The Robyn Barst Lecture:
Translating science into treatments for PAH
Stephen L. Archer, MD
Professor and Head, Dept Medicine, Queen’s University
Canada Research Chair Mitochondrial Dynamics & Translational Medicine

Drs. Fineman and Adatia
8th International Conference Neonatal and Childhood Pulmonary Vascular Disease in San Francisco March 26th-28th 2015.
Robyn Barst

• Pioneer
• Fierce
• Persistent
• Opinionated
• Dedicated
• Ambitious
• Articulate
• Focused
• Patient Centered
• Unique
Robyn Barst
April 19, 2013-age 62 years

- MD  University of North Carolina 1979
- Fellowship Columbia University College of Physicians and Surgeons 1983
- Robyn is survived by her husband, Dr. Samuel Barst (Section Chief Ped Anesthesia, Westchester, Valhalla) her eldest daughter, Nomi and son-in-law, David Berenson; her youngest daughter, Lindsey and her son-in-law, Jason Gumer; her grandson, Tobias Berenson; her sister, Lynn Hofstra; and her mother, Ruth
Described the use of a continuous infusion of epoprostenol (prostacyclin) in a 27 year old 11 weeks postpartum patient with primary pulmonary hypertension.

Observing on-off effect Dr H concluded: “…there was no reversal of the underlying disease process”
Flolan® for PPH

• Burroughs Wellcome sponsored RCT
• “Things did not go well at the start; of the first few patients we started on epoprostenol, one developed a transient ischaemic attack from a paradoxical embolism, one died suddenly, and the third developed pulmonary oedema and died from what we eventually realised was pulmonary veno-occlusive disease. Rubin L, Eur Respir J 2013; 42: 16–17