Annual Report for 2015-2016 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 Boston, Grafton & Medford Campus. The Committee met three times so far during the 2015-2106 academic year and will meet one more time in June 2016.

No violations were reported during the 2015-2016 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 2013-2014 academic year to use radioactive isotopes (specifically phosphorous 32). Professor Charles Sykes from the Department of Chemistry has continued to be 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.

As a reminder, The Tufts Medford RSC has combined with the Tufts Boston Radiation Safety Committee and as such there no longer is a Medford Radiation Safety Committee. As a result this is the last report for the Tufts RSC that will be submitted.

Harry Bernheim- Writer of the above report and member of the committee
Stephen Larson- Director of Environmental Health and Safety, Ex-Officio
Christopher Rock- Environmental Health Safety Specialist, Ex-Officio
Geoffrey Sirr- Radiation Safety Office, Ex-Officio
Charles Sykes- Chemistry