

MATERIALS LICENSE

Amendment No. 57

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee

1. Department of the Army
Walter Reed Army Medical Center (WRAMC)
2. Washington, D.C. 20307-5001

3. License number 08-01738-02 is amended in its entirety to read as follows:

4. Expiration date April 30, 1993

5. Docket or Reference No. 030-01317

6. Byproduct, source, and/or special nuclear material

7. Chemical and/or physical form

8. Maximum amount that licensee may possess at any one time under this license

A. Any byproduct material with atomic numbers 1-83

A. Any

A. 400 millicuries of each radionuclide with a total possession limit of 26 curies

- B. Iodine 131
- C. Xenon 133
- D. Krypton 85
- E. Gold 198
- F. Phosphorus 32
- G. Carbon 14
- H. Iodine 125
- I. Iridium 192
- J. Chromium 51
- K. Sulfur 35
- L. Hydrogen 3
- M. Molybdenum 99

- B. Any
- C. Any
- D. Any
- E. Any
- F. Any
- G. Any
- H. Any
- I. Any
- J. Any
- K. Any
- L. Any
- M. Molybdenum 99/
Technetium 99m
Generators

- B. 2 curies
- C. 2 curies
- D. 1 curie
- E. 1 curie
- F. 2 curies
- G. 2 curies
- H. 1 curie
- I. 1 curie
- J. 750 millicuries
- K. 1 curie
- L. 5 curies
- M. 23 curies

- N. Technetium 99m
- O. Strontium 90
- P. Cesium 137

- N. Any
- O. Sealed sources
- P. Sealed sources

- N. 23 curies
- O. 500 millicuries
- P. 1

- Q. Gadolinium 153
- R. Iodine 125

- Q. Sealed sources
- R. Sealed sources (Norland Inst. Co., Model 178A591A)

- Q. 1
- R. 400 millicuries

- S. Iodine 125

- S. Sealed sources (3M Company seeds)

- S. 500 millicuries

- T. Iodine 125

- T. Sealed sources (AECL Models C235 or C324, or Amersham Corp Model IMC.P2)

- T. 4 sources, not to exceed 300 millicuries each

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions 2 & 6

Act, exemptions 2 & 6
Cesium 137 2006-0238
V. Cobalt 60

- U. Sealed sources
- V. Sealed sources

EX 2

- U. 1
- V. 1

KK/10

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

U8-01738-02

Docket or Reference number

030-01317

Amendment No. 57

(Items 6., 7. & 8. continued)

6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
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W. Americium 241
X. Americium 241

W. Any
X. Sealed source

W. 100 microcuries
X. /

Y. Nickel 63
Z. Iodine 129

Y. Sealed sources and foils
Z. Sealed sources

Y. 1 curie
Z. 1 curie

AA. Thorium
BB. Uranium
CC. Uranium deleted in Uranium-235

AA. Any
BB. Any
CC. Plated Metal

AA. 5 kilograms
BB. 50 kilograms
CC. 400 kilograms

DD. Americium 241
EE. Cesium 137

DD. Sealed sources
EE. Sealed source

DD. }
EE. }

FF. Cesium 137

Corporation Model
FF. Sealed sources

FF. }

9. Authorized use

A. through T. Medical research, diagnosis, and therapy; research and development as defined in 10 CFR 30.4(q).

U. through Z. Research and development as defined in 10 CFR 30.4(q); teaching.

CC. Shielding

DD. Standards and reference sources.

EE. In an instruments.

for calibration of

FF. Instrument calibration.

CONDITIONS

10. Location of use:

Walter Reed Army Medical Center, Washington, D. C.; WRAMC Forest Glen Section and Annex, Silver Spring, Maryland; U.S. Army Medical Research Institute for Infectious Diseases, Fort Detrick, Frederick, Maryland; Andrew Rader Army Clinic, Fort Myer, Virginia; Walter Reed Army Institute of Research Animal Holding Facility, Fort Meade, Maryland; U.S. Army Medical Laboratory, WRAMC Department of Pathology, Fort Meade, Maryland; and U.S. Army Institute of Dental Research Facility, Fort Meade, Maryland; Rickman Building, 13 Taft Court, Rockville, Maryland.

11. Radiation Safety Officer: Second Lieutenant Allen W. Anthony.

12. A. Licensed material shall be used by, or under the supervision of, individuals designated by the licensee's Radiation Safety Committee, Col. Russ Zajtchuk, Chairman.

Ex 2

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

08-01738-02

Docket or Reference number

030-01317

Amendment No. 57

(12. continued)

CONDITIONS

- B. The use of licensed material in or on humans shall be by a physician as defined in Section 35.2 of 10 CFR Part 35.
- C. Physicians designated to use licensed material in or on humans shall meet the training criteria established in 10 CFR Part 35, Subpart J.
13. Experimental animals administered licensed materials or their products shall not be used for human consumption.
14. In lieu of using the conventional radiation caution colors (magenta or purple on yellow background) as provided in Section 20.203(a)(1), of 10 CFR Part 20, the licensee is hereby authorized to label detector cells and cell baths, containing licensed material and used in gas chromatography devices, with conspicuously etched or stamped radiation caution symbols without a color requirement.
15. Detector cells containing titanium tritide foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 225 degrees Centigrade.
16. Detector cells containing scandium tritide foil shall only be used in conjunction with a properly operating temperature control mechanism which prevents foil temperatures from exceeding 325 degrees Centigrade.
17. Notwithstanding the requirements of 10 CFR 35.49 (a) and (b), the licensee may use for medical use any byproduct material or reagent kit for which the Food and Drug Administration has accepted a "Notice of Claimed Investigational Exemption for a New Drug" (IND).
18. The licensee may transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material".
19. If only a single radionuclide specified in NUREG 0767, is possessed, the possession limit is the quantity specified in Schedule of Limiting Possession Limits, NUREG-0767. If two or more radionuclides are possessed, the possession limit for each is determined as follows: the sum of the quotients of the quantities possessed divided by the quantities of those radionuclides specified in the Schedule of Limiting Possession Limits, NUREG-0767 shall not exceed unity.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

08-01738-02

Docket or Reference number

030-01317

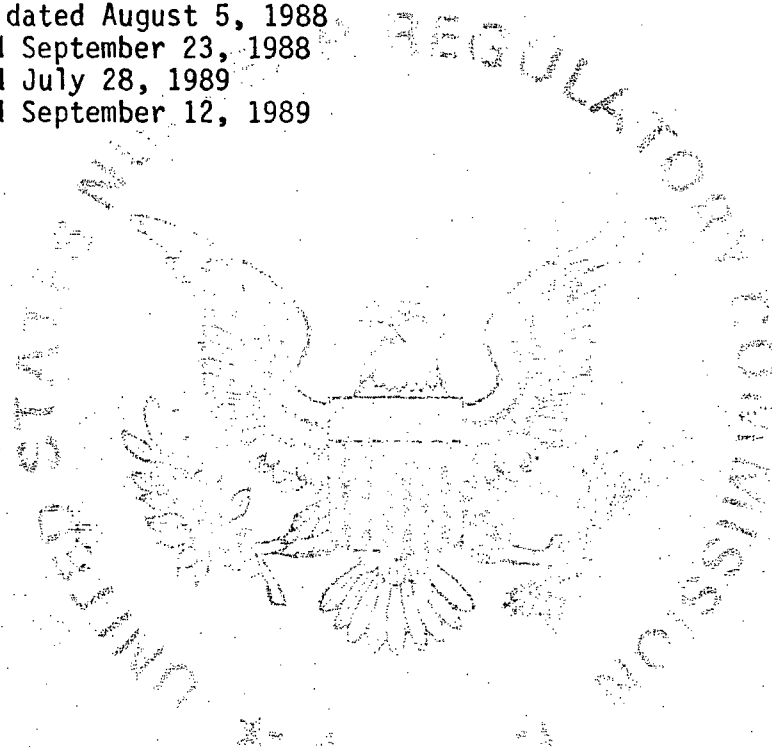
Amendment No. 57

(Continued)

CONDITIONS

20. This license is based on the licensee's statements and representations listed below:

- A. Application dated July 18, 1979
- B. Letter dated January 13, 1984
- C. Letter dated May 8, 1987
- D. Letter dated March 16, 1988
- E. Letter dated March 28, 1988
- F. Application dated August 5, 1988
- G. Letter dated September 23, 1988
- H. Letter dated July 28, 1989
- I. Letter dated September 12, 1989



Date **JAN 19 1990**

For the U.S. Nuclear Regulatory Commission

Original Signed By:
Judith A. Joustra

By

Nuclear Materials Safety Branch
Region I
King of Prussia, Pennsylvania 19406

JAN 19 1990

License No. 08-01738-02
Docket No. 030-01317
Control No. 111200

Department of the Army
U.S. Army Health Professional
Support Agency
ATTN: Charles E. Day, III
Lieutenant Colonel
Radiological Hygiene Consultant
5109 Leesburg Pike
Falls Church, Virginia 22041-3258

Gentlemen:

Please find enclosed an amendment to your NRC Material License.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the Region I Material Licensing Section, (215) 337-5239, so that we can provide appropriate corrections and answers.

