

---

# Local Sections

---

## Besemer to head Southwest Section

Marjorie Besemer of Georgia-Pacific Corporation in Montebello, California, will serve as president of the Southwest Section of the AOCS during the current program year.

Other officers are: vice-president, Larry G. Copeland, Pilot Chemical Corporation, Santa Fe Springs; secretary, Nancy Nagle, Hunt-Wesson Foods Inc., Fullerton; treasurer, Rebecca Lizardi, student, Long Beach; and program chairman, Brian Flynn, also of Pilot Chemical Corp. in Santa Fe Springs. □

## Northeast Section honors Pelick

"The History of Triglyceride Analysis by Chromatography" was reviewed by Nicholas Pelick, president of Supelco Inc., in accepting the AOCS Northeast Section's Achievement Award at a Sept. 9, 1980 dinner meeting.

Pelick's talk covered two decades of chromatographic analytical techniques used in triglyceride analysis. GLC, TLC, AgNO<sub>3</sub>-TLC, reversed phase TLC and HPLC were reviewed by Pelick.

Pelick told the group that triglycerides containing both saturated and unsaturated fatty acids formerly could be separated only by a time-consuming, two-step analysis involving argentation chromatography-reversed phase chromatography, but today, high efficiency reversed phase columns, eluted with nonaqueous mobile phases, can resolve complex triglyceride mixtures.

Chromatographic separations of olive, soybean and palm oils by all of the methods were illustrated and the data compared. Pelick said that when using two Supelcosil LC-18, 150 × 4.6 HPLC columns in series with octadecyl bonded phase, eight of 10 possible oleate-containing triglycerides in olive oil (LOL, LOO, LPO, OOO, POO, POP, SOO and SPO) were resolved and identified, including the critical pairs OOO, OOP and POP.

The order of triglyceride elution from Supelcosil LC-18, an octyl bonded phase HPLC column suggests that each double bond in an acyl chain has somewhat greater chromatographic effect in this system since critical pairs can be separated, Pelick said. HPLC has virtually replaced GLC as a triglyceride analytical technique and will be the method of greatest usage in the future, Pelick said.

The Northeast Section cited Pelick for his strong support of and service to the local section. Pelick seldom misses a section meeting, even though it frequently requires an 800-mile round trip for him to attend. He has been active in local and national AOCS committees and activities and was the 1978 recipient of the AOCS Award of Merit. In recent years, he has served as chairman of the AOCS Foundation,

spearheading its project to improve and expand the AOCS book of methods. He directed fund-raising activities to help overseas speakers to attend the 1980 ISF/AOCS World Congress.

Approximately 60 persons attended the meeting. Former AOCS President Frank White served as meeting chairman. The Achievement Award was presented to Pelick by John Hasman on behalf of Northeast Section President William Bernholz, who was unable to attend. Others attending included AOCS President Frank Naughton and Pelick's brother- and sister-in-law, Steve and Sylvia Hydeck. □



Nicholas Pelick, center, receives AOCS Northeast Section's Achievement Award from John Hasman, right, as meeting chairman Frank White watches.



AOCS President Frank Naughton, left, talks with Dan Meshnick, center, and Auggie Rosetto during Northeast Section meeting on Sept. 9.