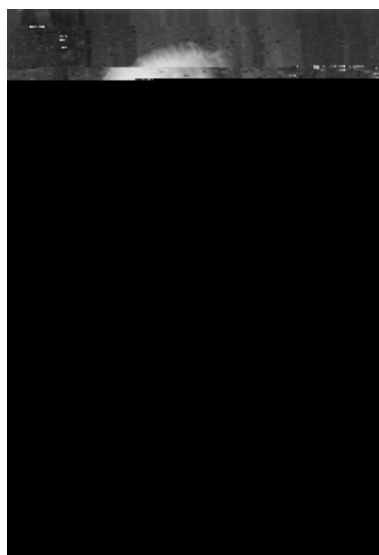




## Deaths

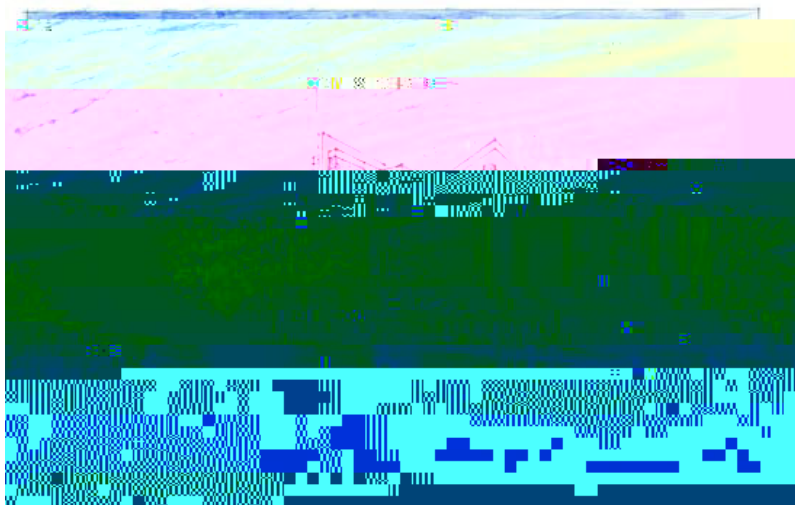
**Dr. Raymond N. Castle** died suddenly in the summer of 1999. He joined USF as a Distinguished Research Professor in 1981. He was founder (1964) and editor of *Journal of Heterocyclic Chemistry* that was published here for many years. He was an active researcher, and a valued lecturer, and made presentations throughout the world. He and his wife, Ada, supported the Castle Lectures for several years prior to his retirement. The annual student symposium at USF is named in his memory.



*Dr Raymond N. Castle*

## New Faculty

Faculty have retired, but we have been fortunate that new faculty have joined - ten, in fact, in the past four years.



*Conceptual drawing of proposed NES building.*

The future seems in good hands.

These include: **Drs. Bill Baker, Kirpal Bisht, Randy Larsen, Jennifer Lewis, David Merkler, Brian Space, Mark McLaughlin, Ellen Verdel, M. Acevedo-Duncan, and Mike Zaworotko,**

All faculty, their research areas, and more information may be found on their web pages, hopefully with fairly up-to-date photos.

## New Buildings

New buildings include Engineering III, PCD (Psychology, Communication Sciences & Disorders), and a research building for Moffitt.

A thorough renovation of the Science Center was completed in 1998. The NES building, and renovation of Chemistry

Building will provide teaching, office, and research space for an expanding chemistry program. The two buildings are scheduled to be worked on at the same time, which will result in efficiency and savings. Pictures of the two building will be found on our web page. (The smaller building on the left is a depiction of the proposed Chemistry Building (renovated).

## Other

For the second time, an Ashford was present at the awarding of the Ashford Fellowship. In an earlier time, it was Dr. Theodore Askounas Ashford. Last spring his son, Robert Ashford, J.D., Ph.D., visited the Department in April to present a seminar ("Binary Economics") and awarded the Ashford Fellowship, which his parents had endowed.

## ***New Equipment***

The howls of joy some may have heard were associated with some much-needed equipment that appeared in the past four years. This included a Bruker APEX CCD X-ray diffractometer with an Oxford Coldstream low temperature accessory and a full suite of crystallographic software on 10 PCs (associated with Dr. Zaworotko), a MS-GC, and an Azur Toxic Analyzer. The latest acquisitions include a Varian ANOVA 500 MHz NMR, which will compliment the Brooker AMX 360 MHz and DPX 250 MMz NMRs. A Peptide Synthesis Laboratory is being created and is equipped with an Applied Biosystems 433A peptide synthesizer, an AVIV Model 215 circular dichroism spectrometer, Brooker Maldi mass spectrometer, a Unity Inova 500 MHz NMR, and Dionex Summit analytical