Please be advised that you must conduct your program involving licensed radioactive materials in accordance with the conditions of your NRC license, representations made in your license application, and NRC regulations. In particular, please note the items in the enclosed, "Requirements for Materials Licensees."

Since serious consequences to employees and the public can result from failure to comply with NRC requirements, the NRC expects licensees to pay meticulous attention to detail and to achieve the high standard of compliance which the NRC expects of its licensees.

You will be periodically inspected by NRC. A fee may be charged for inspections in accordance with 10 CFR Part 170. Failure to conduct your program safely and in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in prompt and vigorous enforcement action against you. This could include issuance of a notice of violation, or in case of serious violations, an imposition of a civil penalty or an order suspending, modifying or revoking your license as specified in the General Policy and Procedures for NRC Enforcement Actions, 10 CFR Part 2, Appendix C.

We wish you success in operating a safe and effective licensed program.

Sincerely,

**Original Signed By:
Judith A. Joustra**

Judith A. Joustra
Nuclear Materials Safety Section A
Division of Radiation Safety
and Safeguards

Enclosures:

1. Amendment No. 57
2. Requirements for Materials Licensees
3. NRC Form 473 - Diagnostic Misadministration Report

cc:

Department of Army
Walter Reed Army Medical Center (WRAMC)
ATTN: Llewellyn E. Piper
LTC, MS
Executive Officer
Washington, D.C. 20307-5001

DRSS:RI
Joustra/pmb

01/11/90

OFFICIAL RECORD COPY

ML 08-01738-02/LTR - 0002.0.0
01/11/90

JAN 11 '90 17:29 NRC RI DRSS

P02

ABOVE CLASS C SOURCE/DEVICE INVENTORY SURVEY

Licensee's (name and address)

License #:

08-01738-02

08-01738-03

Licensee Name:

Walter Reed AMC

Contact Name:

David W. Burton

Title:

Chief, Radiative Material Control

Department:

Health Physics Office

Street:

City:

Washington

State:

DC

Zip Code:

20307-5001

Phone Number:

(301) 427-5104

Ext.:

Provide accurate and complete responses to each question below:

- 1) How many sealed sources and/or devices do you have that are above Class C (i.e. Am-241 > 27 mCi, Pu-238 or -239 > 27 mCi, Cm-244 > 27 mCi, Cs-137 > 910 Ci, or any other transuranic > 27 mCi with a half-life greater than five years)? Identify each source or device on the attached inventory sheet.

- 2) How do you dispose of your sources and/or devices? (check appropriate box)

Manufacturer: ☒Transfer to another licensee: ☒Other: ☐

If other, please elaborate: _____

- 3) a. Are you able to find and use an authorized recipient to purchase, dispose, or store any sources and/or devices that you no longer want? (check one) Yes ☒ No ☐

If no, please elaborate: _____

- b. Are there any difficulties in using this authorized recipient? (check one) Yes ☐ No ☒

If yes, please elaborate: _____

- 4) Additional comments - check here ☐ and use back of this sheet.

Surveyor:

David W. Burton

Date:

16 Jan 90

Note: Activity levels described in question 1 were derived from limits established in 10 CFR 61 section 61.55. The levels were based on typical size sources.

7-11-69 17:30

SECRET

PM

CODES:

Isotope: Am-241	Inactive: D - Damaged	X - Surplus	Use: A - Well logging	F - Fixed gauges
Cm-244	L - Lost	O - Other	B - Irradiator	G - Broad licenses
Cs-137	T - Wants to dispose or transfer	C - Teletherapy		H - Pacemakers
Pu-238	DT - Damaged and wants to	D - X-ray fluorescence		I - Waste brokers
Pu-239	dispose or transfer	E - Portable gauges		O - Other



REPLY TO
ATTENTION OF:

DEPARTMENT OF THE ARMY
WALTER REED ARMY MEDICAL CENTER
WASHINGTON, D.C. 20307-5001

MS-16
P-8

12 SEP 1989

HSHL-H-HP (385-11a)

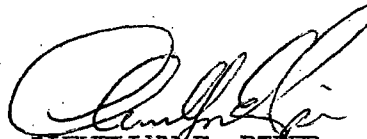
MEMORANDUM FOR US Nuclear Regulatory Commission (NRC), Region I, Nuclear
Material Safety Section A, 475 Allendale Road, King of
Prussia, Pennsylvania 19406

SUBJECT: Amendment to NRC License No. 08-01738-02, Docket No. 030-01317,
Control No. 111200

1. Please find the additional information you requested pertaining to the amendment to NRC License Number 08-01738-02, at the enclosure to this letter.
2. Should you have any further questions pertaining to our request please contact Mr. David Burton at (301) 427-5104/5107.

FOR THE COMMANDER

Encl


LLEWELLYN E. PIPER
LTC, MS
Executive Officer

FEE EXEMPT

OFFICIAL RECORD COPY ML10

111200
SEP 18 1989

CURRICULUM VITAE

for

ALLEN W. ANTHONY

Date & Place of Birth:

Home Address:

Home Telephone Number:

Office Address: Health Physics Office
Walter Reed Army Medical Center
Washington, DC 20307-5001

Office Telephone Number: (301) 427-5104

Degrees: B.S. - Education (Biology)
University of Nebraska
Lincoln, NE 68508

A.S. - X-ray Technology
St. Philip's College
San Antonio, TX (60 hours)

A.S. - Nuclear Medicine Technology
George Washington University
Washington, DC 20037 (60 hours)

Certification: American Registry of Radiologic Technologists
(X-Ray and Nuclear Medicine)

Other Education and Training:

1989 Laser and Microwave Hazards Workshop
US Army Environmental Hygiene Agency
Aberdeen Proving Ground, MD (32 hours)

1988 Introduction to Nuclear Medicine and Radiation
Therapy Course
George Washington University
Washington, DC 20037 (42 hours)

Ex 4

ANTHONY, Allen W. (Continuation of Curriculum Vitae)

1988	AMEDD Radiation Protection Officers Workshop US Army Environmental Hygiene Agency Aberdeen Proving Ground, MD (32 hours)
1988	Radiation Service Organization, Inc. Course US Army Environmental Hygiene Agency Aberdeen Proving Ground, MD (32 hours)
1988	Medical Effects of Nuclear Weapons Course Armed Forces Radiobiology Research Institute Bethesda, MD (27 hours)
1988	US Army Medical X-Ray Survey Techniques Course Academy of Health Sciences, US Army Fort Sam Houston, TX (32 hours)
1988	AMEDD Officer Basic Course Academy of Health Sciences, US Army Fort Sam Houston, TX

Chronological Experience:

Feb 1988 - Present	Walter Reed Army Medical Center Washington, DC 20307 Assistant Health Physics Officer Health Physics Office Supervise personnel in conduct of Radiation Protection Surveys for radioisotope laboratories x-ray units, radiotherapy procedures, emergency response, and shielding evaluations.
Oct 1987 - Jan 1988	Academy of Health Sciences, US Army Fort Sam Houston, TX Student AMEDD Officer Basic Course
Sep 1986 - Sep 1987	US MEDDAC Fort Bragg, NC Nuclear Medicine Technologist Nuclear Medicine Service
Nov 1985 - July 1986	Madigan Army Medical Center Fort Lewis, WA Student (Phase II) Nuclear Medicine Service

ANTHONY, Allen W. (Continuation of Curriculum Vitae)

Jun 1985 - Oct 1985	Naval School of Health Sciences Bethesda, MD Student (Phase I) Nuclear Medicine Technology Course (640 hours)
Jan 1983 - May 1985	97th General Hospital Frankfurt, West Germany X-Ray & C.T. Technologist Radiology Department
Oct 1982 - Nov 1982	Walter Reed Army Medical Center Washington, DC 20307-5001 Student (Phase II) Radiology Department
Jun 1982 - Oct 1982	Academy of Health Sciences, US Army Fort Sam Houston, TX Student (Phase I) X-Ray Technology Branch (760 hours)

y 1907, the undersigned verified with the University of Nebraska (D. Stafford) that this degree is valid.

