

*RLC*



13 July 2011

Jacqueline D. Cook  
Senior Health Physicist  
U.S. Nuclear Regulatory Commission, Region IV  
Division of Nuclear Materials Safety  
Licensing Assistant Section  
Texas Health Resources Tower  
612 E. Lamar Blvd, Suite 400  
Arlington, TX 76011-4125

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JUL 18 2011

DNMS

SUBJECT: NRC RAM License # 49-27629-01MD

Dear Ms. Cook:

I would request to amend US NRC Radioactive Materials License # 49-27629-01 MD to add the following individual as an Authorized Nuclear Pharmacist. This individual has completed the Purdue University Nuclear Pharmacist Authorized User Course and Supervised Training Program. I have included the completed NRC Form 313a for reference.

**John W. Jepperson** – NRC Form 313A, Pharmacist License, Nuclear Pharmacist Authorized User Course Summary & Certificate

I wish to thank you for your consideration of this request.

Sincerely,

**Gerard Strugala, RPh, BCNP**  
Vice President, Operations

PharmaLogic WY  
3480 Trigood Drive ♦ Suite 2 ♦ Casper ♦ Wyoming 82609  
307-261-7000 ♦ 307-261-9813 FAX

h 575610

**AUTHORIZED NUCLEAR PHARMACIST TRAINING AND  
EXPERIENCE AND PRECEPTOR ATTESTATION  
[10 CFR 35.55]**

APPROVED BY OMB: NO. 3150-0120  
EXPIRES: 3/31/2012

Name of Proposed Authorized Nuclear Pharmacist  
**John Jepperson**

State or Territory Where Licensed  
**Wyoming**

**PART I -- TRAINING AND EXPERIENCE**  
*(Select one of the two methods below)*

\* Training and Experience, including board certification, must have been obtained within the 7 years preceding the date of application or the individual must have obtained related continuing education and experience since the required training and experience was completed. Provide dates, duration, and description of continuing education and experience related to the nuclear pharmacy uses.

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**DNMS**

**1. Board Certification**

- a. Provide a copy of the board certification.
- b. Skip to and complete Part II Preceptor Attestation.

**2. Structured Educational Program for Proposed Authorized Nuclear Pharmacist**

- a. Classroom and Laboratory Training.

Description of Training	Location of Training	Clock Hours	Dates of Training*
Radiation physics and instrumentation	Purdue University West Lafayette, IN & Long Distance Learning	85	November 2010 - February 2011
Radiation protection	Purdue University West Lafayette, IN & Long Distance Learning	46	November 2010 - February 2011
Mathematics pertaining to the use and measurement of radioactivity	Purdue University West Lafayette, IN & Long Distance Learning	23	November 2010 - February 2011
Chemistry of byproduct material for medical use	Purdue University West Lafayette, IN & Long Distance Learning	21	November 2010 - February 2011
Radiation biology	Purdue University West Lafayette, IN & Long Distance Learning	40	November 2010 - February 2011

**Total Hours of Training: 215**

**AUTHORIZED NUCLEAR PHARMACIST TRAINING AND EXPERIENCE  
AND PRECEPTOR ATTESTATION (continued)**

**2. Structured Educational Program for Proposed Authorized Nuclear Pharmacist (continued)**

**b. Supervised Practical Experience in a Nuclear Pharmacy.**

Description of Experience	Location of Experience/License or Permit Number of Facility	Clock Hours	Dates of Experience*
Shipping, receiving, and performing related radiation surveys	CASPER, WY 49-27629-01 MD	50	11/15/10- 2/25/11
Using and performing checks for proper operation of instruments used to determine the activity of dosages, survey meters, and, if appropriate, instruments used to measure alpha- or beta-emitting radionuclides	CASPER, WY 49-27629-01 MD	100	11/15/10- 2/25/11
Calculating, assaying, and safely preparing dosages for patients or human research subjects	CASPER, WY 49-27629-01 MD	100	11/15/10- 2/25/11
Using administrative controls to avoid medical events in administration of byproduct material	CASPER, WY 49-27629-01 MD	50	11/15/10- 2/25/11
Using procedures to prevent or minimize radioactive contamination and using proper decontamination procedures	CASPER, WY 49-27629-01 MD	80	11/15/10- 2/25/11
<b>Total Hours of Experience:</b>		<b>660</b>	
Supervising Individual <i>Tamiko Usitid</i>			

**c. Go to and complete Part II Preceptor Attestation.**

**AUTHORIZED NUCLEAR PHARMACIST TRAINING AND EXPERIENCE  
AND PRECEPTOR ATTESTATION (continued)**

**PART II – PRECEPTOR ATTESTATION**

Note: This part must be completed by the individual's preceptor. The preceptor does not have to be the supervising individual as long as the preceptor provides, directs, or verifies training and experience required. If more than one preceptor is necessary to document experience, obtain a separate preceptor statement from each.

