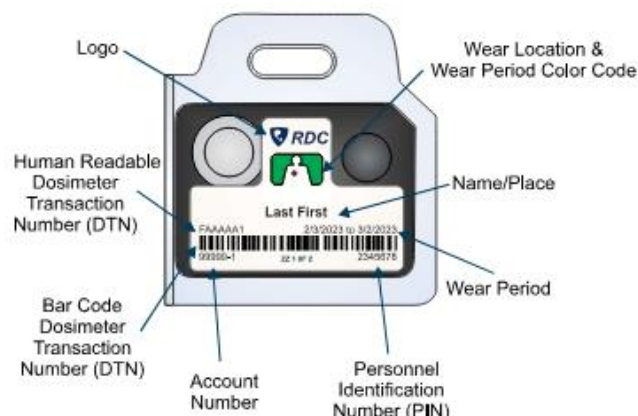


### **Individual Dosimetry Badge Instructions and Guidance**

Binghamton University's Radiation Safety program provides wearable individual monitoring equipment ("dosimetry badges") to authorized personnel working in the vicinity of radioactive materials and for individuals that work with x-ray emitting equipment where the Radiation Safety Officer (RSO) determines that environmental monitoring will not sufficiently quantify potential exposures to the users of the equipment. Below are instructions and general use guidance on wearing a dosimetry badge:

- The body dosimeter assigned to you should be worn at all times when there is a potential for occupational exposure to ionizing radiation, including x-ray emitting equipment exposure.
- Dosimeters not in use should be stored in an area without radioactive materials and x-ray generating equipment to prevent exposure readings that are not work-related.
- If you are issued a control badge along with your body badge, the control badge must remain away from areas where radioactive materials and x-ray generating equipment are stored, and must never be worn by a user.
- Unless otherwise instructed by the RSO, the dosimeter must be worn on or near the collar of the outermost protective garment (shirt, lab coat, etc.) of the user. An example location is illustrated directly on the badge.
- Do not share usage of your body badge with another user. If a new or replacement badge is required for a user, contact the RSO.
- The RSO will collect and replace the badge from each authorized user quarterly to be returned to the manufacturer for measurement. If the badge cannot be located for replacement or additional arrangements are required, the RSO will contact you directly.
- Quantifiable exposures are rare with x-ray emitting equipment users and radioactive materials in our current research setting. If an exposure is identified, the RSO will promptly consult with all involved.



Additional references:

- [Binghamton University Radioactive Materials and X-Ray Equipment Safety Manual](#)
- [Radiation Detection Co. Dosimeter Wear Instructions](#)