D. STAFFORD, CPT, MSC

The University of Nebraska

LINCOLN
TEACHERS COLLEGE

THIS DIPLOMA MAKES KNOWN THAT THE BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA UPON THE RECOMMENDATION OF THE FACULTY AND BY AUTHORITY OF THE STATUTES OF THE STATE HAS BY ITS OFFICERS SPECIALLY AUTHORIZED HERETO CONFERRED THE DEGREE
BACHELOR OF SCIENCE IN EDUCATION

9x3

UPON
ALLEN W. ANTHONY

WHO IS ENTITLED TO ENJOY ALL THE RIGHTS, HONORS AND PRIVILEGES PERTAINING TO THAT DEGREE

IN TESTIMONY WHEREOF WE HAVE HEREUNTO SUBSCRIBED OUR NAMES AND CAUSED THE SEAL OF THE SAID BOARD TO BE AFFIXED AT LINCOLN THIS ELEVENTH DAY OF []



ATTEST:

Killing T. Swanson
CORPORATION SECRETARY OF THE BOARD

By A. J. ...
CH

Robert A. Raven
CHAIRMAN OF THE BOARD

Paul H. ...
PRESIDENT OF THE UNIVERSITY

St. Philip's College

San Antonio



Texas

Be it Known That

Allen M. Anthony

has completed in a satisfactory manner the course of study as prescribed
for graduation from St. Philip's College and is entitled to receive this

Associate of Applied Science

Radiography Technology

on this

Stephen R. Mitchell
President of the College

Irony V. Nelson
Chancellor

Gerardo S. Gonzales
Chairman of Board of Trustees

Douglas Harlan
Secretary of Board of Trustees

The George Washington University

Washington, District of Columbia

To all persons who read these letters, Greeting:

*Be it known that the President, Faculty, and Trustees,
by virtue of the authority granted by The United States of America,
have conferred upon*

Allen M. Anthony
the degree of

Associate in Science

*together with all the honors, rights, privileges, and responsibilities
thereunto appertaining.*

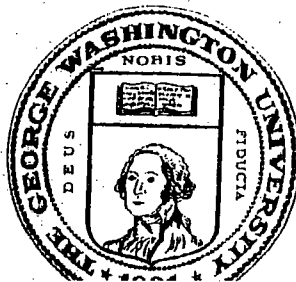
*In witness whereof, we have hereunto affixed the seal of the University,
and subscribed our names, in Washington, in the District of Columbia,
this []*

L. Thompson Bowles

Dean for Academic Affairs
School of Medicine and Health Sciences

Ronald P. Thompson

Vice President for Medical Affairs
and Chief Executive Officer



Lloyd H. ...

On 2 Jun 1987, the undersigned verified with the American Registry of Radiologic Technologists (Shirley) (612-377-8416) that Allen W. Anthony is registered in Nuclear Medicine. Certificate is valid.

D. Stafford
DARRELL E. STAFFORD, CPT, MSC

THE AMERICAN REGISTRY OF RADIOLOGIC TECHNOLOGIST

MINNEAPOLIS, MINNESOTA

Representative of

The American College of Radiology and
The American Society of Radiologic Technologists

HEREBY CERTIFIES THAT

Allen W. Anthony

has pursued an approved educational program in Nuclear Medicine Technology, has met certain standards and qualifications and has passed the examinations conducted under authority of this Registry, and is thus qualified as a

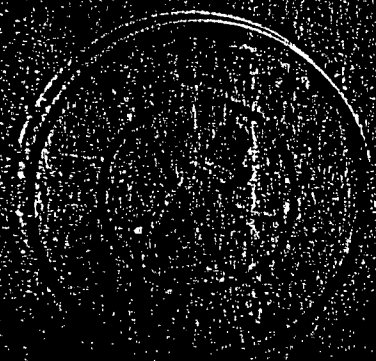
Registered Technologist

Nuclear Medicine Technology

and by virtue of this certificate is authorized to use the title Registered Technologist and its abbreviation R.T. (N) (ARRT) as long as this certificate is in force as is indicated by the date appearing on the seal hereon attached.

Certificate Number 211687

Roland C. McGowan
EXECUTIVE DIRECTOR



OFFICIAL RECORD COPY ML19



DEPARTMENT OF THE ARMY CERTIFICATE OF TRAINING

This is to certify that

SECOND LIEUTENANT ALLEN W. ANTHONY

has successfully completed

LASER MICROWAVE HAZARDS COURSE

6H-F17

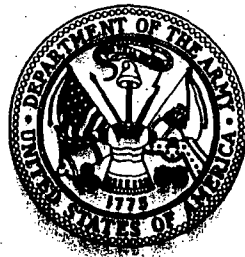
17 - 21 APRIL 1989

Given at U.S. Army Environmental Hygiene Agency

Aberdeen Proving Ground, MD

PENELOPE K. GALOFF
Physical Scientist
Course Director

111200



DEPARTMENT OF THE ARMY
CERTIFICATE OF TRAINING

This is to certify that

2LT ALLEN ANTHONY

has successfully completed

THE ARMY MEDICAL DEPARTMENT
RADIATION HEALTH SCIENCES COURSE
24-28 Oct 88

Given by: U.S. Army Environmental
Hygiene Agency

Arthur B. Webb

Arthur B. Webb
LTC, MS
DRES.



RSO, Inc.

Radiation Service Organization

CERTIFICATE OF TRAINING

This is to certify that


2LT Allen W. Anthony

has successfully completed

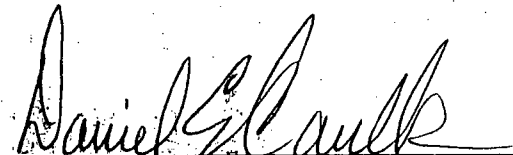
a 32 hour course in

Basic Radiological Health

July 25, 26, 27, 28, 1988


Jack F. Patterson, CIP
Senior Instructor


Gregory D. Smith, MBS
Instructor



COURSE DIRECTOR

PRESIDENT

Armed Forces Radiobiology Research Institute

Defense Nuclear Agency

Certificate of Completion

This is to certify that

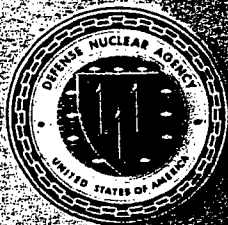
2LT ALLEN W. ANTHONY

has completed 27 hours of

**MEDICAL EFFECTS OF
NUCLEAR WEAPONS**

conducted by the

**Armed Forces Radiobiology Research Institute,
Bethesda, Maryland**



16 MAY 1982

DATE

GEORGE W. IRVING, III
Colonel, USAF, BSC
Director

As an organization accredited for continuing medical education, the Naval Health Sciences Education and Training Command designates this continuing medical activity as meeting the criteria for 27 credit hours in Category I of the Physician's Recognition Award of the American Medical Association.

