On the logistic equation with non-periodic harvesting

The talk will focus on the logistic equation with non-periodic harvesting. The periodic case of this problem has been studied by a number of authors. However, there seems to be little or nothing about the non-periodic case. We will introduce the notion of separated solutions and show the existence of upper and lower solutions that are separated. It will be shown that the lower solution is unique. An attempt will be made to make the talk simple and elementary for general audience, not necessarily specialists.

For further information, please contact Dr. Emil Schwab, eschwab@utep.edu
Refreshments will be served in front of the colloquium room,
15 minutes before the start of the colloquium.