

CURRICULUM VITAE

Thomas G. Mundie
Dean
School of Science and Technology
Georgia Gwinnett College
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CIVILIAN EDUCATION

- 1979 Mississippi State University, B.S. Biochemistry
- 1983 Medical University of South Carolina, Ph.D. Biomedical Research
- 2001 U.S. Army War College, M.S. Strategic Leadership

PROFESSIONAL

Academic Appointments

Professor of Life Science
Department of Chemistry and Life Science
United States Military Academy
Awarded 2001

Associate Professor
Department of Chemistry and Life Science
United States Military Academy
Awarded 1995

Assistant Professor
Department of Chemistry and Life Science
United States Military Academy
Awarded 1993

Adjunct Faculty
Department of Pediatrics
University of Hawaii
1992-1993

Adjunct Faculty
Department of Military Medicine
Uniformed Services University of the Health Sciences

1988-1990

National Research Council
Associate Advisor
1987-1990

Professional Assignments

- 2006-present Dean
School of Science and Technology
Georgia Gwinnett College
Lawrenceville, GA
- 1993-2006 Academy Professor
Department of Chemistry and Life Science
United States Military Academy
West Point, NY
- 1991-1993 Chief, Biochemistry Section
Department of Clinical Investigation
Tripler Army Medical Center
Honolulu, HI
- 1989-90 Research Supervisor/Consultant
Department of Respiratory Research
Walter Reed Army Institute of Research
Washington, DC.
- 1983-88 Research Physiologist
Department of Respiratory Research
Walter Reed Army Institute of Research
Washington, D.C.

Teaching Experience

School of Science and Technology
Georgia Gwinnett College
Evolution
Biotechnology
First Year Experience

Department of Chemistry and Life Science (1993-2006)
United States Military Academy:
General Chemistry
Microbiology
Organic Chemistry I & II

Introduction to Biology
Introduction to Cell Biology
Human Physiology
Genetics
Laboratory Techniques
Biochemistry
Molecular Cell Biology
Individual Research

Tripler Army Medical Center (1990-1993)
Research Planning and Experimental Methods
Introduction to Clinical Investigations
Pulmonary Physiology

Department of Military Medicine (1989)
Uniformed Services University of the Health Sciences
Military Medicine

Division of Veterinary Medicine (1987)
Walter Reed Army Institute of Research
Immunopathology
Veterinary Pathology

Departments of Pharmacy and Allied Health Sciences (1983)
Medical University of South Carolina
Immunopathology
General Immunology

Mississippi State University (1979)
General Chemistry Laboratory

ABSTRACTS AND PRESENTATIONS

A. Kurkovsky, J. Lancaster, T. Mundie. Outcomes-Driven Program Assessment as a Component of Sustainable Development at an Innovative College. ABET Best Assessment Practices Symposium, April 25-26, 2008, Atlanta, GA.

T.G. Mundie. Course Assessment and Grading. Center for Teaching Excellence 2004.

T.G. Mundie, T. Crowder. The effects of exercise on lipoprotein changes in premenopausal women at different times of the menstrual cycle. American Physiological Society Regional Meeting: The Integrative Biology of Exercise 2000.

K.T. Dodd, A.J. Januskiewicz, C.A. Bassone, T.G. Mundie. Sheep as a experimental exercise model. American Physiological Society Meeting, 1993.

D. Easa, T.G. Mundie, K. Finn, W. Takenaka, V. Balaraman. Comparison of incremental continuous negative extrathoracic pressure vs. positive end-expiratory pressure in saline-lavaged mechanically ventilated piglets. Western Society of Pediatric Research 1993.

T.G. Mundie, D. Easa, K. Finn, E.L. Stevens, G.M. Hashiro, V. Balaraman. Pulmonary function and hemodynamic effects of incremental positive end-expiratory pressure in ventilated piglets with normal lungs. Western Society of Pediatric Research 1993.

D. Easa, T.G. Mundie, K. Finn, W. Takenaka, V. Balaraman. Comparison of incremental continuous negative extrathoracic pressure vs. positive end-expiratory pressure in saline-lavaged mechanically ventilated piglets. American Thoracic Society Meeting 1993.