US Army

This is to certify that

SECOND LIEUTENANT ALLEN W. ANTHONY

has successfully completed the

Medical X-Ray Survey Techniques Course

6H-D 1B/323-D 1B

Given at Fort Sam Houston, Texas,

from

24 January 1988

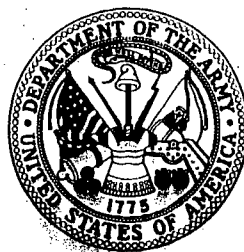
to

5 February 1988

John A. Dean
Colonel, MS, Dean
Medical Field Service School

Allen W. Anthony
Brigadier General, Medical Corps
Commandant





DEPARTMENT OF THE ARMY CERTIFICATE OF TRAINING

This is to certify that

2LT ALLEN W. ANTHONY

has successfully completed

INTRODUCTORY PRINCIPLES OF RADIATION PROTECTION
(Radiation Physics and Instrumentation - 3 hours;
Radiation Protection - 2½ hours; Radiation Biology - 1½ hours; Regulations and Guidelines - 1½ hours)

Given at WALTER REED ARMY MEDICAL CENTER

WASHINGTON, DC 20307-5001

16 and 17 February 1988

James I. Lewis, Jr.
JAMES I. LEWIS, JR.
SSG, USA
Course Director

Gerald M. Connock
GERALD M. CONNOCK
MAJ, MS
Health Physics Officer

NAVAL HEALTH SCIENCES EDUCATION AND TRAINING COMMAND



Awards this
CERTIFICATE OF GRADUATION



to
SERGEANT ALLEN W. ANTHONY

who has satisfactorily completed the prescribed course of instruction for

CLINICAL NUCLEAR MEDICINE TECHNICIAN SCHOOL
PHASE II

at

MADIGAN ARMY MEDICAL CENTER
FORT LEWIS
TACOMA, WASHINGTON 98431

23 JULY 1986

Date

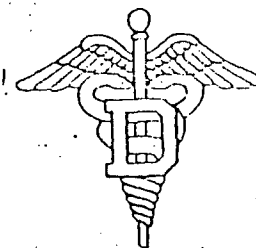
P. J. Elsass
P. J. ELSASS, CAPT, NC, USN

Commanding Officer
NAVAL SCHOOL OF HEALTH SCIENCES
BETHESDA, MARYLAND 20814-5033

NAVAL HEALTH SCIENCES EDUCATION AND TRAINING COMMAND



Awards this
CERTIFICATE OF GRADUATION



to
SERGEANT ALLEN W. ANTHONY

who has satisfactorily completed the prescribed course of instruction for

CLINICAL NUCLEAR MEDICINE TECHNICIAN

PHASE I

at

NAVAL SCHOOL OF HEALTH SCIENCES

BETHESDA, MARYLAND 20814-5033

16 OCTOBER 1985

Date

P. J. Elsass

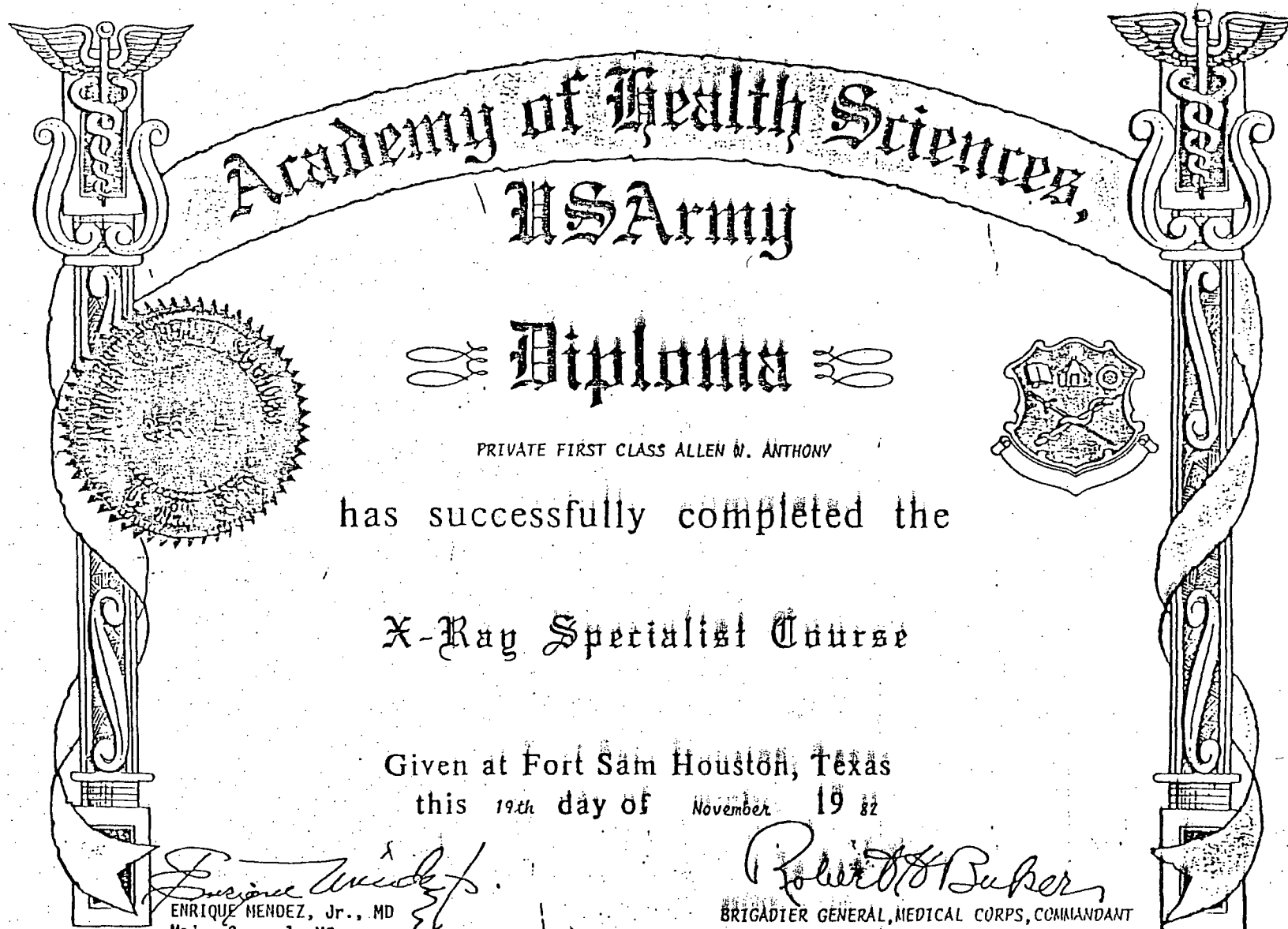
P. J. ELSASS, CAPT, NC, USN

Commanding Officer

OFFICIAL RECORD COPY ML19

SEP 18 1989

111200



ENRIQUE NENDEZ, Jr., MD
Major General, MC
Commanding

BRIGADIER GENERAL, MEDICAL CORPS, COMMANDANT

CONVERSATION RECORD

TIME

2:40 PM

DATE

8/29/89

TYPE

☐ VISIT

☐ CONFERENCE

☒ TELEPHONE

☒ INCOMING

☐ OUTGOING

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU

ORGANIZATION (Office, dept., bureau, etc.)

TELEPHONE NO.

David Burton Branch Chief of RAd Col

Walter Reed Med CTR.

(301)

427-5104

SUBJECT

letter dated July 28/89

LIC# 08-01738-02

ROUTING

NAME/SYMBOL

INT

SUMMARY

Need confirmation on training of Allen Anthony did he successfully complete training and does his training & experience meet 10 CFR 35.900 requirements.

Also letter states to add Anthony has Alternate RSO and that by 9/29/89 he will be RSO when current RSO is transferred. Since we are so close to 9/29 Mr. Burton stated that Anthony can be listed as RSO rather than alternate.

ACTION REQUIRED

Mr Burton will forward training & experience more for 2nd Lt. Anthony

NAME OF PERSON DOCUMENTING CONVERSATION

SIGNATURE

DATE

ACTION TAKEN

OFFICIAL RECORD COPY ML 10

111200

SIGNATURE

TITLE

DATE



DEPARTMENT OF THE ARMY
U.S. ARMY HEALTH PROFESSIONAL SUPPORT AGENCY
5109 LEESBURG PIKE
FALLS CHURCH, VA 22041-3258

REPLY TO
ATTENTION OF

030-01317



August 17, 1989

Preventive and Military
Medicine Consultants Division

US Nuclear Regulatory Commission
Region I
475 Allendale
King of Prussia, Pennsylvania 19406

Dear Sir:

Enclosed are two copies of a request to amend Byproduct
Material License Number 08-01738-02, Walter Reed Army Medical
Center, Washington, DC.