**First Section**

Check one of the following:

Board Certification

I attest that \_\_\_\_\_ has satisfactorily completed the requirements in  
Name of Proposed Authorized Nuclear Pharmacist

10 CFR 35.55(a)(1), (a)(2), and (a)(3) and has achieved a level of competency sufficient to function independently as an authorized nuclear pharmacist.

OR

Structured Educational Program

I attest that JOHN JEPPERSON has satisfactorily completed a 700-hour structured  
Name of Proposed Authorized Nuclear Pharmacist

educational program consisting of both 200 hours of classroom and laboratory training, and practical experience in nuclear pharmacy, as required by 10 CFR 35.55(b)(1) and has achieved a level of competency sufficient to function independently as an authorized nuclear pharmacist.

**Second Section**

Complete the following for preceptor attestation and signature:

I am an Authorized Nuclear Pharmacist for PHARMALOGIC WYOMING  
Nuclear Pharmacy or Medical Facility

49-27629-01MD  
License/Permit Number

Name of Preceptor	Signature	Telephone Number	Date
TAMIKO USHIO	Tamiako Ushio	307-261-7000	2/25/11

# NUCLEAR PHARMACY CERTIFICATE PROGRAM

## *Synopsis of Clock Hours of Training*

*John Jepperson  
Certificate Program #72  
Campus session: December, 2010*

College of Pharmacy  
Department of Pharmacy Practice  
Nuclear Pharmacy Programs  
Purdue University  
West Lafayette, Indiana 47907

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## Nuclear Pharmacy Certificate Program Outline:

### Contents:

1. Program Concept
2. Synopsis of Clock Hours of Training
3. DVD and Workbook (Self-Study Portion) Clock Hours
4. Campus Portion Laboratory and Lecture Clock Hours
5. Instructional Staff

### Abbreviations Used:

RPI:	Radiation Physics / Instrumentation
RP:	Radiation Physics
MA:	Math
RB:	Radiation Biology
RC:	Radiochemistry

## Nuclear Pharmacy Certificate Program Concept

The School of Pharmacy and Pharmacal Sciences at Purdue University offers a Certificate Program in Nuclear Pharmacy. The goal of the certificate program is to provide fundamental information to post-graduate pharmacists that will serve as a foundation for attaining competency as practitioners in nuclear pharmacy. The program follows the guidelines for nuclear pharmacy training prepared by nuclear pharmacists in the American Pharmaceutical Association, Section on Nuclear Pharmacy Practice.

This student completed the videotaped distance learning portion of the certificate program. This training module utilizes self-study concepts, including lectures on videotape and correlated reading assignments. The nuclear pharmacy manager, or other qualified nuclear pharmacist at the practice site, serves as the clinical instructor and mentor for the pharmacist in training. This portion is self-paced by the trainee with regular examinations returned to Purdue to assist in monitoring the learning process.

**Nuclear Pharmacy Certificate Program  
DVD and Workbook (Self-Study Portion) Clock Hours**

DVD	Instructor	Hours
Physics and Overview Disc 1-4	Dr. Stanley M. Shaw	RP/I: 11 RP: 4 MA: 1
Radiation Protection Disc 1-2	Dr. Paul Ziemer	RP: 8
Instrumentation Disc 1	Dr. Kara Weatherman	RP/I: 4
Radiopharmaceuticals Disc 1-3	Dr. Kara Weatherman	RP: 3 RB: 3 RC: 6
Math Review Disc 1	Dr. Kara Weatherman	MA: 4
Radionuclide Generators Disc 1	Ms. C. Anne Smith	RP/I: 2 MA: 2
Kit Preparation Disc 1	Dr. Kara Weatherman	MA: 4
Quality Control Disc 1	Ms. C. Anne Smith	RP/I: 2 MA: 1 RC: 1
Radiopharmaceutical Formulations (Disc 1)	Mr. James Ponto	RP/I: 1 MA: 1 RC: 2
Health Physics and Recordkeeping (Disc 1)	Dr. Brigette McGhee	RP/I: 2 RP: 2
Radiation Biology Disc 1-3	Dr. Stanley M. Shaw	RP/I: 3 RB: 9
Late Effects of Ionizing Radiation (Disc 1)	Dr. William R. Widmer	RP/I: 1 RB: 3
Radiation Safety in Pregnant and Breastfeeding Patients (Disc 1)	Mr. James Ponto	RP/I: 1 RP: 3
Adverse Drug Reactions (Disc 1)	Mr. James Ponto	RP/I: 1 RP: 2 RB: 1
Radiopharmaceutical Updates (Disc 1-3)	Dr. Richard Kowalsky	RP/I: 9 RB: 3
Blood Pool Imaging (Disc 1)	Dr. Ronald Calahan	RP/I: 1 MA: 1 RC: 2
Clinical PET	Dr. Laura Boles Ponto	RP/I: 1 RP: 1 RC: 2
Nuclear Pharmacy Regulations (Disc 1-2)	Dr. Stanley M. Shaw	RP: 8
Radiopharmaceutical Chemistry (Disc 1-4)	Dr. Mark A. Green	RC: 16



