

EX 6

PERSONAL INFORMATION:

Name: John Gregory Burr
Rank: Major, USAF, BSC (Regular)
SSAN: []
Current Address:

Telephone: Home [] Work (512) 536-2452 (Comm)
240-2452 (Autovon)

Current Occupation: Staff, Bioenvironmental Engineer
Air Force Medical Service Center
Brooks AFB TX 78235
AFSC 9116

EDUCATION AND TRAINING:

Undergraduate:

B.S. Mechanical Engineering - [] Lowell Technological Institute,
Lowell MA

Graduate:

MSCE Sanitary Engineering - [] University of Arizona, Tucson AZ

M.S. in Hygiene - Health Physics, [] University of Pittsburgh,
Pittsburgh PA

D.Sc. in Hygiene - Radiobiology (Major) - Computer Science (Minor), []
University of Pittsburgh, Pittsburgh PA

PROFESSIONAL MILITARY EDUCATION:

ROTC - Lowell Technological Institute [] EX 6

Squadron Officers School - 1975

Air Command and Staff College - 1982

SHORT COURSES:

OBY 9121 Bioenvironmental Engineering Course, USAFSAM, 1969

Medical X-Ray Protection, USPHS, 1969

OZY 9300-2 Medical Aspects of Advanced Warfare, USAFSAM, 1970

50AD9124 Nuclear Hazards Training Course, Sandia Base NM, 1971

Control of Oil and Other Hazardous Materials Training Course, EPA, 1973

Environmental Protection Course, AFIT, 1973

Microwave Hazards Detection and Evaluation, USAF Radiological Health Lab, 1974

CORRESPONDENCE COURSES:

Basic Electronics, Bell and Howell Schools, DeVry Institute of Technology,
Chicago IL

Master Course in Microcomputers, National Technical Schools, Los Angeles CA

C/1

ASSIGNMENTS:

1983 - present Staff, Bioenvironmental Engineer
Air Force Medical Service Center
Brooks AFB TX

1980 - 1983 Biomedical Inspector,
Air Force Inspection and Safety Center
Norton AFB CA

1978 - 1980 Radiation Bioeffects Scientist,
Brooks AFB TX

EXL [REDACTED] Doctoral Program, University of Pittsburgh,
Pittsburgh PA

1972 - 1975 Chief, Environmental Health Services
Griffiss AFB NY

EXL [REDACTED] Master of Science, University of Arizona
Tucson AZ

1968 - 1971 Chief, Military Public Health and Occupational
Medicine, Charleston AFB SC

AWARDS

AF Commendation Medal for 1972-1975 Griffiss AFB NY
AF Commendation Medal for 1968-1971 Charleston AFB SC
AF Commendation Medal for 1978-1980 USAF School of Aerospace Medicine,
Brooks AFB TX

PROFESSIONAL ORGANIZATIONS

Health Physics Society
Bioelectromagnetics Society

PUBLICATIONS

Burr, J.G.; Wald, N.; Pan, S. and Preston, K., "The Synergistic Effects of
Ultrasound and Ionizing Radiation on Human Lymphocytes" in Mutagen-induced
Chromosome Damage in Man, Ed., Evans, H.J. and Lloyd, D.C. Edinburgh
University Press. (1978) pg 120-128.

Burr, J.G.; Cohoon, D.K.; Bell, E.L.; and Penn, J.W., "Thermal Response Model
of a Simulated Cranial Structure Exposed to Radiofrequency Radiation",
IEEE Transactions on Biomedical Engineering, Vol. BME-27, 8, pp 452-460
(1980).

Burr, J.G.; Krupp, J.H.; Hamill, D.A.; and Donahue, M.F., "Evaluation of
Simulated Radiofrequency Heating Procedures", SAM TR-80-30, USAF School
of Aerospace Medicine, Brooks AFB TX (1980).

Burr, J.G.; Erwin, D.N.; Donahue, M.; Hanson, J.; and Ganser, D., "Development
and Testing of an In-Vitro Sample Holder for Radiofrequency Radiation
Bioeffects Research", SAM TR-80-34, USAF School of Aerospace Medicine,
Brooks AFB TX (1980).

Burr, J.G. and Krupp, J.H., "Real Time Measurement of RFR Energy Distribution in the Macaca Mulatta Head", Bioelectromagnetics, Vol 1, (1980)

RESEARCH THESIS

- "Effect of Molecular Weight on Polymer Filter Aids", M.S. Thesis, University of Arizona, Tucson AZ, 1972
- "A Study of the Synergistic Effects of Ultrasound and Ionizing Radiation", M.S. Thesis, University of Pittsburgh, Pittsburgh PA, 1976
- "The Synergistic Effect of Ultrasound and Ionizing Radiation on Human Lymphocytes", D.Sc. Thesis, University of Pittsburgh, Pittsburgh PA, 1978

PRESENTATIONS

- Bukovitz, A.G.; Gur, D.; Burr, J.G.; Serago, C. and Pan, S., "Comparison of the Damage to Genetic Material of Human Cells Exposed to Continuous and Pulsed Radiation", Presented at ASTS Annual Meeting, Los Angeles CA, Oct 78
- Burr, J.G and Krupp, J.H., "Real Time Measurement of RFR Energy Distribution in Macaca Mulatta Head", Presented at Bioelectromagnetics Society Symposium, University of Washington, Seattle Washington, Jun 79
- Burr, J.G. and Krupp, J.H., "Real Time Temperature Measurements in the Macaca Mulatta Exposed to 2.08 GHz Radiofrequency Radiation", Second Annual Meeting of the Bioelectromagnetic Society, San Antonio TX, 14-18 Sep 80
- Burr, J.G., "RF Radiation Standards" 13th Bioenvironmental Engineering Symposium, Brooks AFB TX, 13-15 May 80

TEACHING EXPERIENCE

- "Health Hazards from Non-Ionizing Radiation", University of Pittsburgh, Pittsburgh, Pittsburgh PA, Spring Session, 1977 (course included laser, microwave, RF and ultrasound).