



ISAM, McMaster University and St Joseph's Healthcare
proudly present
Aerosol School
April 11th, 12th and 13th, 2012

at the Firestone Research Aerosol Laboratory
in Hamilton, Ontario, Canada

Aerosol School is an intensive three day curriculum designed to provide the didactic background and practical hands-on experience to quantify and characterize medical aerosols. Upon completion of the program, participants should understand the measurements and techniques utilized in commercial pharmaceutical and biotech laboratories as well as academic research. The perfect primer for anyone interested in measurements of medical aerosols, whether for industry or clinical research.

Registration will be limited to the first 20 participants to assure good hands-on experience.

Target audience: Scientists, technicians and students wishing to learn the range of measurements and techniques utilized in the modern aerosol laboratory.

Registration fees (in US dollars) includes one year membership in ISAM, course book, 3 lunches, 1 dinner:

Standard fee: \$1600 US
Student fee: \$ 750 US

Faculty

M Dolovich, McMaster University, CA
J Fink, Independent Consultant, USA
M Inman, McMaster University, CA
L Mao, Catalent Pharma, USA
J P Mitchell, TMI Canada
K Stapleton, Independent Consultant, USA
D Roberts, MSP Corp, USA

Topics include

- Aerosol Basics/Definitions
- Aerosol Drug Delivery Devices
- Requirements for Quality Control vs Research and Development
- Formulation Science for ODPs

- Tracers: How to prepare standards and their importance in making measurements
- Factors affecting *in vitro* measurements of aerosol properties
- Equipment required, supplies and calibration/validation for optimal performance
- Modelling Aerosol Drug Delivery
- Measurements:
 - Unit doses (pMDI, DPI, liquids)
 - Particle size (pMDI, DPI, liquids)
 - QC vs Clinic
 - Simulation
 - Unusual Clinical settings
- Special Lecture – The Business of Drug Device Development

For further information please contact:
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www.aerosolschool.com