T.G. Mundie, D. Easa, K. Finn, G.M. Hashiro, V. Balaraman. Comparison of continuous negative extrathoracic pressure and positive end-expiratory pressure in endotoxin treated ventilated piglets. American Thoracic Society Meeting 1993.

T.G. Mundie, D. Easa, C.F.T. Uyehara, K. Finn, E.L. Stevens, G.M. Hashiro. Increased lung compliance after cessation of continuous negative extrathoracic pressure (CNEP) in ventilated piglets. American Thoracic Society Meeting. 1992.

D. Easa, T.G. Mundie, C.F.T. Uyehara, K. Finn, V. Balaraman, Wayne Takenaka. Pulmonary function and hemodynamic effects of continuous negative extrathoracic pressure (CNEP) in ventilated piglets. American Thoracic Society Meeting. 1992.

D. Easa, T.G. Mundie, C.F.T. Uyehara, K. Finn, V. Balaraman, W. Takenaka. Pulmonary function and hemodynamic effects of continuous negative extrathoracic pressure (CNEP) in ventilated piglets. Western Society of Pediatric Research 1992.

T.G. Mundie, D. Easa, K. Finn, E.L. Stevens, G.M. Hashiro, C.F.T. Uyehara. Effects of two hours of continuous negative extrathoracic pressure (CNEP) on pulmonary function and hemodynamics in ventilated piglets. Western Society of Pediatric Research 1992.

D.D. Sharpnack, M.E. Mattix, A.J. Johnson, T.G. Mundie, M.S. Lagutchik, K.T. Dodd. Pulmonary microvascular changes induced by high-energy impulse noise. Presented at the American Veterinary Pathology Meeting, 1991.

K.T. Dodd, T.G. Mundie, M.S. Lagutchik, D.G. Martin. Performance decrement due to Blast Overpressure. Presented at the Military Applications of Blast Simulation (MABS) Meeting, 1991.

D.G. Martin, K.T. Dodd, T.G. Mundie. An evaluation of incapacitation criteria for primary blast injury. Presented at the Military Applications of Blast Simulation (MABS) Meeting, 1991.

P. Vassout, K.T. Dodd, T.G. Mundie, M.S. Lagutchik, W. Inskeep. Chronic (28 day) cardiopulmonary effects of blast overpressure Presented at the Military Applications of Blast Simulation (MABS) Meeting, 1991.

M.S. Lagutchik, T.G. Mundie, K.T. Dodd, D.G. Martin. Prior isoflurane anesthesia does not alter maximal oxygen consumption in sheep. American Thoracic Society Meeting, 1991.

T.G. Mundie, K.T. Dodd. Effects of treadmill speed and grade on oxygen consumption in sheep. Federation Proceedings, 1991.

K.T. Dodd, T.G. Mundie, M.S. Lagutchik, D.D. Sharpnack, G.R. Ripple. The effects of pulmonary contusion on cardiopulmonary function in sheep. Federation Proceedings, 1991

T.G. Mundie, K.T. Dodd, M.S. Lagutchik, D.G. Martin. Maximal exercise after pulmonary contusion in sheep. American Thoracic Society Meeting, 1991.

K.T. Dodd, T.G. Mundie, M.S. Lagutchik, D.G. Martin. Maximal exercise exacerbates pulmonary contusion injury in sheep. American Thoracic Society Meeting, 1991.

M.S. Lagutchik, T.G. Mundie, K.T. Dodd, D.G. Martin. Exercise performance before and after isoflurane anesthesia in laboratory sheep. American Veterinary Medical Association Meeting, 1991.

D.G. Martin, T.G. Mundie, N.M. Coulson, G.R. Ripple, A.J. Januszkiewicz. Cardiopulmonary response to maximal exercise in sheep. Proceedings of the American Veterinary Medical Association Meeting, 1990.

