

# Using Landauer Badges

## How do I wear my badge?

It is very important for you to wear your badge so that your name is facing outward. There is a small oval on the front of the badge and this should be facing the source of radiation as much as possible to ensure the badge is providing the most accurate dose reading.



The front of the badge should always face outwards towards the source of radiation



The back of the badge should always be touching you.

For all body badges, you can see the location on your body where your badge should be worn by looking at the little white dot on the human figure on the badge. The white dot indicates where the badge should be worn. For fetal badges, you will see a little picture of a baby to indicate it is a fetal monitor.



For ring badges, the white plastic with your name etched into it should be facing the source of radiation at all times. The white plastic should be facing the outward on the underside of your finger. The ring opening should be worn on the upper-side of your finger.



Try to wear the ring on your dominant hand on your finger each time.

## FOR QUESTIONS PLEASE CONTACT CLIENT SERVICES

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## Badge Abbreviations

Use	Description
AREA	Area monitor
CHEST	Chest
CNTRL	Control
COLLAR	Collar
FETAL	Fetal
LFINGR	Left Ring Finger
RFINGR	Right Ring Finger
WAIST	Waist
WHBODY	Whole Body

Landauer Luxel+ badges can measure X, Gamma, Beta, and Fast/Thermal Neutrons\* (\*requires CR-39 Ja badge)

Landauer TLD Ring badges can measure X, Gamma, and Beta

## Exposure Limits

It is important to understand your annual exposure limits. Radiation detection monitors are used as a means to monitor the amount of radiation you are exposed to while performing your job. We are required by both the State of New Mexico and the University to ensure your exposures do not exceed the maximum annual limits set below.

ANNUAL EXPOSURE LIMITS (in mrem):

Whole Body, blood forming organs, gonads	5,000
Lens of Eye	15,000
Extremities and Skin	50,000
Fetal (gestation period)	50