



**Integrated Science Support, Inc.**

14464 N 169 Hwy  
Smithville, MO 64089  
(816) 390-9011

ACR Accreditation Program Requirements for  
Medical Physicists  
**Greg Sackett, M.S., CHP**

*Contents*

Master of Science in Health Physics ó Texas A&M University

Syllabi from Medical Physics Coursework

Documentation of Experience (CT, MRI, NM)

Continuing Experience in CT

Continuing Experience in MR

Continuing Experience in NM

Continuing Education

**Distributed February 2026**

# Texas A & M University

To all to whom these presents may come Greeting  
Be it Known that

Gregory Duane Sackett

having completed the studies and satisfied the requirements for the Degree of  
**Master of Science**  
has accordingly been admitted to that Degree with all the honors, rights and  
privileges belonging thereto.

Given under the seal of the University at College Station, Texas, on the  
twelfth day of August, A.D., nineteen hundred ninety-five.

Health Physics



Mary Van Fleet  
Chair, Board of Regents

Ray M. Bowen  
President of the University

Larry R. English  
Executive Director of Admissions & Records

## Greg Sackett

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**From:** Butler, Penny <PButler@acr.org>  
**Sent:** Wednesday, February 11, 2015 5:04 PM  
**To:** Greg Sackett  
**Cc:** Bush, Krista; Butler, Penny  
**Subject:** RE: ACR Requirements for Physicist Qualifications

Greg,

After discussion with others at ACR, we consider the coursework to meet the spirit of the requirements. You should retain your syllabi as documentation for meeting these requirements.

*Penny*

Priscilla F. Butler, M.S., FACR, FAAPM  
Senior Director and Medical Physicist, Quality and Safety  
American College of Radiology  
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**NUEN 409 - RADIOLOGICAL SAFETY**  
**FALL 1993**

**Description:** NUEN 409. Radiological Safety. (3-0). Credit 3. Interaction of nuclear radiations with matter and biological systems. Theory and practice of radiation dosimetry as applied to radiation protection. Application of radiation dosimetry systems for personnel monitoring and accident situations. External and internal dosimetry as well as long-term risk analysis. Prerequisites: NUEN 201, 202.

**Goals:** This course is designed to introduce nuclear engineering and radiological health engineering students to the basic principles, concepts, and methodology of radiation protection and radiological hazard evaluation.

**Textbooks:** R. E. Faw and J. K. Shultis  
*Radiological Assessment: Sources and Exposures*  
 PTR Prentice-Hall, 1993

F. W. Walker, J. R. Parrington, F. Feiner  
*Chart of the Nuclides*, 14th edition, General Electric Company, 1989

**References:** J. E. Turner, *Atoms, Radiation, and Radiation Protection*, Pergamon Press, 1986.

H. E. Cember, *Introduction to Health Physics*, 2nd Edition, Pergamon, Press, 1987.

**Instructor:** Dr. Wesley E. Bolch, 58-O Zachry, 845-4138  
 Office Hours: WM 3:00 - 5:00 pm

<u>DATE</u>	<u>TOPIC</u>	<u>TEXT</u>	
August 30	Course Intro, Goals, and Objectives	1.1 - 1.6	
September	1	Radioactivity	"
	3	Radioactive Decay	"
	6	HW Review	"
	8	Radiation Interactions with Matter	2.1 - 2.9
	10	"	"
13	HW Review	"	
15	<b>EXAM 1</b>		
17	Radiation Dosimetry Quantities & Units	1.3	
20	"	"	
22	U.S. Exposures to Ionizing Radiation	4.1 - 4.6	