N.H. Foster, A.J. Januszkiewicz, T.G. Mundie, M.S. Lagutchik, J. Sturgis, J. Livermore, D.G. Martin. Training laboratory sheep for treadmill exercise studies. Proceedings of the American Veterinary Medical Association Meeting, 1990

D.M. Stavert, G.R. Ripple, T.G. Mundie, B.E. Lehnert. VO_{2max} Decreases Inversely

with Blood Methemoglobin Concentration Following the Inhalation of Nitric Acid. Presented at the Society of Toxicology Annual Meeting, Atlanta, GA, Feb 27-Mar 3, 1989.

G.R. Ripple, T.G. Mundie, D.M. Stavert, B.E. Lehnert. Kinetics of Methemoglobin Formation and Elimination as a Function of Inhaled Nitric Oxide Concentration and Minute Ventilation. Presented at the Society of Toxicology Annual Meeting, Atlanta, GA, Feb 27-Mar 3, 1989.

T.G. Mundie, G.R. Ripple, D.M. Stavert, B.E. Lehnert. Ventilatory Changes upon the Inhalation of High Concentrations of Nitrogen Dioxide. Presented at the Society of Toxicology Annual Meeting, Atlanta, GA, Feb 27-Mar 3, 1989.

K.T. Dodd, G.R. Ripple, T.G. Mundie. Current Injury Assessment Techniques for Complex Waves. Presented at the Sixth International Symposium on Military Operational Research, Shrivenham, U.K., Sept 4-8, 1989.

T.G. Mundie, G.R. Ripple. Hazards from Toxic Gases in Defeated Armored Vehicles. Presented at the Sixth International Symposium on Military Operational Research, Shrivenham, U.K., Sept 4-8, 1989.

T.G. Mundie. Medical Evaluation of Nonfragment Injury Effects in Armored Vehicle Live Fire Tests. Presented at the 60th Shock and Vibration Symposium, Norfolk, VA, Nov 14-16, 1989.

T.G. Mundie, A.J. Januszkiewicz, D.B. Rayburn, G.R. Ripple, D.G. Martin. The effect of maximal incremental exercise on oxygen consumption in sheep. Presented at the Society of Toxicology Annual Meeting, Miami Beach, FL, Feb 1989.

D.F. Kusewitt, D.M. Stavert, G.R. Ripple, T.G. Mundie, B.E. Lehnert. Relative Acute Toxicities in the Respiratory Tract of Inhaled Hydrogen Fluoride, Hydrogen Bromide, and Hydrogen Chloride. Presented at the Society of Toxicology Annual Meeting, Atlanta, GA, Feb 27-Mar 3, 1989.

T.G. Mundie, G.R. Ripple, Y.Y Phillips. Evaluation and Injury from Incapacitation of NO_x Behind Defeated Armor. Presented at the Fourth Armor Coordinating Conference, Monterrey, CA, April 1988.

G.R. Ripple, T.G. Mundie, Y.Y Phillips, B.E. Lehnert. Hazards from Oxides of Nitrogen in Armored Vehicles. Presented at the Sixth International Symposium of Wound Ballistics, Peoples Republic of China, October 1988.

D. Rayburn, T.G. Mundie, R. Willmott, R. Rosenthal, Y.Y Phillips. Breath by Breath Determination of Specific Airways Conductance. Federation Proceedings, Wash. D.C., March 30-April 2, 1987.

J.S. McNeil, T.G. Mundie, R. Banks, J. Davis, Y.Y Phillips. Red Cell Volume Determination in Sheep Before and After Splenectomy. Federation Proceedings, Wash., D.C., March 30-April 2, 1987.

Y.Y Phillips, T.G. Mundie, M. Vander Vorst, D.R. Richmond. Cloth Ballistic Vest Affects Primary Blast Response. Presented at the Tripartite Technical Coordinating Program (TTCP) Panel W-2, June 1986.

Y.Y Phillips, J.H. Patterson, B.T. Mozo, K.T. Dodd, T.G. Mundie. Determination of Safe Exposure Limits for Freefield Heavy Weapon Noise. Presented at the Tripartite Technical Coordinating Program (TTCP) Panel W-2, June 1986.

