

Vines, Hahn win top Smalley analysis awards

Lela Vines of Woodson-Tenent Labs in Gainesville, Georgia, has won the 1985 Smalley Award for best analysis of oilseed meal, and Edward R. Hahn of Hahn Laboratories in Columbia, South Carolina, has won the 1985 R. T. Doughtie Jr. Award for best analysis of cottonseed in the AOCS Smalley Cooperative Check Sample Program.

It is the first Smalley Award won by Vines. The Smalley Award, named for Frank Smalley, founder of the AOCS check sample program, is presented for best analysis of oilseed meal for combined nitrogen, oil and moisture. It is the seventh time Hahn has provided the best analysis of cottonseed for foreign matter, moisture, free fatty acids, oil and ammonia. Hahn previously has won in 1965, 1968, 1971, 1972, 1974 and 1977. The Doughtie Award is named for Richard T. Doughtie, a long-time chairman of the Smalley Program, and previously was known as the Barrow-Agee Award.

The Smalley Program each year distributes more than 7,000 samples of oilseed and fats and oils materials to subscribing chemists who analyze the samples using specified methods. Participants' results are analyzed statistically to determine who has performed the best analysis; participants receive reports which enable them to determine their proficiency compared to other participants. Chemists whose results are significantly awry know that either their instruments or lab technique may be faulty. Persons who wish to participate should write to Smalley Check Sample Program, AOCS, 508 S. Sixth St., Champaign, IL 61820 USA.

First place and honorable mention certificates are awarded for each category. Certificate recipients attending the AOCS annual meeting in Philadelphia were among the AOCS Award winners cited during the opening plenary breakfast.

Vines received a total of six certificates, three for first place and three for honorable mention. Hahn received three honorable mention certificates in addition to his Doughtie Award. Mike Valletta of SGS Control Services in Carteret, New Jersey, and Paul Thionville of Thionville Labs in New Orleans, Louisiana, each received seven certificates. Three teams of researchers each received six certificates: T. J. and G. E. Moore of Woodson-Tenent Labs in North Little Rock, Arkansas; J. Ledin and A. Backous of Woodson-Tenent Labs in Des Moines, Iowa, and J. W. Thomas, B. Butler and M. Haider of SGS Control Services in Kenner, Louisiana.

Three first place awards were won by chemists outside the United States. Al Webber of CSP Foods in Nipawin, Saskatchewan, Canada, won in gas chromatography; E. Tarter of Health and Welfare Canada, Scarborough, Ontario, Canada, won in corn aflatoxin, and M. Caerour of Prodl Control Laboratory in Monfort-Sur-Risle, France, won the peanut aflatoxin first place certificate for the second straight year. Relatively recent more stringent aflatoxin regulations overseas have increased interest in accurate analysis, with the net result that five of the six certificate recipients in peanut aflatoxin analysis this year were from outside the United States.

Oilseed Meal

Combined moisture, oil and nitrogen

First Place (Smalley Award):

Lela Vines, Woodson-Tenent Labs., Gainesville, GA

Honorable Mention

Ronnie M. Fox, Fox Testing Labs., Lubbock, TX

Horace Keith, Anderson Clayton & Co.,

Lubbock, TX

J.E. Williams, Southern Cotton Oil Co. Div. ADM,

Clarksdale, MS

T.J. & G.E. Moore, Woodson-Tenent Labs.,

North Little Rock, AR

J. Ledin & A. Backous, Woodson-Tenent Labs.,

Des Moines, IA

Moisture

First Place:

Lela Vines, Woodson-Tenent Labs., Gainesville, GA

Honorable Mention:

Janet Duran, A & L Plains Agric. Labs.,

Lubbock, TX

J. Ledin & A. Backous, Woodson-Tenent Labs.,

Des Moines, IA

Douglas McLemore, Woodson-Tenent Labs.,

Dayton, OH

Horace Keith, Anderson Clayton & Co.,

Lubbock, TX

Florencia Cummings, Bunge Corp., Marks, MS

Oil

First Place:

J. E. Williams, Southern Cotton Oil Co., Div. ADM,

Clarksdale, MS

Honorable Mention:

Lela Vines, Woodson-Tenent Labs., Gainesville, GA

T.J. & G. E. Moore, Woodson-Tenent Labs.,

North Little Rock, AR

Horace Keith, Anderson Clayton & Co.,

Lubbock, TX

James P. Minyard, Jr., Mississippi State Univ., MS

(Tie - 6th) Janet Duran, A & L Plains Agric. Lab.,

Lubbock, TX and

J.W. Thomas, B. Butler & M. Haider, SGS Control

Services, Kenner, LA

Nitrogen

First Place:

Leon Hunter, Pope Testing Lab., Dallas, TX

Honorable Mention:

Ronnie M. Fox, Fox Testing Lab., Lubbock, TX

Dan Rutherford, A.E. Staley Mfg. Co., Decatur, IL

Luis Mestas, Kal Kan Foods, Vernon, CA

Edward R. Hahn, Hahn Labs, Columbia, SC

C.E. McLean, Jr., Arizona Testing Labs.,

Phoenix, AZ

Crude fiber

First Place:

Lela Vines, Woodson-Tenent Labs., Gainesville, GA

Honorable Mention:

J. Ledin & A. Backous, Woodson-Tenent Labs.,

Des Moines, IA

H.G. Ford, Lauhoff Grain Co., Danville, IL

T.J. & G.E. Moore, Woodson-Tenent Labs.,

North Little Rock, AR

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J.E. Williams, Southern Cotton Oil Co., Div. ADM,
Clarksdale, MS
Paul Thionville, Thionville Labs., New Orleans, LA

Cottonseed

Foreign matter, moisture, free fatty acids, oil and ammonia

First Place (R. T. Doughtie Jr. Award):
Edward R. Hahn, Hahn Labs., Columbia, SC
Honorable Mention:
Ronnie Fox, Fox Testing Labs., Lubbock, TX

Soybeans

Combines moisture, oil and ammonia

First Place:
J. W. Thomas, B. Butler & M. Haider, SGS Control
Services, Kenner, LA
Honorable Mention:
Charles R. Norris, Mid-Continent Labs., Jackson, MS
Donald E. Britton, Mid-Continent Labs., Memphis, TN
Edward R. Hahn, Hahn Labs., Columbia SC
Paul C. Thionville, Thionville Labs., New Orleans, LA
(Tie - 6th) Lela Vines, Woodson-Tenent Labs.,
Gainesville, GA and
Emma Clarice O'Dell, Anderson Clayton Co., Abilene, TX

Sunflowerseed

Foreign matter, moisture and oil

First Place:
Hugh L. Mayo, SGS Control Services, Deer Park, TX
Honorable Mention:
Mike L. Valletta, SGS Control Services, Carteret, NJ

Safflower and Rapeseed

Moisture, oil and nitrogen

First Place:
Mike L. Valletta, SGS Control Services, Carteret, NJ
Honorable Mention:
J. Thomas, B. Butler & M. Haider, SGS Control
Services, Kenner, LA

Peanuts

Moisture, free fatty acids, oil and ammonia

First Place:
Mike L. Valletta, SGS Control Services, Carteret, NJ
Honorable Mention:
Ronnie M. Fox, Fox Testing Lab., Lubbock, TX

Soybean Oil

Free fatty acids, neutral oil and bleached color

First Place:
Herbert L. Haynie, Bunge Edible Oil, Ft. Worth, TX
Honorable Mention:
J. Ledin & A. Backous, Woodson-Tenent Labs.,
Des Moines, IA
J. Thomas, B. Butler & M. Haider, SGS Control
Services, Kenner, LA
Paul C. Thionville, Thionville Labs., New Orleans, LA
Sandra Holloway, SGS Control Services, Memphis, TN
Mike L. Valletta, SGS Control Services, Carteret, NJ

Cottonseed Oil

Free fatty acids, refining loss and refined color

First Place:
(Tie) Pat Muniz, Fox Testing Labs., Lubbock, TX
and
T.J. & G.E. Moore, Woodson-Tenent Labs.,
North Little Rock, AR

Honorable Mention:

Edward R. Hahn, Hahn Labs., Columbia, SC
James S. Daves, Porter Testing Labs., Oklahoma City,
OK

Vegetable Oil for Color Only

First Place:

James S. Daves, Porter Testing Labs., Oklahoma City,
OK

Honorable Mention:

K.F. Wood, Hunt-Wesson Foods, Memphis, TN
George Davidson, Canada Packers Ltd., St. Boniface,
Manitoba, Canada
Helen Shipley, Hunt-Wesson Foods, Fullerton, CA

Drying Oils

Acid value, iodine value, color and specific gravity

First Place:

T.M. Narayanan Nair, Charles V. Bacon Inc.,
Irvington, NJ

Honorable Mention:

Paul C. Thionville, Thionville Labs., New Orleans, LA

NIOP Fats and Oils

*Specific gravity, free fatty acids, iodine value,
saponification value and Lovibond color*

First Place:

Paul C. Thionville, Thionville Labs., New Orleans, LA

Honorable Mention:

Mike L. Valletta, SGS Control Services, Carteret, NJ
H. Hirayama N., Nippon Yurko Kentai Kyokai,
Yokohama, Japan

Tallow and Grease

*Titer, free fatty acids, moisture, unsaponifiable matter
and insoluble impurities*

First Place:

Paul C. Thionville, Thionville Labs., New Orleans, LA

Honorable Mention:

H. Hirayama, Nippon Yurko Kentai Kyokai,
Yokohama, Japan
J. Ledin & A. Backous, Woodson-Tenent Labs.,
Des Moines, IA
T.J. & G.E. Moore, Woodson-Tenent Labs.,
North Little Rock, AR
Mike L. Valletta, SGS Control Services, Carteret, NJ
T.M. Narayanan Nair, Chas. V. Bacon Labs.,
Irvington, NJ

Edible Fats

*Free fatty acids, free glycerin, a-monoglycerides, Wiley
melting point, capillary melting point, congeal point,
Lovibond red color, peroxide value and iodine value*

First Place:

T.M. Narayanan Nair, Chas. V. Bacon Labs.,
Irvington, NJ

Honorable Mention:

Paul C. Thionville, Thionville Labs., New Orleans, LA
D.V. Love, Canada Packers Ltd., St. Boniface,
Manitoba, Canada
Thomas McCrory, Kraft, Inc., Memphis, TN
Herbert L. Haynie, Bunge Edible Oil, Ft. Worth, TX
Quality Control Lab., Humko, Kraft Inc., Champaign, IL

Gas Chromatography

*Preparation of methyl esters on fats and oils and GC
determination of fatty acids*

First Place:

Gordon Ullyot, C.S.P. Foods, Nipawin, SK Canada

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Honorable Mention:

H.F. Robinson, Lever Bros., Edgewater, NJ
(analyst Neil Loeb)
C.I. Kim, Best Foods, CPC Int., Bayonne, NJ
R.J.H. Boddaert, Chem. Lab. "Dr. A. Verway",
Rotterdam, Holland
Theodore Kopcha, Capital City-Stokely Van Camp,
Columbus, OH (analyst Patrick Ross)
John Moylan, J.R. Simplot Co., Caldwell, ID

Fish Meal

Protein, fat, moisture, ash, and pepsin digestibility

First Place:

John Ledin and Ardin Backous, Woodson-Tenent Labs.,
Des Moines, IA

Honorable Mention:

Thomas J. & Guy E. Moore, Woodson-Tenent Labs,
North Little Rock, AR
Lela Vines, Woodson-Tenent Labs., Gainesville, GA
H. Newton Beavers, Woodson-Tenent Labs., Goldston, NC

Fish Oil

Free fatty acids, moisture and iodine value

First Place:

John Thomas, Boyce Butler and Mumtaz Haider, SGS
Control Services, Kenner, LA

Honorable Mention:

Hugh L. Mayo, SGS Control Services, Deer Park, TX

Fish Solubles

Protein, fat, moisture, ash, pH and ammonia nitrogen

First Place:

Mike L. Valletta, SGS Control Services, Carteret, NJ

Honorable Mention:

John Thomas, Boyce Butler and Mumtaz Haider, SGS
Control Services, Kenner, LA

Milk Aflatoxin

First Place:

Deborah C. Paul, Dept. General Services, Div.
Consolidated Labs., Richmond, VA

Honorable Mention:

California Dept. of Food & Agriculture, Feed Lab.,
Sacramento, CA

Peanut Aflatoxin

First Place:

M. Caerou, Prodl Control Lab., Montfort-Sur-Risle, France

Honorable Mention:

E. Tartar, Health & Welfare, Canada Health Protection,
Scarborough, Ontario, Canada
Jim Henderson, Procter & Gamble Co., Cincinnati, OH
Alan Telford, SGS Quantum P/L, East Brisbane, Australia
J.P. Hanchay, Health Protection Branch, Longueuil, PQ
Canada
R.J.H. Bodaert, Chemical Lab., "Dr. A. Verway",
Rotterdam, Holland

Cottonseed Aflatoxin

First Place:

Maja Chadwick, Chemonics Industries, