

May 5, 2004

MEMORANDUM FOR Dr. William Fishbein, Department of Environmental & Toxicological Pathology,
Radioactive Material Authorization No.: 577

SUBJECT: Expiration of WRAMC Radioactive Material Authorization

1. WRAMC Radioactive Material Authorization Number 577 will expire in approximately ninety (90) days. If this office receives within thirty (30) days or more prior to the expiration date a properly completed application for renewal, the existing Authorization will not expire until a final determination has been made on the renewal application.
2. If you desire to terminate your Authorization, please advise the Health Physics Office of your intent by placing a check mark (✓) in the appropriate box provided below. Sign the Principal Investigator's signature block and return the original copy of the signed statement to this office.
3. Attached to this memorandum is an Authorization Renewal Packet containing all forms needed to renew your Authorization. All applications for renewal must include one (1) each of the following:
 - a. Completed and signed copy of the Application Form
 - b. Updated Training and Experience Form for each individual listed as Principal Investigator or Co-Investigator
 - c. A Research Protocol Form (if applicable)
 - d. Updated Training Form
 - e. Completed DD Form 1952 for each list individual. (if not already on file)

All questions regarding this communication should be directed to the Chief, RMC Branch, Health Physics Office, WRAMC, Tel: 356-0062/58, Fax: 356-0086, e-mail: David.Burton@na.amedd.army.mil.

David W. Burton

DAVID W. BURTON
Chief, License Support Branch
Health Physics, WRAMC

Encl.

___ 1ST END

APPROVED BY RCC

NOV 24 2004

FROM: Dr. William Fishbein, Dept. of Environmental & Toxicological Pathology,

on

DATE

Radioactive Material Authorization No.: 577

FOR: Health Physics Office, WRAMC, ATTN: Chief, License Support Branch

1. It is requested to cancel the WRAMC Radioactive Material Authorization Number: 577.
2. Radioactive materials listed on the current Authorization will be:
 - ☒ Transferred to WRAMC Health Physics Office for disposal as radioactive waste.
 - ☐ Transferred to WRAMC Health Physics Office for reassignment to WRAMC Radioactive Material Authorization Number ____.
 - ☐ I do not possess any radioactive materials and therefore no transfer procedures are required.

The Health Physics Office is
granting interim approval to this
application until the next
scheduled RCC Meeting on 10/24/04
Date

William H. Fishbein, MD PhD
NAME/RANK
CPTC JOHN H. FISHBEIN, Ph.D.
Chief, WRAMC Health Physics
6900 Georgia Ave., NW
BLDG 41, Room 38
Washington, DC 20307-4001

DATE

5 2004

WALTER REED ARMY MEDICAL CENTER
HEALTH PHYSICS OFFICE

6900 GEORGIA AVENUE, NORTHWEST • BUILDING 41, ROOM 38 • WASHINGTON, D.C. 20307-5001 • VOICE: 202-356-0058 • FAX: 202-356-0086

AUTHORIZATION AMENDMENT REVIEW

Date of Amendment Initiation: 5/13/04

Authorization Number: 577

Description of the Amendment:

Terminate Authorization
Final Room 1028

Mark appropriately.

Required Items	Item Needed	Item Not needed	Item Completed	Comments
Initial/Annual Training Form (WRAMC Form 538)		X		
Training & Experience Form (WRAMC Form 1643)		X		
Protocol Form (WRAMC Form 1644)		X		
Radioisotope changes		X		
e-Room Survey conducted		X		
Admin Hold Survey conducted		X		
Final Survey conducted	X		X	Completed 8/3/04
Bioassay Program enrollment		X		
Dosimetry Program enrollment		X		DD Form 1952 received? Y or N
Dosimetry Program removal		X		
Instrumentation affected	X		X	Completed 9/23/04

ADDITIONAL INFORMATION

8/13/04 waiting to see what Dr. Fishbein want to do w/ LSC with a sealed source in it.

8/18/04 email Dr. Fishbein again concerning the LSC. Metro.

9/24/04 completed the survey on the LSC. Mr. Burton remove the sealed source.

APPROVAL

License and Support Branch Chief: David Burton

Dosimetry Coordinator: CO Pitcher

HPO Representative: VG

11 August 2004

MEMORANDUM FOR Dr. William Fishbein
Authorization No. 577

SUBJECT: Radiological Safety Certification: Building 54 Room 1028

1. The following room has been inspected, tested, and certified by the Health Physics Office to be free of any hazards associated with removable radioactive contamination. Any previous radiological safety restrictions are hereby removed.

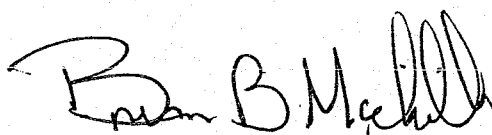
Building	Room
54	1028

2. The following equipment has been inspected, tested and certified by the Health Physics Office to be free of any hazards associated with removable radioactive contamination. Any previous radiological safety restrictions are hereby removed. Contamination surveys were performed in order to clear the equipment for non-radioactive material use. Prior to any isotope usage, the Health Physics Office must be notified so that the equipment may be labeled accordingly.

