Annual Report for 2013-2014 of the Radiation Safety committee

The Radiation Safety Committee (previously known as the Radiation Hazards Control Group) is charged with overseeing the use of radioactive isotopes by research laboratories on the Medford Campus. The committee met three times so far during the 2013-2014 academic year and will meet one more time in June 2014.

No violations were reported during the 2013-2014 academic year and all laboratories were in compliance with the safe and correct use of radioactive isotopes. On the Medford campus the following isotopes are in use: phosphorous 32, iodine 125 and tritium. None of the shipments were damaged when received.

The committee under the auspices of Mr. Geoffrey Sirr took the necessary steps to assure that researchers (Professors Freudenreich, McVey and Mirkin) at 200 Boston Avenue were in compliance with state regulations with regards to isotope use. Professor McVey and his laboratory were licensed during the previous academic year to use radioactive isotopes (specifically phosphorous 32). Professor Charles Sykes from the Department of Chemistry was approved to use $^{125}$I in his laboratory in Pearson Laboratory under the auspices of Professor Mitch McVey.

Geoffrey Sirr conducted the initial training of isotope users, while Christopher Rock conducted the monthly inspections of the laboratories using isotopes. Annual retraining and testing of veteran users of isotopes is done either online or via a live seminar.

The Tufts Medford RSC may in the near future combine with the Tufts Boston RSC once approval is received from the state regulatory agency.

Harry Bernheim will serve as chair of the Radiation Safety Committee during the 2014-2015 academic year.

Harry Bernheim- Chair of the Committee, Biology
John Durant- Civil and Environmental Engineering
Stephen Larson- Director of Environmental Health and Safety, Ex-Officio
Molly McCanta- Earth and Ocean Sciences
Paul Murphy- Office of the Vice Provost, Ex-Officio
Geoffrey Sirr- Radiation Safety Office, Ex-Officio
Christopher Rock- Environmental Health Safety Specialist, Ex-Officio