T.G. Mundie, J.S. McNeil, D.B. Rayburn, Y.Y. Phillips. Prediction of Carboxyhemoglobin Levels in Brief, Intense CO Exposures. Presented at the Third Annual Army Regional American College of Physicians Meeting. Present Concepts in Internal Medicine, San Francisco, California, October 23-26, 1986.

J.S. McNeil, T.G. Mundie, Y.Y. Phillips. Comparison of Between-day and Within-day DLCO Measurement in Sheep. Presented at the American Academy of Laboratory Animal Science National Meeting, Chicago, Illinois, October 5-10, 1986.

T.G. Mundie, D.B. Rayburn, R.R. Rosenthal, Y.Y. Phillips. Evaluation of Allergic Sheep as an Animal Model for Asthma. Presented at the Second Annual Army Regional American College of Physicians Meeting. Present Concepts of Internal Medicine, San Francisco, California, October 23-26, 1985.

T.G. Mundie, S.K. Ainsworth. Etiopathogenic Mechanisms of Bronchoconstriction in Byssinosis. Presented at the American Chemical Society National Meeting, Miami Beach, Florida, May 1984.

S.K. Ainsworth, M.P. Bishop, P.A. Pilia, T.G. Mundie, W.B. Moorman. Development of a Rabbit Animal Model for the Assessment of the Acute Byssinotic Reaction Following Inhalation of Cotton Dust Extract. In: Proceedings Eighth Special Session on Cotton Dust Research. Beltwide Cotton Production Research Conferences. Edited by P.J. Wakelyn and R.R. Jacobs, pp. 92-95, 1984.

S.K. Ainsworth, W. Moorman, T.G. Mundie, P.A., Pilia, M.P. Bishop, T.R. Lewis. A Primate Model of Byssinosis: Pulmonary Changes Following Inhalation of Cotton Dust Extract. In: Proceedings Eighth Special Session on Cotton Dust Research. Beltwide Cotton Production Research Conferences, Edited by P.J. Wakelyn and R.R. Jacobs, pp. 87-91, 1984.

S.K. Ainsworth, T.G. Mundie and P.A. Pilia. Analysis of the Biological Effects of Standard West Texas Cotton Dust. In: Proceedings Seventh Special Session on Cotton Dust Research. Beltwide Cotton Production Research Conferences, Edited by P.J. Wakelyn, pp. 106-107, 1983.

T.G. Mundie and S.K. Ainsworth. Platelet Thromboxane Release by Cotton Dust and Bract Extracts. In: Proceedings Seventh Special Session on Cotton Dust Research. Beltwide Cotton Production Research Conferences, Edited by P.J. Wakelyn, pp. 26-28, 1983.

T.G. Mundie, J.D. Osguthorpe, C. Martin, B.T. Butcher, C.E. O'Neill and S.K. Ainsworth. The Effect of Inhalation of cotton Dust and History of Smoking, Allergy, and Byssinosis on Immunoglobulin, Complement and Thromboxane Concentrations in Cotton Mill Workers. In: Proceedings Seventh Special Session on Cotton Dust Research. Beltwide Cotton Production Research Conference, Edited by P.J. Wakelyn, pp. 101-103, 1983.

T.G. Mundie, M.A. Cordova-Salinas, C. Whitener and S.K. Ainsworth. Changes in Pulmonary Lavage Contents Following Acute Inhalation of Cotton Dust Extracts in Rabbits. In: Proceedings Seventh Special Session on Cotton Dust Research. Beltwide Cotton Production Research Conferences, Edited by P.J. Wakelyn, pp. 104-105, 1983.

T.G. Mundie, M. Cordova, V.J. Bray, S.K. Ainsworth. Bioassays of Bronchoconstrictors in Cotton Dust and Bract Extracts. Arachidonic Acid Metabolites as Possible Mediators of the Acute Byssinotic Reaction. Presented at the National Student Research Forum, 23rd Annual Meeting, Galveston, Texas, Apr. 28-30, 1982.

T.G. Mundie, M. Buck, M.A. Cordova-Salinas, R.E. Neuman, and S.K. Ainsworth. In Vitro Bioassays and Cotton Bract Induced Bronchoconstriction in Human Volunteers: A Comparison Study. In: Proceedings Sixth Special Session on Cotton Production Research Conferences, Edited by P.J. Wakelyn, pp. 34-35, 1982.

