

72nd Annual Meeting



Fairmont Hotel May 17-21, 1981

Cajun humorist featured at banquet

The annual AOCS banquet on Wednesday, May 20, will feature the Cajun humor of Justin Wilson and the music of Jacques Hebert's orchestra.

Wilson is a professional safety engineer by profession, but his story-telling ability has increasingly demanded more and more of his time. He has recorded 25 record albums, written two "Cajun" cookbooks, and provided a radio-taped commentary program for 11 years.

His program usually begins with a brief look at the origins of the Cajuns, the French-speaking inhabitants of Louisiana who were displaced from Canada more than two hundred years ago, then will digress to almost any topic, from buying clothes on the "lay-awake plan" to "Washington's Welfare Address" to the nation.

Jacques Hebert's orchestra is well known to New Orleans residents and will provide music for dining and dancing. Doors will open for the annual banquet about 7:30 p.m. Wednesday, May 20. All full-week technical program and spouses' program registrants will receive tickets to the banquet; additional tickets may be purchased in the registration area at the meeting. □

Frank G. Magne Memorial Golf Tournament

The Frank C. Magne Memorial Golf Tournament during the AOCS Annual Meeting in New Orleans has been rescheduled for Monday, May 18, 1981, instead of previously announced dates.

Tee time will be at 12:30 p.m. at a nearby golf course. Green fee will be \$5.75; golf cart deposit will be \$21, with a \$10 refund upon return of the cart, making the use fee \$5.50 per player. □

Six honored students chosen

Four students in U.S. universities and two from Canadian universities have been selected as recipients of the 1981

AOCS Honored Student Award. Each will present a paper during the 1981 AOCS annual meeting in New Orleans.

The 1981 recipients are:

Helen G. Brown, Horticulture-Food Science Department at the University of Arkansas, nominated by Prof. Harry E. Snyder.

Peter J. Child, C.H. Best Institute of the University of Toronto, nominated by Prof. A. Kuksis.

Flora Y. Lau, Department of Food Technology at Iowa State University, nominated by Prof. Earl G. Hammond.

Jimbin Mai, Food Science Department at Cornell University, nominated by Prof. John E. Kinsella.

Denise Q. Schweizer, Department of Food Science and Nutrition at Ohio State University, nominated by Prof. David B. Min.

Beth A. Wilck, Department of Nutrition in the College of Biological Science at the University of Guelph, nominated by Prof. Brian L. Walker.

Recipients receive airfare to attend the meeting, a per diem allowance, and free registration.

Funds are provided by donations from the fats and oils industry. Contributors for the 1981 program include: Applied Science Division, Milton Roy Company Laboratory Group
Archer Daniels Midland Co.



Wilson

An inside look at lower deodorization costs.

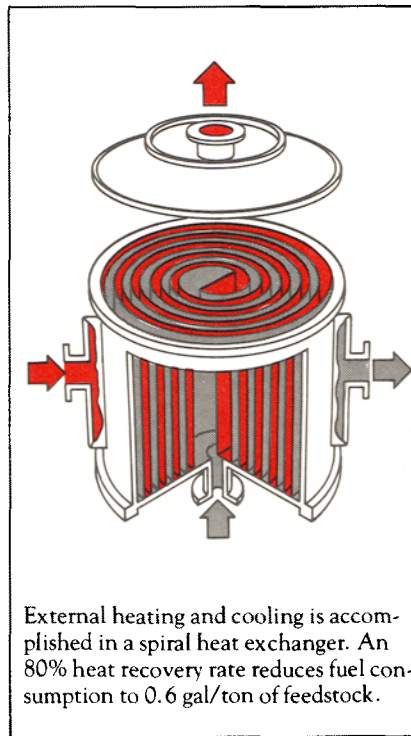
In energy costs alone, a Sullivan Systems continuous deodorization system can save you up to \$39,000 per year (based on 60,000 tons annual production). And that's only part of the story.

About the only way left to cut production costs is with a better system. And that's a matter of design. Sullivan Systems' deodorization system is designed for continuous processing. And that makes it a better choice for long production runs and at the same time allows for stock changes without contamination.

And, importantly, it's designed to cost you less — less to buy, less to install and, of course, less to operate.

Low initial costs.

The Sullivan deodorization system incorporates a unique tower



External heating and cooling is accomplished in a spiral heat exchanger. An 80% heat recovery rate reduces fuel consumption to 0.6 gal/ton of feedstock.

design that features external heating and cooling using a spiral heat exchanger. As a result, the vessel can be smaller and requires less stainless steel. What's more, because of a different tray design,

the vessel requires fewer of them. This means fabrication costs will be considerably lower in comparison with conventional deodorizers.

Low installation costs.

In the Sullivan design the condenser is located atop the tower so that impurity-laden steam passes through the grid plate directly into the condenser. Not only does this design feature make a more compact, self-contained unit, but it also greatly reduces piping and installation costs.