Equipment:

Nomenclature	Model	Serial Number	MMCN
Refrigerator/Freezer	N/A	N/A	N/A
Rad Hood	1947	498005	N/A

3. If you have any questions regarding this survey, you may contact SPC Brian Michelli at 356-0058.



BRIAN B. MICHELLI
SPC, USA
HEALTH PHYSICS TECHNICIAN

Radiation Equipment Survey Report

Room: 1028

Building: 54

Surveyor: Michell

Authorization: 577

Department: Environmental & Toxicological

Inspection Date: 3 AUG 04

Radio-
Nuclides:

Pathology

Meter Model: L3

Meter SN: 11995

Cal Due: 28 JUL 05

Equipment Information

Nomenclature: Refrigerator / Freezer
 Manufacturer: Fisher Scientific
 Model: W12
 Serial Number: _____
 MMCN: 4647

On / Off-Site Repair: ☐
 Turn-in / Transfer: ☐
 Admin Hold: ☐
 Non RAM Use Only: ☒
 Other: _____

Meter Readings

BKG	cpm	mR/hr
A	<u>< 1.00</u>	cpm mR/hr
B		cpm mR/hr
C		cpm mR/hr
D		cpm mR/hr
E		cpm mR/hr
F		cpm mR/hr
G	<u>< 1.00</u>	cpm mR/hr

HL 1.00 + < 1.00

Freeze cpm
22

Door
31

323
524
D25

Freeze 526
P 27
628
1228

Draw Picture Here

Laboratory Analysis

Technician: Michell Date: 3 AUG 04
 Auto-gamma: 62-20 LSC: 663-71 Swipe Numbers: 22-30

Record any samples > 200 dpm of removable contamination. If > 2000 dpm resurvey within 5 working days.

Swipe	Isotope	Efficiency	MDA (dpm)	DPM	Isotope	Efficiency	MDA	DPM

Comments

COMPLETED

Surveyor Comments

Radiation Equipment Survey Report

Room: 1024

Building: 54

Surveyor: Mitchell

authorization: 570

Department: Environmental & Toxicological Pathology
Radio-Nuclides:

Inspection Date: 3 AUG 01

Meter Model: L3

Meter SN: 11995

Cal Due: 8 Jul 05

Equipment Information

Nomenclature: 1260
 Manufacturer: Norlab
 Model: 1417
 Serial Number: _____
 MMCN: _____

On / Off-Site Repair:


Turn-in / Transfer:

Admin Hold:

Non RAM Use Only:

Other _____:

Meter Readings

BKG	66	cpm mR/hr
A		cpm mR/hr
B		cpm mR/hr
C		cpm mR/hr
D		cpm mR/hr
E		cpm mR/hr
F		cpm mR/hr
G		cpm mR/hr

Draw Picture Here

Surveyor Comments

c - underneath window

Laboratory Analysis

9/20/16

Date _____

Swipe Numbers

CST

1509

Auto-gamma

Auto-gamma

Record any samples > 200 dpm of removable contamination. If > 2000 dpm resurvey within 5 working days.

Swipe	Isotope	Efficiency	MDA (dpm)	DPM	Efficiency	Isotope	MDA	DPM
Record any samples > 200 dpm or removable contamination. If > 2000 dpm resurvey within 5 working days.								

Comments

COPIED

APPLICATION FOR AUTHORIZATION TO USE RADIOACTIVE MATERIAL -- NON-HUMAN USE

(TYPE OR PRINT LEGIBLY)

A. GENERAL INFORMATION

APPLICATION FOR: ☐ NEW AUTHORIZATION ☒ RENEWAL OF AUTHORIZATION ☐ AMENDMENT TO AUTHORIZATION
 NUMBER 577 NUMBER

APPLICANT'S NAME (LAST, FIRST, MI) Fishbein, William N., M.D., Ph.D.	APPLICANT MAILING ADDRESS (INCLUDE ORGANIZATION) Biochemistry Division - AFIP Dept Environ. & Tox. Path., Bldg 54, Rm M093c Washington, DC 20306-6000
TELEPHONE NUMBER: 202-782-2728	FAX NUMBER: 202-782-9215

B. AUTHORIZED USERS (PLEASE LIST ON PAGE 2)

C. RADIOACTIVITY USAGE LOCATION

LOCATIONS WHERE MATERIALS WILL BE USED (BUILDING AND ASSOCIATED ROOMS):

AFIP - Bldg 54, Room ~~3004/2~~ ^{3/18/03} 1028

LOCATIONS WHERE MATERIALS WILL BE STORED (BUILDING AND ASSOCIATED ROOMS):

AFIP - Bldg 54, Room ~~3004/2~~ ^{3/18/03} 1028

APPROVED BY RCC

On AUG 16 2001

LOCATIONS OF RADIOACTIVE WASH SINKS (BUILDING AND ASSOCIATED ROOMS):