## Nuclear Pharmacy Certificate Program On-Campus Portion Clock Hours

Session	Instructor	
On-Campus portion:	Dr. Kara Weatherman	RP/I: 34 RP: 13 MA: 10 RB: 0 RC: 8

## Nuclear Pharmacy Certificate Program Instructional Staff

Dr. Stanley M. Shaw, Ph.D.  
 Professor of Nuclear Pharmacy  
 Purdue University  
 West Lafayette, Indiana 47097

Brigette McGhee  
 Staff Pharmacist  
 Central Pharmacy Services, Inc  
 Jacksonville, FL

Dr. Paul Ziemer, Ph.D.  
 Professor Emeritus of Health Physics  
 Purdue University  
 West Lafayette, Indiana 47097

Dr. William R. Widmer, D.V.M.  
 Associate Professor of Diagnostic Imaging  
 Department of Veterinary Clinical Sciences  
 School of Veterinary Medicine  
 Purdue University  
 West Lafayette, Indiana 47907

Dr. Kara Weatherman, PharmD, BCNP, FAPhA  
 Assistant Professor of Nuclear Pharmacy  
 Purdue University  
 West Lafayette, Indiana 47907

Dr. Richard J. Kowalsky, PharmD, BCNP, FAPhA  
 Associate Professor Pharmacy and Radiology  
 University of North Carolina  
 Chapel Hill, North Carolina 27599

Ms. C. Anne Smith, M.S., B.C.N.P.  
 Nuclear Pharmacy Program Director  
 Purdue University  
 West Lafayette, IN 47907

Dr. Ronald Callahan, PhD  
 Harvard Medical School  
 - Associate Professor of Radiology  
 Massachusetts General Hospital  
 - Director of Nuclear Pharmacy  
 Boston, Massachusetts 02114

Mr. James A. Ponto, M.S., B.C.N.P.  
 Division of Nuclear Medicine  
 University of Iowa Hospitals and Clinics  
 Iowa City, Iowa 52242

Dr. Laura Boles Ponto, PhD  
 Division of Nuclear Medicine  
 University of Iowa Hospitals and Clinics  
 Iowa City, Iowa 52242

Dr. Mark A Green, PhD  
 Professor of Industrial and Physical Pharmacy  
 Division of Nuclear Pharmacy  
 Purdue University  
 West Lafayette, Indiana 47907

Form Updated 08/10

TRAINING RECEIVED IN BASIC RADIOISOTOPE HANDLING TECHNIQUES\*

Trainee: JOHN JEPPELSON  
 Date issued: February 2, 2010

Location of Training	Date(s) of Attendance	Nuclear Pharmacy Certificate Program	Total Clock Hours of Course	Breakdown of Course Content in Clock Hours				
				Radiation Physics & Instrumentation	Radiation Protection	Math Pertaining to Radioactivity	Radiation Biology	Radio-pharmaceutical Chemistry
Purdue University		DVD-Workbook	150	51	33	13	21	32
		On-Site	65	34	13	10	0	8
Total Hours Received			<b>215</b>					
Hourly breakdown by topic				85	46	23	21	40

\* This form is representative of that which is used to apply for an NRC license amendment for an authorized user.

