



Nominee:

Recognition of Innovation and Outstanding Service to Members of a Division



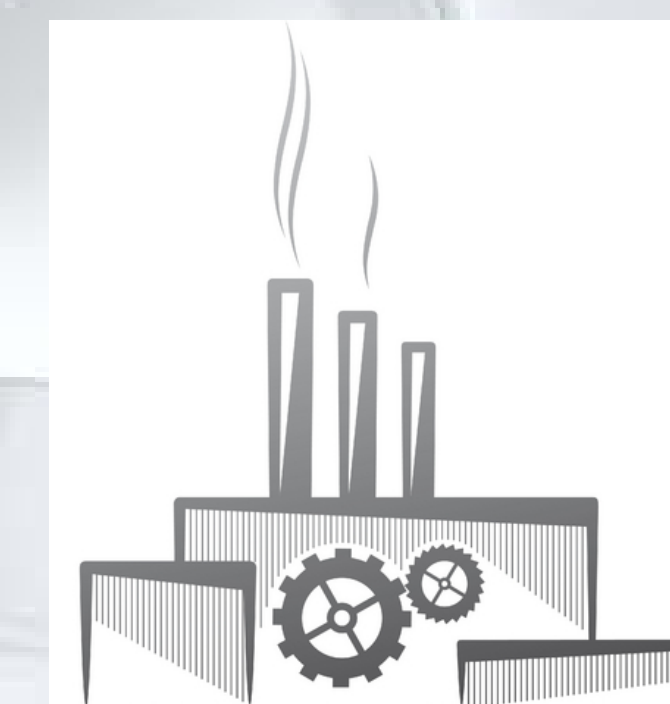
Job Growth in *This* Economy?: Clinical Supply Manufacture and Local Economies of Scale

Bringing clinical supply manufacturing (CSM) to Massachusetts is **smart, green, and job-creating** – faster, better and more reliable for the environment as well as the local economy. It is currently undersupplied in the region because it is outsourced to distant contract organizations

Locating CSM sites near pharmaceutical R&D facilities has the potential to form a local economy of scale which greatly increasing the stability, speed, cost-effectiveness, and scientific productivity of drug development and manufacture. This in turn nurtures the area to be an engine of growth for lucrative, high-tech jobs and brings better collaboration for local business of greater intellectual and creative capital.

This event brought together:

- the pharmaceutical and biotech industry,
- policy-makers,
- investors,
- members of the media
- and academics



Chemistry: The Future-Proof Profession



"Once a Chemist, Always a Chemist?"
Dr. Nancy Gray

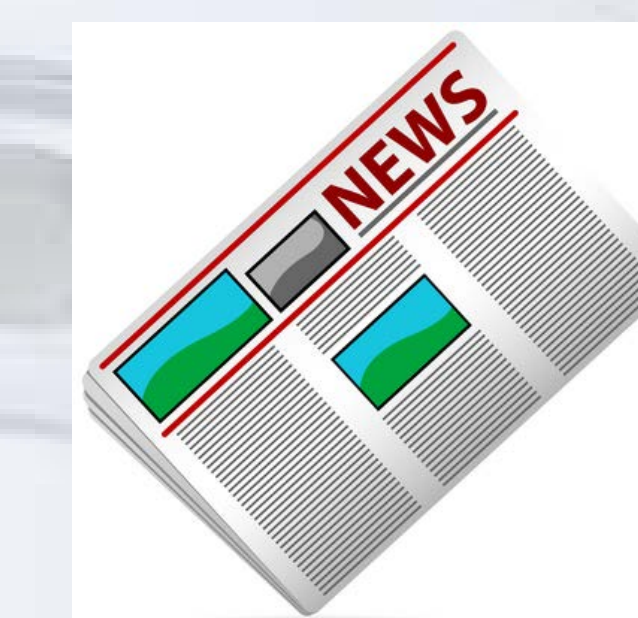
"From Chemistry to Finance to Philanthropy: An Unplanned Journey"
Dr. Sunny Tang

"Love Food as Well as Chemistry? Combining Passions with Chemistry for a Successful Career"
Dr. Carolyn Fisher

"Business Development: A Viable Career Path for Chemists"
Dr. Benjamin Chaloner-Gill

"What Sustainability Means to Me"
Dr. Margaret Cavanaugh

"A Chemist's Tale: Research to Global Environmental Consulting"
Dr. Jurgen Exner



concerned with jobs, economic growth, and healthcare to consider the most sustainable way to bolster job security in the Boston area by expanding the manufacturing sectors in which US firms are globally most competitive. They discussed the possibilities and implications for achieving job growth in a down economy.

Chemists who have parlayed their chemistry backgrounds and skills into unexpected and rewarding roles and careers.



"Engineering and Chemistry: Miscible, Energetic, Explosive?"
Dr. Antonie Lombard

"A Chemical Education: Gaining Common Skills for Uncommon Opportunities"
Ms. Bonnie Lawlor

"A Chemist's Skills Lead to Success in the Non-Profit Sector"
Mr. Joe Stoner

"Chemists Without Laboratory Borders: Alternative Careers in Research Administration"
Dr. Peter Dorhout

"Scientific Publishing: The (Not So) Accidental Profession"
Dr. Brian Crawford

"With a Foundation of Chemistry Anything is Possible!"
Dr. Cheryl Martin

"The strongest societies will be those that support their businesses , and the strongest businesses will be those that support their societies" – Pat Connelly, Senior Director Vertex Pharmaceuticals

1. Connelly, P.R., Quinn, B.P., Hurter, P., Condon, J., Mueller, P. *Pharm. Outsourcing* **2010**, 11, 16.
2. Connelly, P.R., Quinn, B.P., "Manufacturing Decline Yields Drug Shortages – Letter" *Science* **2011**, 333, 156.
3. Liveris, A.. *Make It in America: The Case for Reinventing the Economy*. **2011**, John Wiley: Hoboken
4. Porter, M., Kramer, M.R. "Creating Shared Value: How to Reinvent Capitalism and Unleash a Wave of Innovation and Growth." *Harvard Business Review* **2011**, Jan-Feb