

Community Engagement

Leveraging Technology & Innovation

Access & Equity

Research Excellence

Student Experience



McMaster Health Physics Department Roadmap to 2022



We are the Health Physics Authority and Centre of Excellence for the services we provide to the University, Host Institutions, and External Stakeholders. Our Radiation Protection Programs ensure the safety of students, staff, the public, and the environment, while supporting the strong spirit of innovation at McMaster. We are accountable stewards for safety and excellence.



2022-2023

RP Program Excellence
Executing RP Programs with Safety and Quality



2021-2022

Radiological Exposure ALARA and Source Term Reduction



2020-2021


Sustained Excellence
CRE, Contamination Control, and Radioactive Material Control




- Implement X-Ray Permitting
- Fusion Drop-Ship Licence
- Non-Trad. Radiation Surveyors
- Virtual Training Optimization
- Decommission RDS Cyclotron
- MNR Licence Renewal
- HP Annex Real-Time I-131 Monitor
- Quantitative Gamma Spectroscopy
- Type C Emergency Preparedness Drill
- Separate CANS Program Development
- Telemetry for Dose Tracking Pilot
- Transportation Emergency Response Drill
- Box Calibrator for Instrument Calibration
- Liquid Waste Program Review and Revision
- NuGeneris MIP Processing Licence
- LEP Phase 2 RP Program & Licence Submission
- D-D Neutron Gen. RP Program Development
- CEMSR LLW Source Term Evaluation
- MUCF Licence Renewal and Revision
- CPDC Yb-176/Lu-177 Development
- Radiation Instrument Facility Optimization
- EP-7000 and EP-7010 Revision
- UWO Positron Device Transfer & Recertification
- LEP-McMaster CEMSR Lab Commissioning
- HP Annex Optimization & Inventory Tracking
- Class II Decommissioning Plan for RDS Cyclotron
- Commissioning of MNR Noble Gas Monitor


- RP Instrumentation
- Licensing / Regulatory
- Project
- Health Physics Program
- Emergency Preparedness
- External Stakeholder Project Support
- Training



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