AFIP - Bldg 54, Room ~~3004/2~~ ^{3/18/03} 1028

DATE

D. RADIOACTIVE MATERIAL DATA

RADIOISOTOPE	CHEMICAL AND/OR PHYSICAL FORM (SEALED AND/OR UNSEALED)	POSSESSION LIMIT	USE
³² P	Unsealed	1 mCi	DNA studies - PCR product
³⁵ S	Unsealed	1 mCi	DNA studies - Sequencing
¹³³ Ba	Sealed	0.02 mCi	100 sealed
¹⁴ C	Unsealed	1 mCi	Equilibrium exchange isotope

E. CERTIFICATE (THIS SECTION MUST BE COMPLETED BY APPLICANT)

I CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH WRAMC REGULATIONS AND THAT ALL CONTAINED HEREIN, INCLUDING ANY SUPPLEMENTS ATTACHED HERETO, IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

I ACKNOWLEDGE MY RESPONSIBILITY AS PRINCIPAL INVESTIGATOR AS DEFINED IN WRAMC REGULATIONS.

William N. Fishbein June 4, 2001
 SIGNATURE OF PRINCIPAL INVESTIGATOR DATE

ADMINISTRATIVE APPROVAL - CHIEF, DEPT. OR DIVISION (THE IMMEDIATE SUPERVISOR) OF THE PRINCIPAL INVESTIGATOR:

Flora Bell Shull 6/4/01
 SIGNATURE OF CHIEF, DEPT. OR DIV. DATE

F. WRAMC RADIATION CONTROL COMMITTEE APPROVAL

APPROVED: <u>William B. Johnson</u> ALTH PHYSICS OFFICER, WRAMC WILLIAM B. JOHNSON COL, MS CHIEF, HEALTH PHYSI	APPROVED: <u>David W. Burton</u> CHAIRPERSON SUBCOMMITTEE FOR NON-HUMAN USE: RADIATION CONTROL COMMITTEE, WRAMC Chief, Radioactive Material Control Health Physics, WRAMC	AUTHORIZATION NO.: <u>577</u> EXPIRATION DATE: <u>July 04</u>
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The Health Physics Office is
 granting interim approval to this
 application until the next
 scheduled RCC Meeting on 8/01
 Date

JUL 10 2001

WALTER REED ARMY MEDICAL CENTER
HEALTH PHYSICS OFFICE

6900 GEORGIA AVENUE, NORTHWEST • BUILDING 41, ROOM 38 • WASHINGTON, D.C. 20307-5001 • 202-356-0058/59

AUTHORIZATION REVIEW PROCESS

Authorization Number: 577

Date: 12 Jun 01

RMC BRANCH

	Initials		Comments
	Pending	Complete	
WRAMC Form 538		<i>JMB</i>	
WRAMC Form 1643		<i>JMB</i>	
Authorization or Amendments		<i>JMB</i>	<i>Renewal</i>
Protocol	<i>JMB</i>	<i>JMB</i>	<i>chemicals? hold for decay</i>
Isotopes		<i>JMB</i>	<i>Same</i>

OPERATIONS BRANCH

Pre-Room Survey		<i>JS</i>	<i>NA</i> <i>Same</i>
Admin Hold Survey		<i>JS</i>	<i>NA</i>
Final Survey		<i>JS</i>	<i>NA</i>
Bioassay Program		<i>JS</i>	<i>N/A</i>
Dosimetry Program		<i>JS</i>	Is a DD Form 1952 received? <u>Y</u> or N
Instrumentation		<i>JS</i>	

GENERAL COMMENTS

Delete J. Foellmer

Natalya from staff worker to co-worker; Co-worker on 680 1996 to 200


Annual Training #: 1064

Respond to email 0.1 ml of the phenol/CHCl₃ mix is used for each of the 2 tubes; It is withdrawn by pipette and stored in polyethylene jar behind lucite guard and ultimately turned in as radioactive waste as after >3 month as organic waste


MEMO: Dec. 13, 2002

Ms. Vanessa Cox
Walter Reed Army Medical Center
Preventive Medicine, Health Physics Office
Tel: 202-356-0047; Fax: 202-356-0086
WRAIR: 301-319-7354; pin number: 1087413
Pager, on-post: 356-1111; off-post: 1-800-759-8888

1. The Biochem. Div. now has 7 firm dates (12/17, 18, or 19) for a move from 3004-3008 (North wing) to 1028, 1054, 1052 (South wing).
2. The LSC housed in 3099 will be moved to 1028, our new isotope room, which will also house our isotopes and all such expts. The doors to this lab will be locked unless we are working in that room.
3. Our current locations were surveyed yesterday.


William N. Fishbein, MD, PhD
Chief, Biochem. Path. Div., Rm M093C
Head, NER & Cell Culture Lab
Armed Forces Inst. of Pathology
Washington, DC 20306-6000
Tel: 202-782-2728
Fax: 202-782-9215
fishbein@afip.osd.mil

The Health Physics Office is
granting interim approval to this
application until the next
scheduled RCC Meeting on 5/03
Date


LTC JOHN R. MERCIER, Ph.D.
Chief, WRAMC Health Physics
6900 Georgia Ave., NW
BLDG 41, Room 38
Washington, DC 20307-5001

MAR 11 2003

APPROVED BY RCC
On MAY 14 2003
DATE

WALTER REED ARMY MEDICAL CENTER
HEALTH PHYSICS OFFICE

6900 GEORGIA AVENUE, NORTHWEST • BUILDING 41, ROOM 38 • WASHINGTON, D.C. 20307-5001 • 202-356-0058 • FAX: 356-0086

AUTHORIZATION REVIEW PROCESS

Authorization Number: 577

Date: 12/13/02

RMC BRANCH

	Initials		Comments
	Pending	Complete	
WRAMC Form 538		<i>JMB</i>	<i>NA</i>
WRAMC Form 1643		<i>JMB</i>	<i>NA</i>
Authorization or Amendments		<i>JMB</i>	<i>Delete Rm 3002/4 Add Rm 1028</i>
Protocol		<i>JMB</i>	<i>NA</i>
Isotopes		<i>JMB</i>	<i>NA</i>

OPERATIONS BRANCH

Pre-Room Survey		<i>KDA</i>	<i>1028 posted 12/17/02</i>
Admin Hold Survey		<i>KDA</i>	
Final Survey	<i>KDA</i>	<i>TC</i>	<i>3002/4-completed 1/2/03</i>
Bioassay Program		<i>KDA</i>	
Dosimetry Program		<i>KDA</i>	
Instrumentation		<i>KDA</i>	

GENERAL COMMENTS

Pre-Survey Radiation Lab Form

Room: 1028

Authorization: 577

Surveyor: Kor

Building: 54

Department: _____

Inspection Date: 12/17/02

STRUCTURAL CHECKS

	YES	NO	N/A
1. Surfaces in the room are easily decontaminated.	X		
2. Work area is isolated from pedestrian traffic flow.	X		
3. Adequate shielding is available.	X		
4. Hood used for RAM has current certification.	X		AmC
5. No acoustical tiles on walls.	X	X	
6. No carpeting in lab areas.	X		
7. Policy in effect to control access. <i>The door will be yet lock to the hall. 2 entrances</i>	X		
8. Adequate storage available for RAM.	X		
9. Adequate storage available for radioactive waste.	X		

HPO TECHNICIAN CHECKS

INITIALS

1. Entrance, work areas, storage areas and waste storage areas are posted.	K 12/17/02
2. Equipment for use with Radioactive Material (RAM) is labeled.	IC
3. NRC Form 3 and "Notice to Employees" posted.	K
4. Master survey form created. (File Copy, Technician Copy, User Copy)	
5. Room added to survey database.	
6. Copy of master and completed checklist returned to Survey Program Manager	

COMMENTS:

Pre-Survey Radiation Lab Form

Room: 1028 Authorization: 577 Surveyor: KC
 Building: 54 Department: _____ Inspection Date: 12/17/02

STRUCTURAL CHECKS	YES	NO	N/A
1. Surfaces in the room are easily decontaminated.	X		
2. Work area is isolated from pedestrian traffic flow.	X		
3. Adequate shielding is available.	X		
4. Hood used for RAM has current certification.	X		AKC
5. No acoustical tiles on walls.	X	X	
6. No carpeting in lab areas.	X		
7. Policy in effect to control access. <i>The door will be yet lock to the hall. 2 entrances</i>	X		
8. Adequate storage available for RAM.	X		
9. Adequate storage available for radioactive waste.	X		

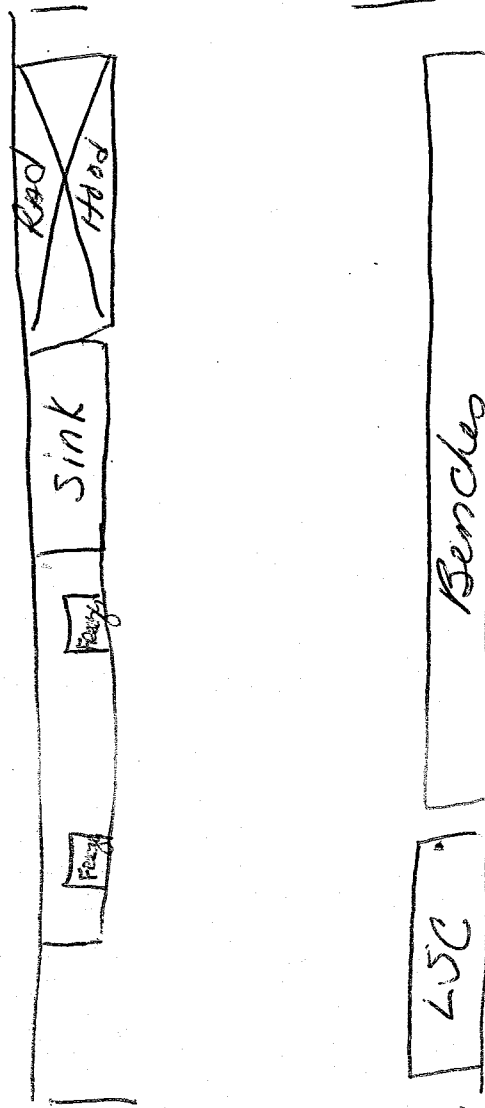
HPO TECHNICIAN CHECKS	INITIALS
1. Entrance, work areas, storage areas and waste storage areas are posted.	KC 12/17/02
2. Equipment for use with Radioactive Material (RAM) is labeled.	KC
3. NRC Form 3 and "Notice to Employees" posted.	KC
4. Master survey form created. (File Copy, Technician Copy, User Copy)	KC
5. Room added to survey database.	KC
6. Copy of master and completed checklist returned to Survey Program Manager	KC

COMMENTS:

Radiation Lab Sketch PRE-SURVEY

Room: 1028 Department: _____ Surveyor: Ms. Col

Building: 5H Authorization: 577 Inspection Date: 12/17/02



Draw Picture Here

Radiation Lab Summary Report

Room: 3002/4

Building: 54, AFIP

Authorization: Fishbein, William (577)

Surveyor: Alston

Department: Auth. 577, Biochemistry

Inspection Date: 2 Jan 03

Last Inspection: 11/19/2001 Frequency: 90 days

Meter Model: L3

Radio- Ba-133, P-32, S-35

Nuclides:

Meter SN: 11849

54_3002

Cal Due: 4 May 03

Initial Checks

	Yes	No	NA
RAM Secure?			X
Room Posted?	X		
Work Area Posted?	X		
Equipment Posted?	X		
User Surveys Performed?			X

User Inventory Log:

Isotope / Activity Used

Max Daily Use:

Model:

SN:

Cal Due:

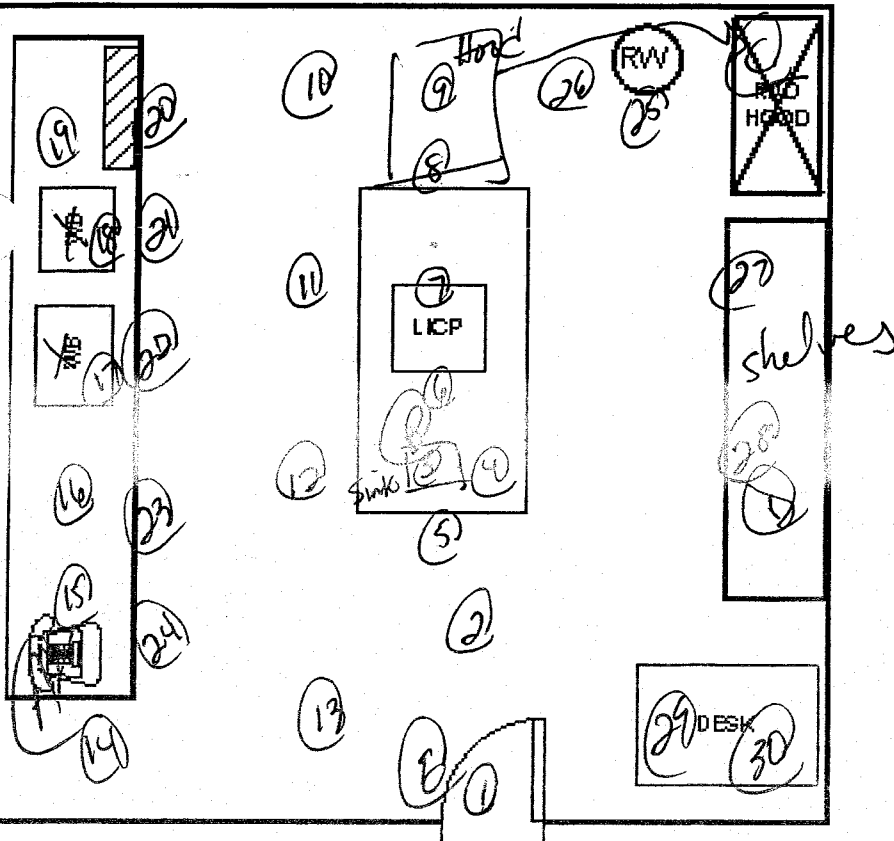
Lab Survey Meter:

Date of Last User Survey:

N/A
L3
11849
4 May 03

Meter Readings

BKG	cpm	mR/hr
A	40	cpm mR/hr
B	40	cpm mR/hr
C	40	cpm mR/hr
D	40	cpm mR/hr
E	40	cpm mR/hr
F	40	cpm mR/hr
G	1	cpm mR/hr



54-3002/4

Laboratory Analysis

Technician	Michelle		Date	2 Jan 03					
Auto-gamma	(8) 1-30		LSC	(2) 1-31					
Swipe Numbers									
1-30									
Record any samples > 200 dpm of removable contamination. If > 2000 dpm resurvey within 5 working days.									
Swipe	Isotope	Efficiency	MDA (dpm)	DPM	Swipe	Isotope	Efficiency	MDA	DPM

Record any samples > 200 dpm of removable contamination, if > 2000 dpm resurvey within 5 working days.

Surveyor Comments

Sample #31 data (LSC) cut-off. Noticed 13 Jan 03 - too late to retrieve.
Notified Lab worker to be more aware of this in future - PJ



DEPARTMENT OF DEFENSE
ARMED FORCES INSTITUTE OF PATHOLOGY
WASHINGTON DC 20306-6000

REPLY TO
ATTENTION OF

HPD Received 7/11/02

MEMO: July 3, 2002

Ms. Vanessa Cox
Walter Reed Army Medical Center
Preventive Medicine, Health Physics Office
Tel: 202-356-0047; Fax: 202-356-0086
WRAIR: 301-319-7354; pin number: 1087413
Pager, on-post: 356-1111; off-post: 1-800-759-8888

APPROVED BY RCC

on SEP 11 2002
DATE

Follow-up to June 14 memo with a few final changes:

1. To authorization # 577, I must add MSG Clarence Williams, BS, MS, MSM, as a staff worker. Forms 538 & 1952 are enclosed and he will take the WRAMC training course on July 17.
Add Dr. Sunday Ogunwuyi AS a staff worker.
2. Isotope C¹⁴ must be added to authorization #577 in the form of ¹⁴C-Carnitine for isotope equilibrium exchange assay of carnitine palmitoyl and acetyl transferases. Maximum amount 1 millicurie; procedure with flow-chart is enclosed, along with an order-approval form.
3. I have been tasked to take over Dr. Busch's Mutagen & Cell Culture Lab at the Gillette Bldg and therefore must take over authorization # 697 for tritiated thymidine, used in assessing the fibroblast response to radiation damage in patients with DNA repair defects. This involves the bimonthly/monthly preparation of microscope slides for grain counting, which will only be carried out when I am at the lab to supervise and participate in the prep.
4. Helen Manos, BS, MS and MSG Clarence Williams need to be added to # 697 as well, so that they can assist me in those experiments noted in #3. Helen will take the WRAMC training course in July or August, after which she may qualify as a Co-Investigator because of her extensive past experience.

William N. Fishbein, MD, PhD
Chief, Biochem. Path. Div., Rm M093C
Armed Forces Inst. of Pathology
Washington, DC 20306-6000

email: fishbein@afip.osd.mil
Tel: 202-782-2728
Fax: 202-782-9215

The Health Physics Office is
granting interim approval to this
application until the next
scheduled RCC Meeting on 8/2002
Date

JUL 31 2002

WILLIAM B. JOHNSON, PhD
Radiation Safety Officer
WRAMC

WALTER REED ARMY MEDICAL CENTER
HEALTH PHYSICS OFFICE

6900 GEORGIA AVENUE, NORTHWEST • BUILDING 41, ROOM 38 • WASHINGTON, D.C. 20307-5001 • VOICE: 202-356-0058 • FAX: 202-356-0086

AUTHORIZATION REVIEW PROCESS

Authorization Number: 571

Date: July 11, 2002

RMC BRANCH

	Initials		Comments
	Pending	Complete	
WRAMC Form 538		JMB	Rec'd
WRAMC Form 1643		JMB	NA
Authorization or Amendments		JMB	1. Add Clarence Williams as staff worker 2. Add C14
Protocol		JMB	Rec'd
Isotopes		JMB	Add C14 1mCi limit

OPERATIONS BRANCH

Pre-Room Survey		<i>[initials]</i>	
Admin Hold Survey		<i>[initials]</i>	
Final Survey		<i>[initials]</i>	
Bioassay Program		<i>[initials]</i>	
Dosimetry Program		<i>[initials]</i>	Is a DD Form 1952 received? <input checked="" type="radio"/> Y or N
Instrumentation		<i>[initials]</i>	

GENERAL COMMENTS

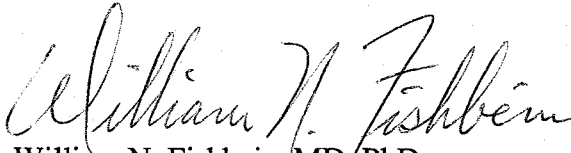
2. Add Sunday Ogunwuyi as a staff worker

C. Williams ID# : 604 ; Training # : 1159
S. Ogunwuyi ID# : 4528 ; " : 1159

Memo to :
Mr. David W. Burton
Chief, RMC Branch
Health Physics, WRAMC

July 26, 2001

1. The Biochemistry Division, Env. & Tox. Path. Dept., AFIP is adding Rm 3099, Bldg 54, to its Isotope Authorization #577 as a storage facility for our LSC and attendant items, as per our telephone conversation. Should we need to use this room for isotope experiments in the future, I will communicate with you before undertaking such work.



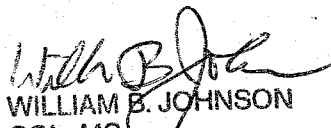
William N. Fishbein, MD, PhD
Chief, Biochem. Path. Div., Rm M093C
Armed Forces Inst. of Pathology
Washington, DC 20306-6000
Tel: 202-782-2728
Fax: 202-782-9215
fishbein@afip.osd.mil

APPROVED BY RCC
NOV 14 2001

on _____
DATE

The Health Physics Office is
granting interim approval to this
application until the next
scheduled RCC Meeting on 8/14/01
Date

AUG -5 2001



WILLIAM B. JOHNSON
COL, MS
CHIEF, HEALTH PHYSICS OFFICE

WALTER REED ARMY MEDICAL CENTER
HEALTH PHYSICS OFFICE

6900 GEORGIA AVENUE, NORTHWEST • BUILDING 41, ROOM 38 • WASHINGTON, D.C. 20307-5001 • 202-356-0058/59

AUTHORIZATION REVIEW PROCESS

Authorization Number: 577

Date: 31 July 01

RMC BRANCH

	Initials		Comments
	Pending	Complete	
WRAMC Form 538		<i>DMB</i>	<i>NA</i>
WRAMC Form 1643		<i>DMB</i>	<i>NA</i>
Authorization or Amendments		<i>DMB</i>	
Protocol		<i>DMB</i>	<i>NA</i>
Isotopes		<i>DMB</i>	<i>NA</i>

OPERATIONS BRANCH

Pre-Room Survey		<i>[Signature]</i>	<i>Room on auth 665</i>
Admin Hold Survey		<i>[Signature]</i>	<i>NA</i>
Final Survey		<i>[Signature]</i>	<i>NA</i>
Bioassay Program		<i>[Signature]</i>	<i>NA</i>
Dosimetry Program		<i>[Signature]</i>	<i>NA</i>
Instrumentation		<i>[Signature]</i>	<i>NA</i>

GENERAL COMMENTS

APPLICATION FOR AUTHORIZATION TO USE RADIOACTIVE MATERIAL -- NON-HUMAN USE

(TYPE OR PRINT LEGIBLY)

A. GENERAL INFORMATION

APPLICATION FOR: ☐ NEW AUTHORIZATION ☒ RENEWAL OF AUTHORIZATION ☐ AMENDMENT TO AUTHORIZATION
 NUMBER 577 NUMBER

APPLICANT'S NAME (LAST, FIRST, MI)

Fishbein, William N., M.D., Ph.D.

APPLICANT MAILING ADDRESS (INCLUDE ORGANIZATION)

Biochemistry Division - AFIP
 Dept Environ. & Tox. Path., Bldg 54, Rm M0930
 Washington, DC 20306-6000

TELEPHONE NUMBER: 202-782-2728

FAX NUMBER: 202-782-9215

B. AUTHORIZED USERS (PLEASE LIST ON PAGE 2)

C. RADIOACTIVITY USAGE LOCATION

LOCATIONS WHERE MATERIALS WILL BE USED (BUILDING AND ASSOCIATED ROOMS):

AFIP - Bldg 54, Room 3004/2

LOCATIONS WHERE MATERIALS WILL BE STORED (BUILDING AND ASSOCIATED ROOMS):

AFIP - Bldg 54, Room 3004/2

LOCATIONS OF RADIOACTIVE WASH SINKS (BUILDING AND ASSOCIATED ROOMS):

AFIP - Bldg 54, Room 3004/2

APPROVED BY
RCC 9/2/98
 DATE

D. RADIOACTIVE MATERIAL DATA

RADIOISOTOPE	CHEMICAL AND/OR PHYSICAL FORM (SEALED AND/OR UNSEALED)	POSSESSION LIMIT	USE
³² P	Unsealed	1 mCi	DNA studies - PCR product
³⁵ S	Unsealed	1 mCi	DNA studies - Sequencing
¹³³ Ba	Sealed	0.02 mCi	LSC standard

E. CERTIFICATE (THIS SECTION MUST BE COMPLETED BY APPLICANT)

I CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH WRAMC REGULATIONS AND THAT ALL CONTAINED HEREIN, INCLUDING ANY SUPPLEMENTS ATTACHED HERETO, IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

I ACKNOWLEDGE MY RESPONSIBILITY AS PRINCIPAL INVESTIGATOR AS DEFINED IN WRAMC REGULATIONS.

ADMINISTRATIVE APPROVAL - CHIEF, DEPT. OR DIVISION OF THE PRINCIPAL INVESTIGATOR.

SIGNATURE OF PRINCIPAL INVESTIGATOR

6/26/98
 DATE

SIGNATURE OF CHIEF, DEPT. OR DIV.

30 June 98
 DATE

F. WRAMC RADIATION CONTROL COMMITTEE APPROVAL

APPROVED:

APPROVED:

AUTHORIZATION NO. :

WILLIAM B. JOHNSON
 COL, MS

CHAIRPERSON SUBCOMMITTEE FOR NON-HUMAN
 USE: RADIATION CONTROL COMMITTEE, WRAMC

EXPIRATION DATE:

CHIEF, HEALTH PHYSICS OFFICE

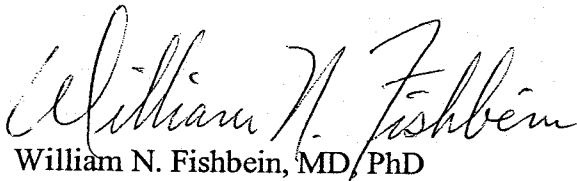
Health Physics, WRAMC

July 2001

Memo to :
Mr. David W. Burton
Chief, RMC Branch
Health Physics, WRAMC

July 26, 2001

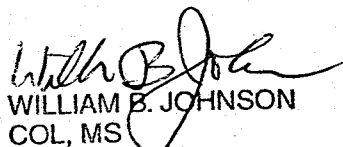
1. The Biochemistry Division, Env. & Tox. Path. Dept., AFIP is adding Rm 3099, Bldg 54, to its Isotope Authorization #577 as a storage facility for our LSC and attendant items, as per our telephone conversation. Should we need to use this room for isotope experiments in the future, I will communicate with you before undertaking such work.