**DATE****TOPIC**

September	24	Biological Effects	3.1 - 3.7
	27	"	"
	29	Biological Effects / HW Review	"
<b>October</b>	<b>1</b>	<b>EXAM 2</b>	
	4	External Dosimetry	2.10 - 2.15
	6	"	"
	8	"	"
	11	"	"
	13	HW Review	"
	15	External Dosimetry	6.1 - 6.8
	18	"	"
	20	"	"
	22	"	"
	25	HW Review	"
	27	Internal Dosimetry	8.1 - 8.6
	29	"	"
<b>November</b>	<b>1</b>	<b>EXAM 3</b>	
	3	"	"
	5	"	"
	8	HW Review	"
	10	Internal Dosimetry	8.7 - 8.13
	12	"	"
	15	"	"
	17	HW Review	"
	<b>19</b>	<b>EXAM 4</b>	
	22	Radiat. Prot. Guidelines & Regs	1.4 - 1.5
	24	"	"
	<b>26</b>	<b>Thanksgiving Holiday</b>	
	29	Radiat. Prot. Guidelines & Regs	"
December	1	"	"
	3	Non-Ionizing Radiation	(Lecture Notes)
	6	"	"
	8	HW Review	"
	<b>14</b>	<b>EXAM 5</b>	

659  
**NUEN 615**  
**Theory and Applications of Microdosimetry**

**Course Description:** Advanced course in the theory, measurement, and calculation of microdosimetric spectra. Emphasis will be placed on the practical applications of microdosimetry in the determination of absorbed dose distributions within tissue, the statistical fluctuations of absorbed dose at the cellular and subcellular level, and the future impact of microdosimetry to radiation protection guidelines. The course would be of interest to those students studying health physics, radiological health engineering, medical physics, and radiation biology.

**Format:** Three 50-minute lecture periods per week

**Pre-requisites:** NUEN 613

**References:** "Fundamentals of Microdosimetry," Albrecht M. Kellerer  
*The Dosimetry of Ionizing Radiation, Volume I*  
K. R. Kase, B. E. Bjarnard, and F. H. Attix, Eds.  
Academic Press, New York, 1985.

"Relationship of Microdosimetric Techniques to Applications  
in Biological Systems," Dudley T. Goodhead  
*The Dosimetry of Ionizing Radiation, Volume II*  
K. R. Kase, B. E. Bjarnard, and F. H. Attix, Eds.  
Academic Press, New York, 1987.

*Microdosimetry*, ICRU Report 36  
International Commission on Radiation Units and  
Measurements  
Bethesda, Maryland, 1983.

"An Introduction to Microdosimetry"  
J. E. Turner, Oak Ridge National Laboratory  
*Radiation Protection Management*, Vol. 9, No. 3 (May/June  
1992).

**Instructor:** Dr. Wesley E. Bolch, 58-O Zachry, 845-4138  
Office Hours: 11:30 am - 1:30 pm MW

### Lecture Topics:

1. Course Introduction and Historical Review
2. Linear Energy Transfer
3. Proportional Counter Microdosimetry
  - Quantities and Units
  - External Radiation Exposures
  - Internal Radiation Exposures
4. Radiation Chemistry Fundamentals and DNA Damage
5. Track Profiles and Track Entities
6. Theories and Models for Cell Survival
7. Track Structure Simulations
  - Radiation Transport by Monte Carlo Methods
  - Simulation Methods for Charged-Particles
  - Oak Ridge Electron Transport Code (OREC)
  - Electron-Gamma-Shower (EGS4)
8. Student Lecture Presentations

### Determination of Final Course Grade:

Exam 1	25%
Exam 2	25%
Homework	20%
Lecture Presentation	30%

### Student Lecture Presentations

Each student will select a research topic in a particular area of microdosimetry and collect relevant journal articles or other publications on that subject (minimum of 5 journal articles). Toward the end of the course, each student will then give a full 50-minute lecture on that particular subject. The student grade will be based upon his or her presentation style, use of visuals, degree of preparation, depth of discussion, and ability to solicit questions from the other students.



## **Integrated Science Support, Inc**

2027 N. 36<sup>th</sup> Street  
St. Joseph, MO 64506  
P: (816) 390-9011  
P: (800) 306-4477  
F: (816) 390-8003

February 20, 2015

To: Whom It May Concern

From: Jon J. Erickson, Ph.D., DABR

Subject: Clinical Experience Requirement for Greg Sackett, M.S., CHP

This memo is to certify that between the dates of January 2, 2012, and February 20, 2015, Greg Sackett, M.S., CHP, performed medical physicist duties in computed tomography(CT), magnetic resonance imaging (MRI) and clinical nuclear medicine (NM) environments. These duties included annual CT and MRI physics evaluations, quarterly nuclear medicine audits, dose calibrator quality control tests, sealed source inventory and leak tests, record reviews, well counter tests, and gamma camera quality control testing.

