

7700 Canton Road
Richmond, Virginia
23226
Telephone 804-747-5600

RSS
MARCH 24, 1988

**Humana Hospital
St. Lukes**

U.S. REGULATORY COMMISSION
REGION II
101 MARIETTA STREET, NW
ATLANTA, GEORGIA 30323

DEAR SIRs:

We would like to request that the name of Dr. David L. Litchfield be removed from our NRC license, #45-16618-01. We would also like to add Dr. Lori Smithson to our license. Enclosed you will find Dr. Smithson's CV and preceptor statement, as well as a check for \$120.00.

Please expedite ASAP. Thanks for your cooperation.

Chris Holder, RT-R, NM

Chris Holder

Chief Tech, Nuclear Medicine
804-747-5636 or 747-5681

8904250344 880420
REG2 LIC30
45-16618-01 PNU

LOG *Apr - 2 - II*

Remitter	
Check No.	<i>009321</i>
Amount	<i>\$120</i>
Fee Category	<i>78</i>
Type of Fee	<i>And</i>
Date Check Rec'd	<i>4/8/88</i>
Date Comp. Rec'd	<i>4/8/88</i>
By	<i>Messier</i>

Official Copy

TRAINING AND EXPERIENCE
AUTHORIZED USER OR RADIATION SAFETY OFFICER

1. NAME OF AUTHORIZED USER OR RADIATION SAFETY OFFICER

Lori Smithson, M.D.

2. STATE OR TERRITORY IN
WHICH LICENSED TO
PRACTICE MEDICINE
VA

3. CERTIFICATION

SPECIALTY BOARD
A

CATEGORY
B

MONTH AND YEAR CERTIFIED
C

4. TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES

FIELD OF TRAINING A	LOCATION AND DATE(S) OF TRAINING B	TYPE AND LENGTH OF TRAINING	
		LECTURE/ LABORATORY COURSES (Hours) C	SUPERVISED LABORATORY EXPERIENCE (Hours) D
a. RADIATION PHYSICS AND INSTRUMENTATION	Medical College of Virginia October, November, December 1981 August 1983	100	100
b. RADIATION PROTECTION	Medical College of Virginia	25	20
c. MATHEMATICS PERTAINING TO THE USE AND MEASUREMENT OF RADIOACTIVITY	Medical College of Virginia	25	20
d. RADIATION BIOLOGY	Medical College of Virginia	48	
e. RADIOPHARMACEUTICAL CHEMISTRY	Medical College of Virginia	15	10

5. EXPERIENCE WITH RADIATION. (Actual use of Radioisotopes or Equivalent Experience)

ISOTOPE	MAXIMUM AMOUNT	WHERE EXPERIENCE WAS GAINED	DURATION OF EXPERIENCE	TYPE OF USE
Tc-99m	20 mCi	Medical College of Virginia	October, November, & December 1981	Clinical use
I-131	300 uCi	" " "	August 1983	"
Yb-169	1 mCi	" " "	"	"
Ga-67	5 mCi	" " "	"	"
Cr-51	50 uCi	" " "	"	"
Co-57	.5 uCi	" " "	"	"
I-125	500 uCi	" " "	"	"
Tl-201	3.0 mCi	" " "	"	"

PRECEPTOR STATEMENT

Supplement B must be completed by the applicant physician's preceptor. If more than one preceptor is necessary to document experience, obtain a separate statement from each.

1. APPLICANT PHYSICIAN'S NAME AND ADDRESS

FULL NAME

Smithson, Lori M.D.

STREET ADDRESS

CITY

STATE

ZIP CODE

KEY TO COLUMN C

PERSONAL PARTICIPATION SHOULD CONSIST OF:

- 1-Supervised examination of patients to determine the suitability for radioisotope diagnosis and/or treatment and recommendation for prescribed dosage.
- 2-Collaboration in dose calibration and actual administration of dose to the patient including calculation of the radiation dose, related measurements and plotting of data.
- 3-Adequate period of training to enable physician to manage radioactive patients and follow patients through diagnosis and/or course of treatment.

2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN

ISOTOPE A	CONDITIONS DIAGNOSED OR TREATED B	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION C	COMMENTS (Additional information or comments may be submitted in duplicate on separate sheets.) D
I-131 or I-125	DIAGNOSIS OF THYROID FUNCTION		Please See Attached Sheets
	DETERMINATION OF BLOOD AND BLOOD PLASMA VOLUME		
	LIVER FUNCTION STUDIES		
	FAT ABSORPTION STUDIES		
	KIDNEY FUNCTION STUDIES		
	IN VITRO STUDIES		
OTHER			
I-125	DETECTION OF THROMBOSIS		
I-131	THYROID IMAGING		
P-32	EYE TUMOR LOCALIZATION		
Se-75	PANCREAS IMAGING		
Yb-169	CISTERNOGRAPHY		
Xe-133	BLOOD FLOW STUDIES AND PULMONARY FUNCTION STUDIES		
OTHER			
Tc-99m	BRAIN IMAGING		
	CARDIAC IMAGING		
	THYROID IMAGING		
	SALIVARY GLAND IMAGING		
	BLOOD POOL IMAGING		
	PLACENTA LOCALIZATION		
	LIVER AND SPLEEN IMAGING		
	LUNG IMAGING		
	BONE IMAGING		
OTHER			

