

Investigator(s):

Caroline Duchaine, Postdoctoral Fellow; Peter S. Thorne, Professor, Preventive Medicine and Environmental Health

Project Title:

Quantification of Airborne Bacteria by Direct Most Probable Number-Polymerase Chain Reaction

Year Funded:

1999

Amount Received:

\$20,000

Grant Awards:

Health Hazards from Microbial Growth in Metal Working Fluids. UAW-Daimler Chrysler National Training Center \$199,350.

Quantification of airborne bacteria by direct MPN-PCR. Medical Research Council of Canada.

Quantification PCR for detection of airborne bacteria. Fonds de Research en Santé du Quebec.

Investigator(s):

Patrick O'Shaughnessy, Assistant Professor, Preventive Medicine and Environmental Health, and Civil and Environmental Engineering; Keri C. Hornbuckle, Assistant Professor, Civil and Environmental Engineering

Project Title:

Use of an Environmental Chamber for Investigating Gas-Particle Partitioning of Potentially Toxic Organic Compounds

Year Funded:

1999

Amount Received:

\$20,000

Publications:

Aaron Peck. Gas-particle partitioning of toxic organic compounds. Ph.D. Thesis, Expected 2004.

Investigator(s):

Josef B. Simeonsson, Assistant Professor, Chemistry; Michael Cohen, Professor, Pathology

Project Title:

A New Analytical Technique for the Direct Measurement and Imaging of Trace Selenium in Prostate Tissue Slices

Year Funded:

1999

Amount Received:

\$20,000

Investigator(s):

Peter S. Thorne, Professor; Erik R. Svendsen, Ph.D. Candidate; Stephen J. Reynolds, Associate Professor; Patrick T. O'Shaughnessy, Assistant Professor; Preventive Medicine and Environmental Health

Project Title:

Factors Influencing Surface Sampling of House Dust Mite Allergens from Worn Carpets

Year Funded:

1999

Amount Received:

\$20,000

Publications:

Eric Svendsen. The Relationship of Household Exposures to Childhood Asthma. Ph. D. Thesis, 2002.

Grant Awards:

NIEHS:Exposure Intervention in a Rural Pediatric Asthma Cohort: Louisa Environmental Intervention Project (PI: PS Thorne), \$1,499,785. 9/30/2001 – 7/31/2006.

Investigator(s):

Michael C. Winter, Post-Doctoral Fellow; D. Michael Shasby, Professor; Internal Medicine

Project Title:

The Role of Cadherins in Endothelial Permeability

Year Funded:

1999

Amount Received:

\$20,000

Publications:

Winter MC, Anant MK, Ries DR, Shasby SS, Chen YT, Shasby DM. Histamine alters cadherin-mediated sites of endothelial adhesion. Am J Physiol 1999; 277 (Lung Cell Mol Physiol 21):L988-L995.