In 1939 he went overseas as Chaplain of the Carleton York Regiment and for the last four years of the war was Principal Chaplain Overseas, receiving the O.B.E. in 1944. While Overseas he was invited to become President of Mount Allison University, succeeding Dr. George J. Trueman in this post in 1945.

Dr. Flemington is a past president of the National Conference of Canadian Universities and the first president of the Canadian Universities Foundation. As a member of the Executive of the Association of Universities of the British Commonwealth he visited the Universities of South Africa in 1960 and spent last summer lecturing at the ten Universities of Australia on a Visitor's Award.

He has been honoured by nine Universities, both English and French, with doctor's degrees, honoris causa. He is at present the President of the New Brunswick Education Association and a trustee of the National Gallery. He is a past President of the New Brunswick Cancer Society, and of the New Brunswick Museum, and active in many organizations.

Dr. Flemington married Marjorie Eileen Brownell and they have a son Kent who is a Lieutenant with the Canadian Forces in Germany, and a daughter Patricia Anne. His first wife died in 1954 and last May he married Inez Marie Morrison who was previously Dean of Women at Mount Allison.