When I first came to Howard, Jim Donaldson was interested in $C_0$ semigroups of operators and we had discussions on the approximation of unbounded linear operators by a sequence of bounded operators. It is known that if a closed densely defined linear operator $A$ on a separable Banach space, is the generator of a $C_0$ semigroup of contraction operators then resolvent set $\rho(A) \supset (0, \infty)$, and for each $\lambda$, with $Re(\lambda) > 0$, $A_\lambda = \lambda A(\lambda - A)^{-1}$ is bounded and $\lim_{\lambda \to \infty} A_\lambda f = Af$, for $f \in D(A)$ (Yosida approximation).

Vernice Steadman replaced contraction operators by uniformly bounded ones for a restricted class of Banach spaces. I will prove that, if $A$ a closed densely defined linear operator on a separable Banach space, there always exists bounded linear operators $A_n$, with $\lim_{\lambda \to \infty} A_n f = Af$, for $f \in D(A)$. (Received September 12, 2020)