The records of this experience are available in the corporate offices of Integrated Science Support, Inc., at 2027 N. 36<sup>th</sup> Street, Saint Joseph, MO 64506.



# Integrated Science Support, Inc.

14450 N 169 Hwy, Ste O  
Smithville, MO 64089

The following is a true representation of the Continuing CT System Evaluation Experience for the indicated Physicist.

2/3/2026

Stephen E. Hale, Ph.D., DABR  
President

Date

## Continuing Experience Summary for Greg Sackett, M.S., CHP

Facility State	Manufacturer	System Model	Date Performed
KS	Siemens	SOMATOM go.Sim	4/29/2024
KS	Canon	Prime SP Aquilion	8/26/2024
KS	Siemens	Symbia Inteva Excel	8/26/2024
KS	Fujifilm	Supria	4/14/2025
KS	GE	LightSpeed VCT	5/13/2025
KS	GE	Optima	8/4/2025
KS	Siemens	Symbia Inteva Excel	8/21/2025
KS	Canon	Prime SP Aquilion	8/21/2025
KS	GE	64 Slice CTVOL	12/12/2025
KS	Toshiba	Aquilion Lightning	1/21/2026
MO	Hitachi	Supria	3/8/2024
MO	Siemens	Biograph mCT	4/4/2024
MO	Siemens	Intevo Excel	4/23/2024
MO	Toshiba	Aquilion Prime	4/23/2024
MO	Siemens	Emotion 16	5/14/2024
MO	Siemens	Somatom Perspective	5/15/2024
MO	GE	Bright Speed 16	9/6/2024
MO	GE	Discovery	9/18/2024
MO	Canon	Aquilion ONE	10/14/2024
MO	Canon	Aquilion Prime SP	10/14/2024
MO	Siemens	Intevo Excel	11/19/2024
MO	Siemens	INTEVO EXCEL SPECT/CT	12/11/2024

Facility State	Manufacturer	System Model	Date Performed
MO	Siemens	SOMATOM go.ALL	12/16/2024
MO	Canon	Aquilion Lightning	12/18/2024
MO	Siemens	Somatom Definition AS 64	1/30/2025
MO	Siemens	Somatom Definition AS	2/20/2025
MO	Siemens	Somatom Definition AS	2/25/2025
MO	GE	Lightspeed VCT	3/11/2025
MO	GE	Light Speed	3/12/2025
MO	Toshiba	Aquilion Prime	4/8/2025
MO	Siemens	Intevo Excel	4/8/2025
MO	Siemens	Biograph mCT	4/10/2025
MO	Siemens	Biograph Vision	4/17/2025
MO	Siemens	Emotion 16	5/20/2025
MO	GE	Light Speed VCT 64	9/2/2025
MO	GE	Bright Speed 16	11/3/2025
MO	Siemens	INTEVO EXCEL SPECT/CT	12/5/2025
MO	Canon	Aquilion Lightning	12/16/2025
MO	Siemens	Somatom Definition AS 64	1/14/2026



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The following is a true representation of the Continuing MRI System Evaluation Experience for the indicated Physicist.

2/3/2026

**Stephen E. Hale, Ph.D., DABR**  
**President**

**Date**

## Continuing Experience Summary for Greg Sackett, M.S., CHP

Facility State	Manufacturer	System Model	Date Performed
KS	Canon	Titan 1.5T	6/28/2024
KS	GE	Invivo 1.5T	8/26/2024
KS	GE	HDx 1.5T	8/7/2025
KS	GE	Discovery	8/14/2025
KS	GE	Invivo 1.5T	8/21/2025
KS	Siemens	Magnetom Sola	12/19/2025
MO	Toshiba	Vantage Titan	3/4/2024
MO	Philips	Achieva 1.5 T	5/21/2024
MO	Canon	Vantage Orian	7/23/2024
MO	Philips	Intera 1.5	11/1/2024
MO	Siemens	Espreo	1/30/2025
MO	Philips	Achieva 1.5 T	5/22/2025
MO	Philips	Intera 1.5	11/25/2025
MO	GE	Optima MR450w 1.5T	1/10/2026
MO	GE	Discovery MR750 3T	1/10/2026
MO	Siemens	Espreo	1/14/2026



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The following is a true representation of the Continuing Nuclear Medicine Camera Evaluation Experience for the indicated Physicist.

2/3/2026

**Stephen E. Hale, Ph.D., DABR**  
President

Date

## Continuing Experience Summary for Greg Sackett, M.S., CHP.

Facility State	Manufacturer	System Model	Date Performed
IA	GE	MPR	5/22/2024
IA	Scandia	45	5/22/2024
IA	GE	Discovery 690	5/22/2024
IA	GE	Discovery DSTE	5/22/2024
IA	GE	MPR	5/22/2024
IA	GE	Discovery DSTE	5/29/2025
IA	GE	MPR	5/29/2025
IA	GE	MPR	5/29/2025
IA	Scandia	45	5/29/2025
IA	GE	Discovery 690	5/29/2025
KS	NA	NA	3/12/2024
KS	GE	Infinia	7/15/2024
KS	Siemens	Symbia Evo	8/27/2024
KS	Siemens	Symbia Intevo Excel	8/27/2024
KS	GE	Millenium	8/29/2024
KS	GE	Hawkeye	8/29/2024
KS	Siemens	Evo	9/3/2024
KS	NA	NA	9/5/2024
KS	NA	NA	11/18/2024
KS	NA	NA	12/19/2024
KS	NA	KS License 12-B1090	1/22/2025
KS	GE	Discovery 530c	2/27/2025

Facility State	Manufacturer	System Model	Date Performed
KS	NA	NA	3/3/2025
KS	NA	NA	6/20/2025
KS	NA	KS License 12-B1090	7/1/2025
KS	GE	NM 830	7/8/2025
KS	GE	Infinia	7/29/2025
KS	GE	NM 830	7/31/2025
KS	GE	Hawkeye	8/6/2025
KS	GE	Millenium	8/6/2025
KS	NA	NA	9/3/2025
KS	NA	KS License 12-B1090	1/13/2026
MO	GE	Discovery	3/21/2024
MO	Siemens	Intevo Excel	3/21/2024
MO	Spectrum Dyna	DSPECT	4/15/2024
MO	Siemens	Pro.specta	4/26/2024
MO	Siemens	Signature E-Cam	5/6/2024
MO	Siemens	eCam	5/23/2024
MO	Spectrum Dyna	D-SPECT	7/25/2024
MO	Siemens	Intevo Excel	11/19/2024
MO	Siemens	Biograph mCT	12/5/2024
MO	Siemens	Biograph Vision	2/26/2025
MO	GE	Discovery	3/18/2025
MO	Siemens	Intevo Excel	3/18/2025
MO	GE	NM 830	7/23/2025
MO	Spectrum Dyna	DSPECT	11/13/2025

Logged in as gsackett@issphysics.com, CAMPEPID# 40727 | [Logout](#)

**CAMPEP**  
**Commission on Accreditation of Medical Physics Education Programs, Inc.**  
**Certificate of Medical Physics Continuing Education Credits**  
**----Transcript----**

**Greg Sackett**

14450 N 169 Hwy, Suite O  
 Smithville, MO 64089  
 US

Participated in the following CAMPEP accredited educational program(s) and is awarded Medical Physics Continuing Education Credits (MPCECs) as designated

<b>Program Title</b>	<b>Date Credits Earned</b>	<b>Category./ SubCategory.</b>	<b>EA Title</b>	<b>Credits</b>
2024 AAPM Online Learning Center	03/12/2024	Diagnostic Radiology: Magnetic Resonance	4296-N Imaging Implants in MR	1
2025 AAPM Online Learning Center	10/09/2025	Diagnostic Radiology: Magnetic Resonance	An Introduction to MRI Physics 2017	1
2025 AAPM Online Learning Center	10/16/2025	Diagnostic Radiology: Computed Tomography	Implementation of Low Dose CT Strategies: How Low Is Too Low 2017	1
2025 AAPM Online Learning Center	11/10/2025	Nuclear Medicine: None	N-4917 The Use of Approved Radiopharmaceutical Therapies and a Review of NRC Regulations [2023]	1
Total Released Credits:				4

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