T.G. Mundie, M.A. Cordova-Salinas, V.J. Bray, S.K. Ainsworth. Bioassay of Bronchoconstrictors in Cotton Mill Dust and Bract Extract. In Vitro Pharmacologic Studies Using an Isolated Tissue Bath Technique In: Proceedings Sixth Special Session on Cotton Dust Research. Beltwide Cotton Production Research Conferences, Edited by P.J. Wakelyn, pp. 32-33, 1982.

T.L. Carpenter, J.H. Ross, T.G. Mundie, J.R. Heitz. Synergist in Toxicity to Mosquitoes of Photodynamically Active Xanthene Dyes. Presented at the American Chemical Society National Meeting, Atlanta, GA., 1981.

S.K. Ainsworth, T.G. Mundie, P.A. Pilia. Serum levels of Immunoglobulin and Complement: An Investigation of Immunological Mechanisms in Byssinosis. In: Proceedings Fifth Special Session on Cotton Dust Research. Beltwide Cotton Production Research Conferences, Edited by P.J. Wakelyn, pp. 7-8, 1981.

T.G. Mundie, S.K. Ainsworth, and R.J. Boakle. In Vitro Classical and Alternative Complement Activation by Cotton Mill Dust Extracts. Presented at the Byssinosis Research Workshop. Methods to Assess Affects of Cotton Dust and Possible Causative Agents. Clearwater, Florida, May 14-15, 1981.

S.K. Ainsworth, R.E. Neuman, T.G. Mundie, P.A. Pilia. Etiological Agent(s) in Byssinosis. Presented at the Byssinosis Research Workshop. Methods to Assess Affects of Cotton Dust and Possible Causative Agents. Clearwater, Florida, May 14-15, 1981.

T.G. Mundie, S.K. Ainsworth, R.J. Boackle. In Vitro Activation of Complement by the Classical and Alternative Pathways by Extracts of Cotton Mill Dust. Society for Experimental Biology and Medicine (abstract), 5:45, 1980.

MANUSCRIPTS (Published, In Press, or In Preparation)

A. Kurkovsky, T. Mundie. Simulation Approach to Sustainable Development of an Innovative Institution of Higher Education. Journal of Educational Technology & Society. 11(1) 435-448, 2008.

T.G. Mundie, Brian Hare. Effects of Resistance exercise on plasma, erythrocyte and urine zinc. Biological Trace Element Research, 79(1): 23-28, 2001.

T.G. Mundie, K.T. Dodd, M.S. Lagutchik, J.R. Morris, D.G. Martin. The effects of blast exposure on exercise performance in sheep. Journal of Trauma 48(6): 1115-1121, 2000.

T.G. Mundie, G. Hashiro. The effect of histamine, carbachol, and methacholine on maximal expiratory lung mechanics in goats. Lab Animal Sci 49(6):658-661, 1999.

K.T. Dodd, T.G. Mundie, M.S. Lagutchik, J.R. Morris. Cardiopulmonary effects of high-impulse noise exposure. Journal of Trauma 43:656-666, 1997.

A.J. Januszkiewicz, T.G. Mundie, K.T. Dodd. Maximal exercise performance-impairing effects of simulated blast overpressure in sheep. Toxicology 121(1): 51-63, 1997.

S.L. Snood, V. Balaraman, K.C. Finn, S.Y. Wilkerson, T.G. Mundie, D Easa. Exogenous surfactant decreases oxygenation in *Escherichia coli* endotoxin treated Neonatal piglets. Pediatric Pulmonology 22:376-386, 1996.

D. Easa, K.C. Finn, V. Balaraman, S. Snood, S. Wilkerson, W. Takenaka, T.G. Mundie. Preservation of pulmonary function in the ventilated neonatal piglet with normal lungs. Pediatric Pulmonology 19:174-181, 1995.

