UNIVERSITY OF VIRGINIA
OFFICE OF ENVIRONMENTAL HEALTH & SAFETY/RADIATION SAFETY

# GENERAL USER APPLICATION

## FOR USE OF RADIOACTIVE MATERIAL

Please Fill Out **COMPLETELY**

| 1. NAME (last, first) | 1a. POSITION/TITLE | 1b. Employee ID Number |
|---|---|---|
| | | |

| 3. UVa Computing ID | 3a. Email | 3b. PHONE # |
|---|---|---|
| | | |

| 4. PRINCIPAL INVESTIGATORS (PI) NAME: | 4a. LAB PHONE NUMBER: |
|---|---|
| | |

5. WHAT DEPARTMENT DO YOU WORK IN?

6. TRAINING

You must complete radiation safety training and pass the test before this application will be processed or approved:

Radiation Safety Training Course, unless you taken training at another facility. If yes, plese list the training and location:

7. HAVE YOU FORMERLY BEEN APPROVED BY EHS TO USE RADIOACTIVE MATERIALS AT UVA? ☐ NO ☐ YES

IF SO, UNDER WHICH PI'S AUTHORIZATION? PI NAME:

8. Please Provide A Brief Description Of Previous Academic Training, Retraining, And/Or Experience With Radioactive Materials. Include Name Of Institution And Approximate Dates Of Training.

9. Please Provide A Brief Description Of Your Proposed Use Of Radioactive Materials - Include Specific Radionuclide(s) And Approximate Amount Of Activity (mCi) You Plan To Use

10. PERSONNEL MONITORING AND PROTECTION

Please refer to the table at the end of this application to determine the need for dosimetry.

☐ I currently have a whole body dosimeter. ☐ I currently have a ring dosimeter.

☐ I do not require a dosimeter since I will be using only $^{14}C$, $^{3}H$, $^{35}S$, or $^{33}P$.

☐ I do not require a dosimeter since I will be using less than quantities shown in the EHS Dosimetry Guideline

☐ I require dosimetry AND will submit a Dosimeter Application Form: http://ehs.virginia.edu/Radiation-Safety-Dosimetry.html

The University of Virginia's RADIATION SAFETY PROGAM MANUAL contains the POLICIES which govern the use of IONIZING RADIATION PRODUCING MATERIALS AND EQUIPMENT AT UVA, as specified by the THE RADIATION SAFETY COMMITTEE, and must be adhered to by all approved Users

The RADIATION SAFETY PROGRAM MANUAL can be found at: Radiation Safety Program Manual, UVA-EHS (virginia.edu)

**By my signature, I attest that all information provided on this application is true and accurate**

| Applicant SIGNATURE: | DATE: |
|---|---|
| PI for Radioactive Material Use SIGNATURE:<br>*I accept responsibility for radioactive material use by this applicant* | DATE: |

| EHS USE ONLY | |
|---|---|
| Health Physicist/ARSO Review: ☐ Recommended Approval<br>Comments:<br>Signature: Date: | |
| ARSO/RSO Review: ☐ Recommended Approval<br>Comments:<br>Signature: Date: | |
| | Entered into HP Assist ☐ |

**Please use the following table to determine if you will require a whole body and/or ring dosimeter.**

| Radioisotope(s) | Activity (mCi) | Type of Monitoring |
|---|---|---|
| C-14, H-3, P-33 & S-35 | any amount | none required |
| P-32 | < 6 | none required |
| | ≥ 6<br>< 30 | ring dosimeter |
| | ≥ 30 | ring dosimeter & whole body dosimeter |
| Ca-45 | < 50 | none required |
| | ≥ 50 | ring dosimeter |
| Low Energy Gamma Ray Emitters<br>< 200 keV (e.g. I-123, I-125, Tc-99m, Tl-201) | < 50 | none required |
| | ≥ 50 | ring and whole body dosimeter |
| High Energy Gamma Ray Emitters<br>≥ 200 keV (e.g. Cr-51, I-131, Co-60, Cs-137) | < 2 | none required |
| | ≥ 2<br>< 5 | ring dosimeter |
| | ≥ 5 | ring badge & whole body dosimeter |