the Virginia Association of Counties.
2. **Resolution:** Request universities to develop policies to enable networking of and access to nanotechnology instrumentation at Commonwealth institutions, forming a Nanotechnology Users Network.
3. **Bill:** Add Nanotechnology to the list of eligible industries targeted for location in Virginia Technology Zones, which enables local governments to design incentive programs for the recruitment and growth of technology-based enterprises.
4. **Resolution:** Request the Virginia Economic Development Partnership to:
 - Aggressively recruit nanotechnology companies to VA.
 - Promote Virginia's nanotechnology businesses and products.

- Promote the pro-nanotechnology business environment in Commonwealth of Virginia.
 - Get visibility from regional and national associations.
 - Determine current economic impact of nanotechnology in collaboration with the Virginia Employment Commission.
5. **Policy Position:** Support legislation during the 2007 Session similar to HB 935 (2006), creating a Commonwealth non-stock corporation that encourages private sector research collaboration with state universities.
 6. **Policy Position:** Support legislation during the 2007 Session similar to HB 329 (2006), which creates a technology and biotechnology R&D fund to attract (and assist existing) companies to the Commonwealth and fund at a level of \$25 million.
 7. **Policy Position:** Support funding of the Virginia Mathematics, Science, and Technology Education Grant Program established under HB 1244 (2006).
 8. **Policy Position:** Support the continuing work of the HJR 25 study on how to systematically enhance Science and Mathematics education in Virginia.
 9. **Resolution:** Request the Department of Education to convene a workshop with participation from key university and industry stakeholders engaged in K-12 outreach activities to identify best practices, pursue collaborative activities, and define a set of actions that will facilitate student participation in STEM fields and drive workforce development.
 10. **Resolution:** Request the Manufacturing Extension Partnership, in partnership with Virginia's institutions of higher education and in collaboration with the Virginia Manufacturers Association, to determine potential applications of nanotechnology to production processes at Virginia's existing and future manufacturers.
- **Open discussion:** *This is an opportunity for the advisory committee to engage in an open discussion regarding the whitepaper or present new areas of study for the advisory committee.*

The advisory committee will formerly recommend JCOTS host a Nanotechnology Day on January 24th 2007. The advisory committee also discussed the need to continue meeting, but on a more frequent basis (6-9 meetings per year). The advisory committee voted unanimously to recommend the executive summary, whitepaper, and short-term recommendations to JCOTS.

- **Public comment:** *Members of the public be given the opportunity to express their views about the advisory committee and its work.*

There was no public comment.