D. Easa, T.G. Mundie, K. Finn, V. Balaraman, E.L. Stevens, Wayne Takenaka, C.F.T. Uyehara. The effects of reversing distending pressure sequences in the neonatal piglet. Pediatric Pulmonology 17:97-105, 1994.

D. Easa, T.G. Mundie, K. Finn, G. Hashiro, V. Balaraman. Continuous Negative Extrathoracic Pressure vs. positive end-expiratory pressure in saline lavaged piglets. Pediatric Pulmonology 17:161-168, 1994.

T.G. Mundie, D. Easa, K. Finn, E.L. Stevens, G.M. Hashiro, V. Balaraman. Effect of baseline lung compliance on the subsequent response to positive end-expiratory pressure in ventilated piglets with normal lungs. Critical Care Medicine 22:1631-1638, 1994.

T.G. Mundie, K. Finn, V. Balaraman, S. Snood, D. Easa,. Comparison of continuous negative extrathoracic pressure and positive-end expiratory pressure in *E. coli* endotoxin treated neonatal piglets. Chest 107:249-255, 1994

M.S. Lagutchik, T.G. Mundie, D.G. Martin. Methemoglobinemia Induced by a Benzocaine-based Topically Administered Anesthetic in Eight Sheep. JAVMA 201:1407-1410, 1992.

T.G. Mundie, A.J. Januszkiewicz, G.R. Ripple. The Effects of Epinephrine, Propranolol and Phenoxybenzamine on Oxygen Consumption during Maximal Incremental Exercise in Sheep. Lab. Anim. Sci., 42:486-490, 1992.

T.G. Mundie, K.T Dodd, M.S. Lagutchik. The Relationship of Functional Residual Capacity to Various Body Measurements in Normal Sheep. Lab. Anim. Sci., 42:489-492, 1992.

M.F. Tenholder, K.R. Rajagopal, Y.Y Phillips, T.A. Dillard, L.L. Bennett, T.G. Mundie, C.J. Tellis. Urinary Desmosine Excretion as a Marker of Lung Injury in the Adult Respiratory Distress Syndrome. Am. Rev. Respir. Dis., 1991.

T.G. Mundie, A.J. Januszkiewicz, D.R. Rayburn, D.G. Martin, G.R. Ripple. The Effects of Conditioning and Maximal Incremental Exercise on Oxygen Consumption in Sheep. Am. J. Vet. Res. 52:1019-1023, 1991.

J.S. McNeil, K.G. Torrington, T.G. Mundie, G.R. Ripple, Y.Y. Phillips, R.A. Banks. Prediction of carbon monoxide diffusing capacity of the lung in splenectomized sheep. Lab. Anim. Sci., 1991.

D.B. Rayburn, T.G. Mundie, R.R. Rosenthal, Y.Y Phillips. Computer Controlled Pulmonary Function Data Acquisition System. Computer Methods and Programs in Biomedicine, 28:1-9, 1989.

J.S. McNeil, K.G. Torrington, T.G. Mundie, G.R. Ripple, Y.Y Phillips. The Steady State Method of Measuring Carbon Monoxide Diffusing Capacity of the Lung in Sheep. Lab. Anim. Sci. 39:33-36, 1989.

Y.Y Phillips, T.G. Mundie, R.H. Hoyt, K.T. Dodd. Middle Ear Injury in Animals Exposed to Complex Blast Waves Inside an Armored Vehicle. J. Otolaryngol. 98:17-22, 1989.

Y.Y Phillips, G.R. Ripple, K.T. Dodd, T.G. Mundie. Medical Evaluation of Nonfragment Injury Effects. RD&A Bulletin Nov-Dec, 1989.

T.G. Mundie, C.L. Pamplin III, Y.Y Phillips, R.C. Smallridge. The Effect of Exercise on the Absorption of Intramuscular Atropine Sulfate. Pharmacology 37:132-136, 1988.

Y.Y Phillips, T.G. Mundie, J.T. Yelverton, D.R. Richmond. Cloth Ballistic Vest Alters Response to Blast. J. Trauma 28:149S-152, 1988.