William N. Fishbein, MD, PhD
Chief, Biochem. Path. Div., Rm M093C
Armed Forces Inst. of Pathology
Washington, DC 20306-6000
Tel: 202-782-2728
Fax: 202-782-9215
fishbein@afip.osd.mil

The Health Physics Office is
granting interim approval to this
application until the next
scheduled RCG Meeting on 8/16/01
Date

AUG -5 2001



WILLIAM B. JOHNSON
COL, MS
CHIEF, HEALTH PHYSICS OFFICE

AUTHORIZATION REVIEW PROCESS

AUTHORIZATION NO.: 577

DATE: 7/2/98

RMC BRANCH

	Initials		Comments
	Pending	Complete	
WRAMC Form 538		<i>JNB</i>	<i>Received</i>
WRAMC Form 1643		<i>JNB</i>	<i>Received</i>
Authorization or Amendments		<i>JNB</i>	<i>Renewal</i>
Protocol		<i>JNB</i>	<i>Received</i>
Isotopes		<i>JNB</i>	

OPERATIONS BRANCH

Pre-Room Survey		<i>APM</i>	<i>NA</i>
Admin Hold Survey		<i>APM</i>	<i>NA</i>
Final Survey		<i>APM</i>	<i>NA</i>
Bioassay Program		<i>APM</i>	<i>NA</i>
Dosimetry Program		<i>APM</i>	<i>952 Received</i>
Instrumentation		<i>APM</i>	<i>NA</i>

GENERAL COMMENTS

- 1. N. Meezhinskaya is now a co-investigator (pre Authorization she was a staff worker)*
 - 2. C-14 and H-3 not on new authorization*
 - 3. S35 possession limit decrease from 5mCi to 1mCi*
-
-
-

CHAMP
942AUTHORIZATION NUMBER: 577

(8) Medical Surveillance Program: Medical examinations are not routinely needed incident to occupational exposure to ionizing radiation.

(9) Pregnancy Surveillance Program: When a pregnant woman is occupationally exposed to ionizing radiation, the embryo-fetus enters the radiation environment involuntarily. Therefore, the female employee is responsible for advising her employer of the fact that she is pregnant. The employer must notify Health Physics of the pregnancy as soon as possible so the Pregnancy Surveillance Program can be implemented (see Paragraph 3-2b, AR 40-14).

B. All personnel will acknowledge receiving and understanding the above information by signing and dating this form or WRMC Form 538, Radiation Worker Briefing.

SIGN-IN FOR INITIAL/ANNUAL TRAINING: DATE: 7/11/00

Davis, John

Retired 4/00

Fishbein, William

Foellmer, John

Merezhinskaya, Natasha

SIGNATURE

William Fishbein

SIGNATURE

John Foellmer

SIGNATURE

Natasha Merezhinskaya

SIGNATURE

APPROVED BY RCC

SEP 14 2000

As Principal Investigator, I have insured that the above named individuals have received a briefing in accordance with 10 CFR Part 19.

Fishbein, William (577)
Principal Investigator

William Fishbein 7/11/00
SIGNATURE / DATE

* Individuals indicated with an asterisk may work in or frequent my areas where radioisotopes are used or stored, but do not work with radioactive material under my authorization, and are not to be added to my radioactive material authorization.

Revised 1 July 1994

The Health Physics Office is granting interim approval to this application until the next scheduled RCC Meeting on 9/2000
Date

William B. Johnson
WILLIAM B. JOHNSON
COL, MS
CHIEF, HEALTH PHYSICS OFFICE

AUG 11 2000

WALTER REED ARMY MEDICAL CENTER
HEALTH PHYSICS OFFICE

6900 GEORGIA AVENUE, NORTHWEST • BUILDING 41, ROOM 38 • WASHINGTON, D.C. 20307-5001 • 202-356-0058/59

AUTHORIZATION REVIEW PROCESS

Authorization Number: 577

Date: 25 July 2000

RMC BRANCH

	Initials		Comments
	Pending	Complete	
WRAMC Form 538		JNB	N/A
WRAMC Form 1643		JNB	N/A
Authorization or Amendments		JNB	Delete John Davis
Protocol		JNB	N/A
Isotopes		JNB	N/A

OPERATIONS BRANCH

Pre-Room Survey		W	N/A
Admin Hold Survey		W	N/A
Final Survey		W	N/A
Bioassay Program		W	N/A
Dosimetry Program		W	Never under the program
Instrumentation		W	N/A

GENERAL COMMENTS