Director of Nuclear Pharmacy Training Programs: *Kara D Weatherman*  
 Kara Duncan Weatherman, PharmD, BCNP, FAPhA  
 Clinical Assistant Professor of Pharmacy Practice  
 Purdue University  
 Nuclear Pharmacy Programs

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PURDUE UNIVERSITY

WEST LAFAYETTE, INDIANA

COLLEGE OF PHARMACY  
DEPARTMENT OF PHARMACY PRACTICE  
NUCLEAR PHARMACY PROGRAMS

THIS CERTIFICATE IS AWARDED TO

*John Jepperson*

AS EVIDENCE OF COMPLETION OF THE

NUCLEAR PHARMACY CERTIFICATE PROGRAM

*February 2, 2011*

*Kara D Weatherman*

Director of Nuclear Pharmacy Training Programs

# Wyoming

## State Board of Pharmacy



Search Pharmacy Database

[Start New Search](#)

The Wyoming State Board of Pharmacy certifies that it maintains the information for the license verification function of this website, performs daily updates to the website and considers the website to be a secure, primary source for license verification.

### Highlights

[Items of Interest](#)

[Prescription Drug Monitoring Program](#)

[Submit a Complaint](#)

### Contact Info

State Board Of Pharmacy  
Mary K. Walker, Executive Director  
1712 Carey Avenue, Ste 200  
Cheyenne, WY 82002  
Email: [top@wyo.gov](mailto:top@wyo.gov)

Phone: (307) 634-9636  
Fax: (307) 634-6335

### Search Results

License #	First Name	Middle Name	Last Name	Issued	Expiration	Status	Discipline
3421	John	W.	Jepperson	2/28/2011	12/31/2011	Active	None

This is to acknowledge the receipt of your letter/application dated 7-13-2011, and to inform you that the initial processing, which includes an administrative review, has been performed.

\_\_\_\_\_  
DATE

There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card:

\_\_\_\_\_  
The action you requested is normally processed within 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 575610.  
When calling to inquire about this action, please refer to this mail control number.  
You may call me at 817-860-8103.

Sincerely,

  
Licensing Assistant

BETWEEN:

Accounts Receivable/Payable  
and  
Regional Licensing Branches

[ FOR ARPB USE ]  
INFORMATION FROM LTS

Program Code: 02500  
Status Code: Pending Amendment  
Fee Category: 2B 3C  
Exp. Date:  
Fee Comments:  
Decom Fin Assur Reqd: N

### License Fee Worksheet - License Fee Transmittal

#### A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: PHARMALOGIC WY, INC.  
Received Date: 07/18/2011  
Docket Number: 3038007  
Mail Control Number: 575610  
License Number: 49-27629-01MD  
Action Type: Amendment

2. FEE ATTACHED

Amount: \_\_\_\_\_

Check No.: \_\_\_\_\_

3. COMMENTS

Signed: Colleen Murnahan  
Date: 7-18-2011

**B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered ( ) )**

1. Fee Category and Amount: \_\_\_\_\_

2. Correct Fee Paid. Application may be processed for:

Amendment: \_\_\_\_\_

Renewal: \_\_\_\_\_

License: \_\_\_\_\_

3. OTHER \_\_\_\_\_  
\_\_\_\_\_

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

From: (561) 416-0085  
Lynn Kadrey

Origin ID: PHKA



Ship Date: 13JUL11  
ActWgt: 1.0 LB  
CAD: 100792193/NET3180

1 South Ocean Blvd  
Suite 206  
Boca Raton, FL 33432

J11201104290225

Delivery Address Bar Code



SHIP TO: (817) 860-8132

BILL SENDER

**Jacqueline D. Cook**  
US NRC Region IV, Div Nuc Mat Safet  
612 E LAMAR BLVD STE 400  
LICENSING ASSISTANT SECTION  
ARLINGTON, TX 76011

Ref #  
Invoice #  
PO #  
Dept #

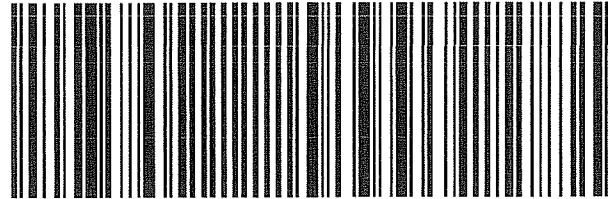
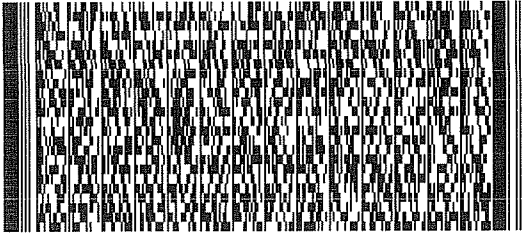
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