Cost-cutting heat recovery.

Because of its external spiral heat exchanger, the Sullivan System has achieved an 80% heat recovery compared to the 55% recovery of conventional deodorizers using internal exchangers. This translates to an 0.8 gal. per ton reduction in fuel consumption which contributes to significant annual savings.

Low stripping and ejector steam requirements.

More efficient sparge steam distribution in the Sullivan trays has cut stripping steam consumption by 25%. This reduces ejector steam requirements by 20%. Together this means a total steam savings of 75 lbs. per ton.

For more information contact: Sullivan Systems, Inc., a subsidiary of Alfa-Laval Inc., P.O. Box 158, Tiburon, California 94920. Tel. (415) 435-3855, or on the East Coast (201) 592-7800.

Typical Sullivan Systems Savings

	Conventional Deodorizer	Sullivan Deodorizer	Unit Cost*	Savings (per ton)
Fuel Oil (gals/ton)	1.4	0.6	\$0.40/gal.	\$0.32
Stripping Steam (lbs/ton)	80	60	\$4.50/Mlbs	\$0.09
Ejector Steam (lbs/ton)	287	232	\$4.50/Mlbs	\$0.25

\$0.66/ton x 60,000 tons (annual production) = \$39,000 annual savings.

Total Savings/ton \$0.66

*Varies with plant location.

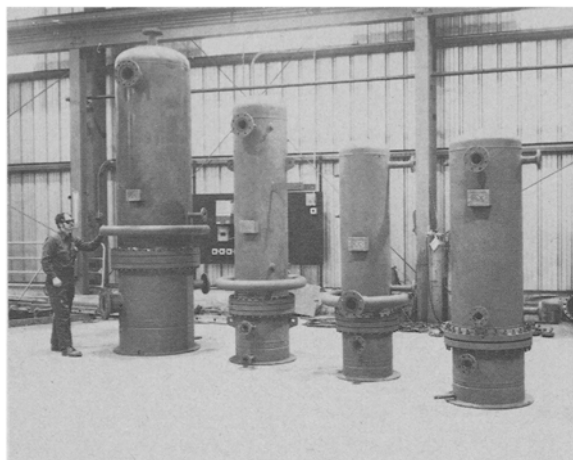
Meetings

Environmental	4-5 p.m.	Loyola	Protein Session	
Public Relations	4-5 p.m.	Tulane	Organizing Committee	5-6 p.m. Director
National Program				
Planning	4-6 p.m.	Orleans	Thursday	
Smalley	4-6 p.m.	Chancellor's	Governing Board	9 a.m.-2 p.m.
Vegetable Oil Distillate				
Analysis	4-5 p.m.	Director's		
1984 World Conference				
on Palm, Palm Kernel,				
Coconut	5-6 p.m.	Director's		
Honored Student				
Award	5-6 p.m.	Tulane		
Wednesday				
1983 World Conference				
on Oleochemicals	10 a.m.-noon	Chancellor's		
Examination Board	10 a.m.-2 p.m.	Director's		
Bleaching Methods	3-4 p.m.	Director's		
Meeting Logistics	3-4 p.m.	Chancellor's		
Uniform Methods	3-5 p.m.	Orleans		
Awards Administrative	4-5 p.m.	Chancellor's		
Commercial Fatty				
Acids	4-5 p.m.	Director's		
Finance	4-5 p.m.	Tulane		
Mycotoxin	4-6 p.m.	Loyola		
Fats & Oils Byproducts				
Analysis	5-6 p.m.	Chancellor's		
Instrumental Melting				
Point	5-6 p.m.	Tulane		

Exhibitors

As of March 6, a total 38 companies have reserved 47 exhibit booths at the Annual Meeting in New Orleans.

Good exhibit spaces are still available. For further information, contact Pat Graham or Joan Dixon, AOCS, 508 South Sixth Street, Champaign, IL 61820. Telephone: (217) 359-8028. Telex: 40 4472 Oil Chem Chn.



VAPORIZERS

Steam heated vaporizers are protected against freeze up for liquids such as propane, chlorine, ammonia, phosgene, etc.

Standard designs, proven in thousands of installations world-wide. Designed in accordance with ASME, TUV, Stoomwezen, and other international codes.

In addition to steam, hot water, hot oils, or other heat transfer fluids may be used.

Design flexibility allows both vaporization and superheat in one single unit.

Construction is available in carbon steel, stainless steels, nickel alloys, and other materials as required. Fabrication may be done at our shops in the USA, Scotland, or Singapore.

Armstrong Engineering Associates, Inc.
Box 566-J
West Chester,
Pennsylvania 19380

Chemtec, B.V.
Box 3-J, Willowyard Rd.
Beith, Ayrshire
Scotland

Chemtec Pte. Ltd.
9-J Gul Ave.
Jurong Town
Singapore 2262