Recommend approval.

Sincerely,

Charles E. Day, III
Lieutenant Colonel, U.S. Army
Radiological Hygiene Consultant

Enclosure

111200

OFFICIAL RECORD COPY ML10

AUG 21 1989



DEPARTMENT OF THE ARMY
WALTER REED ARMY MEDICAL CENTER
WASHINGTON, D.C. 20307-5001

REPLY TO
ATTENTION OF:

HSCL-H-HP (385-11m)

28 JUL 1989

MEMORANDUM THRU Commander, US Army Health Services Command, ATTN: ~~HSCL-P~~
~~Fort Sam Houston, Texas 78234-6000~~

Robert Cherny
CTC, MS
11 Aug 89

FOR US Nuclear Regulatory Commission, Region I, Nuclear Material Safety
Section A, 475 Allendale Road, King of Prussia, Pennsylvania 19406

SUBJECT: Amendment to US Nuclear Regulatory Commission (NRC) License No.
08-01738-02

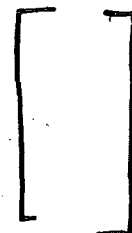
1. Please be advised that Major General Richard D. Cameron is the new Commanding Officer of Walter Reed Army Medical Center.
2. Also Colonel Russ Zajtchuk is the new Deputy Commander for Clinical Services and in that capacity is the new Chairman of the Radiation Control Committee of Walter Reed Army Medical Center.
3. Please add Second Lieutenant Allen W. Anthony to NRC License No. 08-01738-02 as an Alternate Radiation Protection Officer (RPO). Second Lieutenant Anthony has served at Walter Reed as the acting Assistant Health Physics Officer since January 1988. Second Lieutenant Anthony will replace Major Gerald M. Connock as the RPO on the License on 28 September 1989 as Major Connock is being transferred.
4. Copies of the curriculum vitae for all gentlemen are enclosed.

3 Encls

LLEWELLYN E. PIPER
LTC, MS
Executive Officer

BIOGRAPHICAL INFORMATION

RICHARD D. CAMERON, M.D., MAJOR GENERAL, USA.



Education: BA Degree, State University of Iowa
MD Degree, State University of Iowa
MHA Degree, Baylor University, Texas

Internship: Rotating Internship, Brooke Army Medical Center, San Antonio, Texas, 1965-66

Residency: Psychiatric Residency, Letterman Army Medical Center, San Francisco, California, 1966-69
(with work at Center for Training in Community Psychiatry, Berkeley.

Positions: Commanding Officer, 93d (KO) Neuro-psychiatric Team, RVN, 1969
Division Psychiatrist, 1st Air Cavalry Division, RVN, 1970
Instructor, Behavioral Sciences Division, Academy of Health Sciences, US Army, Fort Sam Houston, Texas, 1971
Instructor, US Army Alcohol and Drug Prevention Program, Yale University, FRG 1972
Project Officer, Deputy Chief of Staff for Professional Activities, HQ, US Army Health Services Command, San Antonio, Texas, 1974
Chief, Inpatient Psychiatric Service, William Beaumont Army Medical Center, El Paso, Texas, 1974
Chief, Department of Psychiatry, William Beaumont Army Medical Center, El Paso, Texas, 1974-75
Chief, Department of Psychiatry, Landstuhl Army Medical Center, 2d General Hospital, FRG 1975-76

Ex 6

Positions (continued)	Divison Surgeon, 3d Armored Division, Frankfurt, FRG,	1976-77
	Commander, 56th General Hospital, Baumholder FRG	1977-79
	Medical Team Chief-Saudi Arabian National Guard Medical Moderniza- tion Program,	1980
	Deputy Chief of Staff, Operations, HQ, US Army Health Services Command, Fort Sam Houston, Texas,	1980-1983
	Commander, Darnall Army Community Hospital and III Corps Surgeon, Fort Hood, Texas,	1983-86
	Commanding General, William Beaumont Army Medical Center, El Paso, Texas,	1986-88
	Deputy Assistant Secretary of Defense for Health and Medicine, Washington, D. C.,	1988-89
Current Position:	Commanding General Walter Reed Army Medical Center Washington, D. C.,	1989-
Certificate of License:	Medicine and Surgery, Iowa,	1965
Professional Boards:	Diplomate, American Board of Psychiatry and Neurology,	1973
Professional Societies:	American College of Physician Executives American Psychiatric Associaton Association of Military Surgeons	
Awards:	Legion of Merit (2) Meritorious Service Medal Air Medal Army Commendation Medal (5) Expert Field Medical Badge Parachutist Badge US Army Order of Military Merit	
Military Schooling:	AMEDD Officers' Basic AMEDD Officers' Advanced Command and General Staff College US Army-Baylor Hospital Administration Course Industrial College of the Armed Forces.	

CURRICULUM VITAE

NAME:

Russ Zajitchuk

CURRENT STATUS:

Colonel, Medical Corps, U. S. Army (Active, Regular)

SSI#: 61K9A, 61J9B

Date of Rank: 7 June 1978

Deputy Commander for Clinical Services
Walter Reed Army Medical Center
Washington, DC 20307-5001

Professor and Chairman
Division of Cardiothoracic Surgery
Uniformed Services University of the Health Sciences
Bethesda, MD 20814

Consultant, Cardiothoracic Surgery
National Naval Medical Center
Bethesda, MD 20814

**BOARD CERTIFICATION
AND LICENSURE:**

American Board of Surgery, 1969
American Board of Thoracic Surgery, 1970
Licensed: Colorado and Illinois (current and fully active)

EDUCATION:

College: University of Illinois
University of Chicago,

Medical School: University of Chicago,
Degrees:

Internship: University of Chicago, 1963-1964

General Surgery Residency: University of Chicago,
1964-1968

Cardiothoracic Residency: University of Chicago,
1968-1970

**PROFESSIONAL
EXPERIENCE AND
ASSIGNMENTS:**

University of Chicago, Assistant Professor of
Surgery, Jan 1970 - Jul 1970

Chief, Thoracic Surgery, Fort Campbell, Kentucky,
1970-1971

Tour in Vietnam. Served as Chief, Professional
Services at 24th Evac Hospital and 3rd Field
Hospital. Also served as Consultant in Thoracic
Surgery for Vietnam, Sep 1971 - Sep 1972

EX 6

PROFESSIONAL
EXPERIENCE AND
ASSIGNMENTS (CONT'D):

Assistant Chief, Thoracic-Cardiovascular Surgery
Service, Fitzsimons Army Medical Center, Denver, CO,
1972-1977

Director of Surgical Research, Fitzsimons Army
Medical Center, Denver, CO, 1972-1977

Assistant Professor of Surgery, University of
Colorado School of Medicine, 1972-1976

Assistant Chief, Thoracic-Cardiovascular Surgery
Service, Walter Reed Army Medical Center,
Washington, DC, 1980-1981

Chairman and Program Director, National Naval
Medical Center, Bethesda, MD, 1980-1981

Chairman and Program Director, Thoracic-
Cardiovascular Surgery Service, Walter Reed Army
Medical Center, Washington, DC, 1981-1984

Professor and Chairman, Division of Cardiothoracic
Surgery, School of Medicine, Uniformed Services
University of the Health Sciences, Bethesda, MD,
1981 - Present

Consultant to The Army Surgeon General in Cardiac
and Thoracic Surgery, Washington, DC, 1980-1984

Commander, 41st Combat Support Hospital and JTF
Surgeon for Honduras, Jul 1983 - Apr 1984

Department of Defense Readiness Review Member for
Secretary of Defense, Apr 1984 - Jun 1984

United States Southern Command, Command Surgeon,
Quarry Heights, Panama, Jul 1984 - Jul 1985

Student at National Defense University, Aug 1985 -
Jun 1986

Surgical Consultant to The Surgeon General, Chief
Consultants Division, Jul 1986 - Jul 1988

Deputy Director, Professional Services, Office of
The Surgeon General, Jun 1988 - Jun 1989

Chief, Consultants Division, Office of The Surgeon
General, Jun 1987 - Jun 1989

MILITARY
SCHOOLS/COURSES:

AMEDD Officer Basic, 1970
AMEDD Officer, Advanced, 1978
Combat Casualty Course (AMEDD), 1982
USA Command and General Staff College, 1983
Baylor University Program in Health Care
Administration, 1986
Industrial College of the Armed Forces, 1986

SOCIETIES:

American College of Surgeons
Association of Military Surgeons
Society for Thoracic Surgeons
Sigma Xi
The Western Thoracic Surgical Society
American Association for Thoracic Surgery
American College of Cardiology
Association of Training Program Directors

CIVILIAN
AWARDS/HONORS:

NSF Fellowship, 1961 - 1962
Chicago Surgical Society Award for Surgical
Research, 1965 (1st Prize)
Certificate of Merit from AMA for Exhibit on Hyper-
coagulability, 1976
Won Second Place at Southeastern Surgical Congress,
Exhibit on Hypercoagulability, 1977
Dominique Larey Award for Excellence in Military
Surgery, Awarded by USUHS, 1989

MILITARY AWARDS -
U.S.:

Department of Defense Superior Service Medal
Legion of Merit with Oak Leaf Cluster (One from the
Air Force)
Bronze Star
Department of Defense Meritorious Service Medal

MILITARY AWARDS -
U.S.: (CONT'D)

Meritorious Service Medal with Two Oak Leaf Clusters
(One from the Navy)

Department of Defense Commendation Medal

Army Commendation Medal with Oak Leaf Cluster

Army Achievement Medal

Humanitarian Assistance Medal

MILITARY AWARDS -
FOREIGN

Vietnamese Cross of Gallantry

Vietnamese Civic Action Medal

Honduran Merit Medal, First Class

MILITARY PROFESSIONAL AWARD:

Awarded 'A Prefix' by The Surgeon General for Outstanding Performance in Cardiothoracic Surgery

PUBLICATIONS:

Dawson, D., Allen, J.G., and Zajtchuk, R.: Mono-alkylating Agents as therapeutic agents in plasma sterilization and plasma protein stabilization. J. Surg. Res., 2:31-35, 1962.

Dawson, D., Zajtchuk, R., and Allen, J.G.: Use of chemotherapeutic agents for possible bacterial and viral contamination of blood. J. Surg. Res., 3:97-100, 1963.

Dawson, D. and Zajtchuk, R.: Effect of rapid rewarming on tissue survival after deep freezing injury. Research and proceedings of the Institute of Medicine Bulletin (Chicago), Mar, 1963.

Dawson, D., Zajtchuk, R., and Allen, J.G.: Infectious hepatitis and the role of chemotherapeutics in viral disease transmitted by blood transfusions. J. Surg. Res., 4:47-53, 1964.

Dawson, D. and Zajtchuk, R.: Use of chloracetate and formaldehyde as plasma additives in instability heat denaturation of plasma proteins. J. Clin. Chem., 10:793-799, 1964.

Kahan, B.D., Zajtchuk, R., Dawson, D., and Adams, W.G.: The kinetics of sensitization with whole and fractioned mouse spleen cells. Dig. Chest, 46:452-456, 1964.

PUBLICATIONS:
(CONT'D)

Gago, O., Zajtchuk, R., Nigro, S., and Adams, W.E.: Canine pulmonary homografts with uncontrolled cross-circulation. J. Thor. Cardiovasc. Surg., 50:775-780, 1965.

Adams, W.G., Gago, O., and Zajtchuk, R.: Use of azathioprine in homotransplantation of pulmonary tissue. Bull. Soc. Int. Chi., 25:631-638, 1966.

Block, G.E., Evans, R., and Zajtchuk, R.: Splenectomy for idiopathic thrombocytopenic purpura. Arch. Surg., 92:434-489, 1966.

Zajtchuk, R., Ake, V., Hamouda, I., Moulder, P.V., and Adams, W.E.: Maintenance of the circulation in cardiac asystole by the mechanical pulsator. Trans. Amer. Soc. Artif. Intern Organs, Vol. XII, 1966.

Zajtchuk, R., Kahan, B.D., and Adams, W.E.: The tissue distribution of a water soluble transplantation antigen. Dis. Chest, 50:368-371, 1966.

Evans, R., Zajtchuk, R., and Menguy, R.: Role of vagotomy and gastric drainage in the surgical treatment of duodenal ulcer (Result of 10-year experience at the University of Chicago Hospitals). Surg. Clin. N. Amer., 47:141-146, 1967.

Zajtchuk, R., Gago, O., and Adams, W.E.: Homotransplantation of the lung (influence of quantity of antigen on the survival of the graft). J. Thor. Cardiovasc. Surg., 53:109-115, 1967.

Zajtchuk, R., Amato, J., Paloyan, E., and Baker, R.: Inhibition of external pancreatic secretion by glucagon. Surg. Forum, 18:410-411, 1967.

Zajtchuk, R., Mamouda, F., Moulder, P.V., and Adams, W.E.: Maintenance of Circulation in cardiac asystole by the mechanical pulsator. Dis Chest, 1967.

Bauer, R.J., Bass, R.T., Zajtchuk, R., and Strohl, E.L.: External pancreatic fistula following abdominal injury. Arch. Surg., 95:556-566, 1967.

Zajtchuk, R. and Baker, R.: Effects of hypoglycemia on external pancreatic secretion. J. Trauma, 9:629-637, 1969.

PUBLICATIONS:
(CONT'D)

Menguy, R., Gadacz, R., and Zajtchuk, R.: Surgical management of acute gastric mucosal bleeding. Arch. Surg., 99:198-208, 1969.

Zajtchuk, R., Yacoub, M.H., and Kittle, C.F.: Spontaneous A-V fistula between common iliac vessels. Surgery, 69:194-200, Feb 1971.

Geis, P., Johnson, C.F., Zajtchuk, R., and Kittle, C.F.: Extrapericardial (mediastinal) cardiac tamponade. Arch. Surg., 100:305-306, 1970.

Daily, R., Ranniger, K., Zajtchuk, R., Evans, R., and Moulder, P.V.: Serum and plasma infusion in human pulmonary artery: Embolic implications. Arch. Surg., 101:26-31, Jul, 1970.

Baker, R.J., Zajtchuk, R., and Shoemaker, W.C., et al: Physiologic studies on external pancreatic secretion in man. Bull. Soc. Int. Chir., 27:81-88, 1968.

Zajtchuk, R., Resnekor, L., Ranniger, K., and Gonzales-Lavin, L.: Traumatic aorta to pulmonary artery fistula. Thoracic, 26(2):219, 1971.

Gonzales-Lavin, L. and Zajtchuk, R.: Surgical considerations in the treatment of acute acquired ventricular septal defect. Thorax, 26:610-614, Sep 1971.

Zajtchuk, R., Gonzales-Lavin, L., and Replogle, R.: Pulmonary artery aneurysm associated with ASD and absent pulmonary valve. J. Thorac. Cardiovasc. Surg. 65:699-701, May 1973.

Zajtchuk, R., Strevey, T., Heydorn, W., and Treasure, R.: Mediastinal histoplasmosis: Surgical considerations. J. Thorac. Cardiovasc. Surg., 66:300-304, Aug 1973.

Zajtchuk, R., Guiton, C.R., Sadler, T.R., Heydorn, W.H., and Strevey, T.E.: Surgical treatment of pulmonary melioidosis. J. Thorac. Cardiovasc. Surg., 66:838, Nov 1973.

Heydorn, W.H., Barry, M.J., Zajtchuk, R., and Strevey, T.W.: Tumor embolus death during pneumonectomy. J. Thorac. Cardiovasc. Surg., 67:308-309, Feb 1974.

PUBLICATIONS:
(CONT'D)

Zajtcuk, R., Fitterer, J., Strevey, T.E., and Nelson, W.P.: Bilateral atrial myxoma (Preoperative diagnosis and successful removal). J. Thorac. Cardiovasc. Surg., 69:291-294, Feb 1975.

Zajtcuk, R., Seyfer, A.E., and Strevey, T.E.: Use of intercostal muscle in primary repair of esophageal atresia with tracheoesophageal fistula. Ann. Thorac. Surg., 19:239-241, Mar 1975.

Zajtcuk, R., Corby, D.B., Miller, J.G., and O'Barr, T.P.: Treatment of digoxin toxicity with activated charcoal. Am. J. Cardiol. 35:178, Jan 1975.

Collins, G.J. and Zajtcuk, R.: Hypercoagulability in mesenteric venous occlusion: Report of two cases. Am. J. of Surg., 132(3):390-391, Sep 1976.

Collins, G.J., and Zajtcuk, R.: Hypercoagulability in patients with peripheral vascular disease. Am. J. Surg., 130(1):2-6, Jul 1975.

Zajtcuk, R., et al: Revascularization of the heart through coronary veins. Ann. Thorac. Surg., 21(4):318-321, Apr 1976.

Heydorn, W.H., and Zajtcuk, R., et al: Surgical management of pectus deformity. Ann. Thorac. Surg., 23(5):417-420, May 1977.

Zajtcuk, R., and Collins, G.J., et al: Coagulation factors influencing thrombosis of aortocoronary bypass grafts. J. Thor. Cardiovasc. Surg., 73:309, 1977.

Collins, G.J. and Zajtcuk, R., et al: The effects of operative stress on the coagulation profile. Am. J. of Surg., 133:612, May 1977.

Seyfer, A.E. and Zajtcuk, R.: A clinical analysis of Ewing's sarcoma of the chest wall. Military Medicine, 142(10):778-779, Oct 1977.

Heydorn, W.H. and Zajtcuk, R., et al: Gore-Tex grafts for replacement of the superior vena cava. Ann. Thorac. Surg., 23(6):539-544, Jun 1977.

Bode, R. and Zajtcuk, R.: Evaluation of saphenous vein bypass surgery using multistage treadmill test and ventricular function studies. J. Thorac. Cardiovasc. Surg., 74:44, 1977.

PUBLICATIONS:
(CONT'D)

Seyfer, A.E. and Zajtchuk, R.: Systemic vascular performance in endotoxic shock. Surg. Gynec. and Obst., 245:401, Aug 1977.

Zajtchuk, R. and Collins, G.J.: Coagulation abnormalities in patients undergoing myocardial revascularization. J. Thorac. Cardiovasc. Surg., 75:168, 1978.

Bowen, T.E., Brott, W.H., and Zajtchuk, R., et al: Thoracic traction for median sternotomy dehiscence. Ann. Thorac. Surg., 25, 1978.

Bowen, T.E., Zajtchuk, R., Green, D.C., and Brott, W.H.: Value of anterior mediastinotomy in bronchogenic carcinoma of the left upper lobe. J. Thorac. Cardiovasc. Surg., 76:269, 1978.

Zajtchuk, R., Seyfer, A.E., et al: Intrathoracic ganglioneuroblastoma. J. Thorac. Cardiovasc. Surg., 80(4):605-612, Oct 1980.

Chun, P., Leeburg, W.T., Coggin, J.T., and Zajtchuk, R.: Primary pericardial malignant epithelioid mesothelioma. Chest, 77, 558-561, Apr 1980.

Zajtchuk, R., Bowen, T.E., Albus, R.A., and Brott, W.H.: Surgical treatment of left main equivalent coronary artery disease. J. Thorac. Cardiovasc. Surg., 78(3):452-454, Sep 1979.

Bowen, T.E. and Zajtchuk, R.: Isolated mitral valve replacement with Kay Shiley disc valve (long-term followup). J. Thorac. Cardiovasc. Surg., 80(1):45-49, Jul 1980.

Graeber, G.M., Synder, T.R., Zajtchuk, R., and Brott, W.H.: A comparison of serum isoenzyme levels of creatinine phosphokinase and lactic dehydrogenase in patients undergoing thoracic operations and patients admitted to coronary care unit. Ann. of Thorac. Surg., 30(4):364-369, Oct 1980.

Bowen, T.E., Brott, W.H., Green, D., Zajtchuk, R.: Coarctation of the aorta with left aortic arch and right descending aorta: Case report. Military Medicine, 145(2), Feb 1980.

PUBLICATIONS:
(CONT'D)

Graeber, G.M., Zajtchuk, R., et al: An analysis of the isoenzymes of creatinine phosphokinase and lactic dehydrogenase in the esophagus. *Ann. of Thorac. Surg.*, 32(3), 230-234, Sep 1981.

Brott, W.H., Zajtchuk, R., et al: Incidence of thromboembolism in patients with Bjork-Shiley prosthesis on aspirin/dipyridamole treatment. *J. of Thorac. Cardiovasc. Surg.*, 81(4):632-635, Apr 1981.

Gibeilly, G., and Zajtchuk, R.: Diagnosis and treatment of desmoid tumors: A review. *Military Medicine*, 147(4):278-284, Apr 1982.

Bowen, T. and Zajtchuk, R.: Diaphragmatic paralysis managed by diaphragmatic replacement. *Ann. of Thorac. Surg.*, 33:184-185, Feb 1982.

Zajtchuk, R., Nelson, W.P., and Collins, G.J.: Ischemic heart disease and coronary thrombosis. Chapter 7, pp. 215-240, in *Vascular Occlusive Disorders*, Futura Publishing Company, Inc., Mount Kisco, New York, 1981.

Zajtchuk, R. and Zajtchuk, J.: Relationship of triglyceride levels to thrombosis in patients with coronary artery disease. Published in the *Ann. Thorac. Surg.* 1980.

Graeber, G., Grishkin, B., Cohen, D.J., and Zajtchuk, R.: A technique for successful replacement of the esophagus with an interposed substernal colon segment. *Contemporary Surgery*, pp. 17-26, Apr 1983.

Sherrill, P.J., Grishkin, B.A., Galal, F.S., Zajtchuk, R., and Graeber, G.M.: Radiation association malignancies of the esophagus. *Cancer*, 54:726, 1984.

Cohen, D.J., Ronningen, L.D., Graeber, G.M., Deshong, J.L., Jaffin, J. and Zajtchuk, R.: Management of patients with malignant thymoma. *J. Thorac. Cardiovasc. Surg.*, 87(2):301-307, Feb 1984.

Graeber, G.M., Cafferty, P.J., Wolf, R.E., Cohen, D.J., and Zajtchuk, R.: Creatine kinase (CK) and lactic dehydrogenase (LD) in the muscles encountered during median sternotomy and in the myocardium of the cardiac chambers. *J. Thorac. Cardiovasc. Surg.*, 89(5):700-705, May 1985.

PUBLICATIONS:
(CONT'D)

Graeber, G.M., Thompson, L.D., Cohen, D.J., Ronnigen, L.D., Jaffin, J. and Zajtchuk, R.: Cystic lesions of the thymes: An occasionally malignant cervical and/or anterior mediastinal mass. J. Thorac. Cardiovasc. Surg., 87(2):295-300, Feb 1984.

Watkins, M.T., Sharefkin, J.B., Zajtchuk, R., Maciag, T.M., D'Amore, P.A., Ryan, U.S., Wart, H.V., Rich, N.M.: Adult human saphenous vein endothelial cells: Assessment of their reproductive capacity for use in endothelial seeding of vascular prostheses. J. Surg. Research 36:588-596, 1984.

Zajtchuk, R., Antopol, M.R., Graeber, G.M.: Thoracic Trauma, Medical Bulletin, 41(12):3-7, 1984.

Graeber, G.M., Cohen, D.J., Patrick, D.H., Wolf, R.E., Hotard, M.C., and Zajtchuk, R.: Rib fracture healing in experimental flail chest. Journal of Trauma 25:903-908, 1985.

Cohen, D.J., Benjamin, S.B., Graeber, G.M., Zajtchuk, R., Castell, D.O., and Patrick, D.H.: Evaluation of the Agelchik Antireflux prosthesis using a model for esophageal reflux in rhesus monkeys. Ann. Thorac. Surg. 41:135-142, 1986.

Graeber, G.M. and Zajtchuk, R.: Changes in serum creatine kinase and lactic dehydrogenase caused by acute perioperative myocardial infarction and by transatrial cardiac surgical procedures. J. Thorac. Cardiovasc. Surg., 92:63-72, Jul 1986.