PRECEPTOR STATEMENT (Continued)

2. CLINICAL TRAINING AND EXPERIENCE OF ABOVE NAMED PHYSICIAN (Continued)

ISOTOPE A	CONDITIONS DIAGNOSED OR TREATED B	NUMBER OF CASES INVOLVING PERSONAL PARTICIPATION C	COMMENTS (Additional information or comments may be submitted in duplicate on separate sheets.) D
P-32 (Soluble)	TREATMENT OF POLYCYTHEMIA VERA, LEUKEMIA, AND BONE METASTASES		Please see attached Participated in I-131 treatment planning but did not have opportunity to follow patients after initial treatment.
P-32 (Colloidal)	INTRACAVITARY TREATMENT		
I-131	TREATMENT OF THYROID CARCINOMA		
	TREATMENT OF HYPERTHYROIDISM		
Au-198	INTRACAVITARY TREATMENT		
Co-60 or Cs-137	INTERSTITIAL TREATMENT		
	INTRACAVITARY TREATMENT		
I-125 or Ir-192	INTERSTITIAL TREATMENT		
	TELETHERAPY TREATMENT		
Co-60 or Cs-137	TELETHERAPY TREATMENT		
	TELETHERAPY TREATMENT		
Sr-90	TREATMENT OF EYE DISEASE		
	RADIOPHARMACEUTICAL PREPARATION		
Mo-99/ Tc-99m	GENERATOR		
Sn-113/ In-113m	GENERATOR		
Tc-99m	REAGENT KITS		
Other			

3. DATES AND TOTAL NUMBER OF HOURS RECEIVED IN CLINICAL RADIOISOTOPE TRAINING

October, November, December 1981; August 1983 = 640 HOURS

4. THE TRAINING AND EXPERIENCE INDICATED ABOVE WAS OBTAINED UNDER THE SUPERVISION OF:

a. NAME OF SUPERVISOR

Melvin J. Fratkin, M.D.

b. NAME OF INSTITUTION

Medical College of Virginia

c. MAILING ADDRESS

Box 1, MCV Station

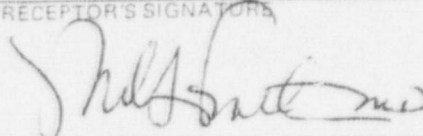
d. CITY

Richmond, VA 23298-0001

5. MATERIALS LICENSE NUMBER(S)

45-00048-17

6. PRECEPTOR'S SIGNATURE



7. PRECEPTOR'S NAME (Please type or print)

Melvin J. Fratkin, M.D.

8. DATE

1/18/88

ISOTOPE	CONDITIONS DX OR TREATED	NO. CASES OBSERVED	NO. CASES PARTICIPATED
I-131	Thyroid Uptake, Single	2	1
I-131	Thyroid Uptake, Multiple	18	9
I-131	Thyroid Scan & Uptake	12	6
Tc-99m	Thyrid Scan	46	8
I-131	Urinary Recovery	0	
I-125	Plasma Volume (RISA)	8	5
Cr-51	Red Cell Mass	4	2
Cr-51	Red Cell Survival	1	1
Cr-51	Red Cell Survival & Sequest.	0	
Tc-99m SC	Liver-Spleen	85	42
Tc-99m DISIDA	Hepatobiliary	37	15
Tc-99m	Salivary Gland	1	1
Tc-99m SC	Gastroesophageal Reflux	2	1
Tc-99m SC	Gastric Emptying	13	7
Tc-57	Schilling Tests Parts I & II	19	5
Tc-99m SC/Rbc's	G. I. Bleeding	18	9
Tc-99m SC	Esophageal Clearance	2	1
Tc-99m	Meckel's	4	1
Tc-99m MDP	Bone - Ltd.	97	54
Tc-99m MDP	Bone - Total	254	115
Tc-99m Rbc's	Cardiac Blood Pool, Gated	244	115
Tl-201	Thallium - stress or rest	4	1
Tc-99m PYP	Myocardial Infarction	10	5
Tl-201	Thallium - stress & resdist.	117	60
Tc-99m	Cardiac Shunt	2	1
Tc-99m MAA	Venogram	18	10

Sheldon M.D.

Melvin J. Frutkin, M.D.

1/10/88

ISOTOPE	CONDITIONS DX OR TREATED	NO. CASES OBSERVED	NO. CASES PARTICIPATED
Tc-99m MAA	Perfusion Lung	92	40
Xe-133	Ventilation Lung	31	18
Tc-99m GLUCO	Brain - statics only	1	1
Tc-99m GLUCO	Brain with Flow	16	7
Tc-99m GLUCO	Cerebrovascular Flow	3	1
Yb-169	Cisternogram	6	2
Tc-99m	Renal Blood Flow	80	30
Tc-99m	Testicular	3	1
Ga-67	Gallium - Ltd.	12	5
Ga-67	Gallium - Total	24	11
In-111 Wbc's	Indium - Ltd.	2	1
In-111 Wbc's	Indium - Total	2	1
I-131	Rx - Hyperthyroidism	27	6
I-131	Rx - Thyroid Ablation	1	1
I-131	Rx - Thyroid Cancer		

W. H. Smith MD
1/18/85