Information in this record was deleted

BIOGRAPHICAL INFORMATION in accordance with the Freedom of Information

Act, exemptions FOIA-2001-07

PERSONAL INFORMATION:

John Gregory Burr Name:

Rank: Major, USAE, BSC (Regular)

SSAN:

Current Address:

Telephone: Home

Tork (512) 536-2452 (Comm) 240-2452 (Autovon)

Staff, Bioenvironmental Engineer Current Occupation:

Air Force Medical Service Center

Brooks AFB TX 78235

AFSC 9116

**EDUCATION AND TRAINING:** 

Undergraduate:

B.S. Mechanical Engineering Lowell MA

Lowell Technological Institute,

Graduate:

MSCE Sanitary Engineering -

Allniversity 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 COUCATION:

ROTC - Lowell Technological Institute

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

0ZY 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, Rell and Howell Schools, DeVry Institute of Technology, Chicago IL

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

## 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 C4

1978 - 1980

Radiation Bioeffects Scientist,

**Brooks AFB IX** 

EXI [

Doctoral Program, University of Pittsburgh,

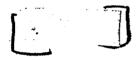
Pittsburgh PA

1972 - 1975

Chief, Environmental Health Services

Griffiss AFB NY

EXY



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 AFR NY

AF Commendation Medal for 1968-1971 Charleston AFS 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.M., "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 IR-80-30, USAF School of Aerospace Medicine, Brooks AFB IV (1980).

Burr, J.G.; [rwin; 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 (1990).

Burr, J.G. and Krupp, J.H., "Real Time Measurement of RFR Energy Distribution in the Macaca Mulatta Head", Rioelectromagnetics, 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 Innizing 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 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 Peeting 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 PA, Spring Session, 1977 (course included laser, microwave, RF and ultrasound).