T.G. Mundie, S.K. Ainsworth. Etiopathogenic Mechanisms of Bronchoconstriction in Byssinosis. A Review. Am. Rev. Respir. Dis. 133:1181-1185, 1986.

T.G. Mundie and S.K. Ainsworth. Byssinosis: Thromboxane Release From Human Platelets by Cotton Dust and Bract Extracts. Arch. Environ. Health 40:165-169, 1985.

T.G. Mundie, M.A. Cordova-Salinas, C. Whitener, S.K. Ainsworth. Changes in Pulmonary Lavage Contents Following Acute Inhalation of Cotton Dust Extracts in Rabbits. Am. J. Pathol. 118:128-133, 1985.

T.G. Mundie, P.A. Pilia, and S.K. Ainsworth. Byssinosis. Serum Immunoglobulin and Complement Concentrations in Cotton Mill Workers. An Investigation of Immunoglobulin Mechanisms in Byssinosis. Arch. Environ. Res. 7:326-329, 1985.

T.G. Mundie, J.D. Osguthorpe, C. Martin, B.T. Butcher, C.E. O'Neill, and S.K. Ainsworth. An Investigation of Atopy in Byssinosis. Immunology and Allergy Practice 7:367-372, 1985.

T.G. Mundie and S.K. Ainsworth. Byssinosis. In Vitro Release of Prostaglandin and Thromboxane from Lung Tissue and Polymorphonuclear Leukocytes. Possible Mechanism of Bronchoconstriction in Byssinosis. Environ. Res. 38:400-406, 1985.

T.G. Mundie, R.J. Boackle, S.K. Ainsworth. In Vitro Alternative and Classical Activation of Complement by Extracts of Cotton Mill Dust. A Possible Mechanism in the Pathogenesis of Byssinosis. Environ. Res. 32:47-56, 1983.

T.G. Mundie, M. Cordova-Salinas, V.J. Bray, S.K. Ainsworth. Bioassay of Smooth Muscle Contracting Agents in Cotton Dust and Bract Extracts. Arachidonic Acid Metabolites as Possible Mediators of the Acute Byssinotic Reaction. Environ. Res. 32:62-71, 1983.

T.L. Carpenter, T.G. Mundie, J.H. Ross, J.R. Heitz. Synergistic Effect of Fluorescein on Rose-Bengal Induced, Light Dependent Toxicity. Environ. Ent. 10:953-955, 1981.

TECHNICAL REPORTS

T. G. Mundie, T. Crowder. Survey of Supplement Use in the Corps of Cadets, Academic Year 1998-1999. Completed February 2000.

(U) D.G. Parmer, D.A. Smart, K.T. Torrington, T.G. Mundie, G.R. Ripple, R.A. Svihlik. Ventilatory Requirements of M1 Tank Crew Members during Simulated Battlefield Conditions. USAMRDC Technical Report 8909. May 1989.

(U) G.R. Ripple, T.G. Mundie. Medical Evaluation of Nonfragment Injury Effects in Armored Vehicle Live Fire Tests. Instrumentation Requirements and Injury Criteria. USAMRDC Technical Report. October 1989.

(S) G.R. Ripple, T.G. Mundie, K.T. Torrington, K.T. Dodd. Medical Evaluation of Nonfragment Injury Effects in the Abrams Live Fire Test (U). USAMRDC Technical Report. Oct 1988.

(S) Y.Y Phillips, G.R. Ripple, T.G. Mundie, et al. Medical Evaluation of Nonfragment Injury Effects in the Phase II Bradley Fighting Vehicle Live Fire Test (U). USAMRDC Technical Report. Sept, 1987.

(S) G.R. Ripple, T.G. Mundie, K.T. Dodd. Medical Evaluation of Nonfragment Injury Effects in the M1A1 120mm Penetrator Test (U). USAMRDC Technical Report. Oct 1987.

(C) Y.Y Phillips, J. Moe, T.G. Mundie, et al. Medical Evaluation of the Vaporific Effect in the M2 Bradley IFV and the M113 APC. Blast and Toxic Gases Behind Aluminum Armor Defeated by HEAT Rounds (U). USAMRDC Technical Report, May 1986.