Fall, S.M., Burton, N.A., Graeber, G.M., Mead, M.D., Lough, F.C., Albus, R.A., Zajtchuk, R.: Prevention of ventricular fibrillation after myocardial revascularization. Ann. Thorac. Surg. 43:182-184, Feb 1987.

Graeber, G.M. and Zajtchuk, R.: Serum creatine kinase and lactic dehydrogenase isoenzyme levels in patients after major esophageal surgery, esophageal dilatation, and acute myocardial infarction. Ann. Thorac. Surg., 43:279-284, Mar 1987.

Graeber, G.M. and Zajtchuk, R.: A comparison of patients with endoscopic esophageal perforations and patients with Boerhaave's Syndrome. Chest. 92:995-998, Dec 1987.

PUBLICATIONS:
(CONT'D)

Edwards, F.H., Zajtchuk, R.: Use of a Bayesian statistical model for risk assessment in coronary artery surgery. Ann. Thorac. Surg.

Burton, W.A., Graeber, G.M., Zajtchuk, R.: An alternative method of ventricular venting. The pulmonary artery pump. Chest 85:814, 1984.

Edwards, F.M. and Zajtchuk, R.: A Quality Assurance Model of Operation Mortality for coronary artery surgery. Ann. Thorac. Surg.

Zajtchuk, R., Brown, F., Rumbaugh, J.: Medical Success in El Salvador, Military Medicine, Feb 1989.

PRESENTATIONS:

Soluble Transplantation Antigen. Presented at Chicago Surgical Society Meeting in 1965. (Awarded prize for best surgical research in 1965.)

Maintenance of Circulation with a Mechanical Cardiac Pulsator. Presented at the Meeting of the American Society for Artificial Organs in 1966.

Maintenance of Circulation with a Mechanical Cardiac Pulsator. Presented at 32nd Annual Meeting of American College of Chest Physicians, June 1966. (Received certificate of merit)

Inhibition of External Pancreatic Secretion by Glucagon. Presented at Surgical Forum in 1967.

Treatment of Digoxin Toxicity with Activated Charcoal. Presented at the 24th Annual Scientific Session of American College of Cardiology, 1974.

Measurement of Heart Valve Cross Section Area by Electrical Impedance. Presented at Biomedical Engineering Society, Apr 1975.

Coagulation Abnormalities in Patients Undergoing Myocardial Revascularization. Presented at Seminar on Thrombosis Research, May 1977, Walter Reed Army Medical Center.

Coagulation Abnormalities in Patients Undergoing Myocardial Revascularization. Presented at Samson Thoracic Society, Jun 1977.

Use of Intra-Aortic Balloon in Left Main Coronary Artery Lesions. Presented at the Army Cardiology Meeting, May 1978.

PRESENTATIONS:
(CONT'D)

Surgical Treatment of Left Main and Left Main Equivalent Coronary Artery Disease. Presented at University of Chicago, Jun 1978.

Left Ventricular to Aortic Stenosis. Presented at Cardiology Symposium, Madigan Army Medical Center, May 1979.

Asymptomatic Left Main Coronary Artery Disease (Clinical Profile). Presented at Military Cardiology Meeting, San Francisco, May 1980.

A Comparison of Serum Isoenzyme Levels of CPK and LDH in Patients Undergoing Thoracic Operations and Patients Admitted to Coronary Care Unit. Presented at Thoracic Surgery Society Meeting, Jan 1980.

Symposium Director for "The First Annual USUHS Cardiothoracic Surgery Symposium". Presented at Uniformed Services University of the Health Sciences, Bethesda, MD, Oct 1982.

Cardiac Trauma. Presented at the Hospital of the University of Pennsylvania, Nov 1982.

Evaluation of the Angelchik Antireflux Prosthesis using a Model for Esophageal Reflux in Rhesus Monkeys. Presented at the Southwestern Surgical Congress, 36th Annual Meeting, Hawaii, Apr 1984.

Preventing Ventricular Fibrillation after Aortic Cross Clamping. Presented at the Army Cardiology Meeting, Apr 1984.

The Use of Computerized Tomography (CT) in the Evaluation of Mediastinal Masses. Presented at the Western Thoracic Surgical Association, Jun 1985.

Results of Coronary Artery Bypass Grafting in Young Patients. Presented at the American College of Chest Physicians, 1985.

Central America - An Overview with Emphasis on Honduras. Presented at 22nd Medical Symposium of the 94th U.S. Army Reserve Command, October 1988.

MOVIES:

Apical Left Ventricular Aortic Bypass - A Method for Relief of Left Ventricular Outflow Obstruction (Presented at the Annual Meeting of the Society of Thoracic Surgeons, Los Angeles, CA, Jan 1981.

MOVIES:
(CONT'D)

Resection of Giant Cell Tumor Involving the Clavicle and Chest Wall. (Presented at the Annual Meeting of the Society of Thoracic Surgeons, San Francisco, CA. Jan 1983).

Surgical Management of Sinus of Valsalva Fistula. Presented at American College of Surgery, 1984.

SCIENTIFIC
EXHIBITS:

Hyercoagulability - Importance in Surgical Practice. (Won Second Place at Southeastern Surgical Congress, Apr 1977).

Different Techniques for Replacing the Esophagus with Interposed Colon. (Presented at the 68th Annual Clinical Congress of the American College of Surgeons, Chicago, IL, Oct 1982).

The Use of Muscle and Musculo-Cutaneous Flaps for Reconstruction of Thoracic Defects. (Presented at the 68th Annual Clinical Congress of the American College of Surgeons, Chicago, IL, Oct 1982).

Medicine in Low Intensity Conflict (Presented at AMSUS, 1987).

Surgical Treatment of Snake Bites (Presented at AMSUS, 1987).

Management of Primary Cardiac Tumors. Displayed at The 69th Clinical Congress of the American College of Surgeons, 1983 and the 33rd Scientific Session of American College of Cardiology, 1984.

BOOKS:

Senior Editor of 18 Volume Series on Military Medicine.

CURRICULUM VITAE

for

ALLEN W. ANTHONY

Date & Place of Birth:

Home Address:

Home Telephone Number:

Office Address:

Health Physics Office
Walter Reed Army Medical Center
Washington, DC 20307-5001

Office Telephone Number:

(301) 427-5104

Degrees:

B.S. - Education (Biology)
University of Nebraska
Lincoln, NE 68508

A.S. - X-ray Technology
St. Philip's College
San Antonio, TX

A.S. - Nuclear Medicine Technology
George Washington University
Washington, DC 20037

Certification:

American Registry of Radiologic Technologists
(X-Ray and Nuclear Medicine)

Other Education and Training:

1989

Laser and Microwave Hazards Workshop
US Army Environmental Hygiene Agency
Aberdeen Proving Ground, MD

1988

Introduction to Nuclear Medicine and
Radiation Therapy Course
George Washington University
Washington, DC 20037

EX 6

ANTHONY, Allen W. (Continuation of Curriculum Vitae)

1988	AMEDD Radiation Protection Officers Workshop US Army Environmental Hygiene Agency Aberdeen Proving Ground, MD
1988	Radiation Service Organization, Inc. Course US Army Environmental Hygiene Agency Aberdeen Proving Ground, MD
1988	Medical Effects of Nuclear Weapons Course Armed Forces Radiobiology Research Institute Bethesda, MD
1988	US Army Medical X-Ray Survey Techniques Course Academy of Health Sciences, US Army Fort Sam Houston, TX
1988	AMEDD Officer Basic Course Academy of Health Sciences, US Army Fort Sam Houston, TX

Chronological Experience:

Feb 1988 - Present

Walter Reed Army Med. Ctr.
Washington, DC 20307
Assistant Health Physics Officer
Health Physics Office

Supervise personnel in conduct of radiation protection surveys for radioisotope laboratories x-ray units, radiotherapy procedures, emergency response, and shielding evaluations.

Oct 1987 - Jan 1988

Academy of Health Sciences, US Army
Fort Sam Houston, TX
Student
AMEDD Officer Basic Course

Sep 1986 - Sep 1987

USA MEDDAC
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Madigan Army Medical Center
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Jan 1983 - May 1985	97th General Hospital Frankfurt, West Germany X-Ray & C.T. Technologist Radiology Department
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