



Department of State Health Services

RADIOACTIVE MATERIAL LICENSE

Pursuant to the Texas Radiation Control Act and Texas Department of State Health Services (Agency) regulations on radiation, 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 radioactive material listed below; and to use such radioactive material for the purpose(s) and at the place(s) designated below. This license is subject to all applicable rules, regulations and orders of the Agency now or hereafter in effect and to any conditions specified below.

LICENSEE		This license is issued in response to a letter	
1. Name	UNIVERSITY OF TEXAS AT SAN ANTONIO ENVIRONMENTAL HEALTH SAFETY AND RISK MANAGEMENT ATTN JAMES A LEWIS PHD	Dated:	October 29, 2008
2. Address	ONE UTSA CIRCLE SAN ANTONIO TX 78249	Signed by:	James A. Lewis, Ph.D.
		3. License Number	Amendment Number
		L01962	59
PREVIOUS AMENDMENTS ARE VOID			
		4. Expiration Date	June 30, 2010

RADIOACTIVE MATERIAL AUTHORIZED			
5. Radioisotope	6. Form of Material	7. Maximum Activity	8. Authorized Use
A. H-3	A. Any	A. 400 millicuries	A. Research and education.
B. C-14	B. Any	B. 40 millicuries	B. Research and education.
C. P-32	C. Any	C. 100 millicuries	C. Research and education.
D. P-33	D. Any	D. 100 millicuries	D. Research and education.
E. S-35	E. Any	E. 200 millicuries	E. Research and education.
F. Ca-45	F. Any	F. 1 millicurie	F. Research and education.
G. I-125	G. Any	G. 100 millicuries	G. Research and education.

° Texas Administrative Code (TAC)

9. Radioactive material shall be stored and used only at:

Site Number
000

Location
San Antonio - One UTSA Circle

Building Names: Science
Campus Rooms:
1.01.24, 1.01.28, 1.01.30C, 1.01.32, 1.03.06B, 3.01.26,
3.01.26B, 3.01.26C, 3.01.46, 3.01.50, 3.01.54, 3.02.20,
3.02.26, 3.02.26A, 3.02.30, 3.02.36 3.02.38, 3.02.40,
3.02.44, 3.02.45, 3.02.46, 3.02.50, 4.02.54

BioSciences
1.03.24, 1.03.36, 1.03.38, 2.03.16, 2.03.22A, 2.03.22B,
2.03.28, 2.03.32, 2.03.34, 2.03.36, 2.03.38, 2.03.42,
3.03.18, 3.03.18B, 3.03.20, 3.03.24, 3.03.32, 3.03.38



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9. (Continued)

<u>Site Number</u>	<u>Location</u>
000	<p>Building Names: Life Science</p> <p>Campus Rooms: 1.410B, 1.412, 1.420, 1.422</p> <p>Multi-Disciplinary Studies 3.02.36A</p> <p>Margaret Batts Tobin Laboratory 1.204, 1.214, 1.232, 1.238, 1.240,</p> <p>Biotechnology, Sciences, Engineering 2.407, 3.208, 3.208B, 3.220, 3.242, 3.242B, 3.246, 3.250, 3.252, 3.408, 4.302, 4.304</p> <p>Laboratory & Waste Storage Building 1.102, 1.104A</p>

10. Each site shall maintain documents and records pertinent to the operations at that site. Copies of all documents and records required by this license shall be maintained for Agency review at Site 000.

11. The licensee shall comply with the provisions (as amended) of Title 25 Texas Administrative Code (TAC) §289.201, §289.202, §289.203, §289.204, §289.205, §289.251, §289.252 and §289.257.

12. Radioactive material shall be used only under the direct supervision of, or by the following individuals:

- | | | |
|--------------------------------|---------------------------|---------------------------|
| Deborah L. Armstrong, Ph.D. | Weldon Hammond Jr., Ph.D. | Clyde F. Phelix, Ph.D. |
| Bernard P. Arulanandam, Ph.D. | Luis S. Haro, Ph.D. | Robert D. Renthal, Ph.D. |
| O. W. Van Auken, Ph.D. | Hans Heidner, Ph.D. | Stephen P. Saville, Ph.D. |
| Edwin Barea-Rodriguez, Ph.D. | Harry Jarrett, Ph.D. | Valerie Sponsel, Ph.D. |
| J. Aaron Cassill, Ph.D. | Karl E. Klose, Ph.D. | Gary Sunter, Ph.D. |
| James P. Chambers, Ph.D. | Richard LeBaron, Ph.D. | Judy Teale, Ph.D. |
| G. Jilani Chaudry, Ph.D. | Jose Lopez-Ribot, Ph.D. | Andrew Tsin, Ph.D. |
| Garry T Cole, Ph.D. | Martha J. Lundell, Ph.D. | Matthew J. Wayner, Ph.D. |
| Rupali Datta, Ph.D. | Andrew O. Martinez, Ph.D. | Tao Wei, Ph.D. |
| Brian E. Derrick, Ph.D. | Joe Martinez Jr., Ph.D. | Floyd Wormley, Ph.D. |
| Thomas Forsthuber, M.D., Ph.D. | John R. McCarrey, Ph.D. | John Zhang, Ph.D. |
| M. Neal Guentzel, Ph.D. | Paul Mueller, Ph.D. | |

13. The individual designated to perform the functions of Radiation Safety Officer (RSO) for activities covered by this license is James A. Lewis, Ph.D.



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14. Individuals involved in operations which utilize, at any one time, more than 100 millicuries of tritium in a non-contained form, other than metallic foil, shall have bioassays performed within one week following a single operation and at weekly intervals for continuing operations.
15. A current copy of the licensee's radiation safety manual shall be provided to each person who uses radioactive material authorized by this license.
16. Proposed substantive changes in or additions to the licensee's radiation safety manual shall be submitted to the Agency for approval before being incorporated into that document.
17. Animals administered radioactive materials or products from such animals shall not be used for human consumption.
18. The licensee is authorized to store radioactive material with a physical half-life of less than 88 days for decay-in-storage before being discarded as non-radioactive waste, provided the radioactive material is:
 - A. Held for decay-in-storage a minimum of 10 half-lives.
 - B. Monitored with an appropriate survey instrument to ensure radiation levels are not distinguishable from background and all radiation labels are removed or otherwise obscured, prior to being discarded as other waste.
19. Except as specifically provided otherwise by this license, the licensee shall possess and use the radioactive material authorized by this license in accordance with statements, representations, and procedures contained in the following:

application dated May 18, 2003,
 letters dated August 11, 2003, January 27, 2004, April 7, 2004 (w/ revised radiation safety manual), September 1, 2004, March 29, 2005, June 13, 2005, November 4, 2005, June 7, 2006, March 2, 2007, November 12, 2007 and **October 29, 2008.**

Title 25 TAC §289 shall prevail over statements contained in the above documents unless such statements are more restrictive than the regulations.

PS:ps

FOR THE DEPARTMENT OF STATE HEALTH SERVICES

Date

November 7, 2008

J. Scott Kee, Chief

Medical and Academic Licensing Program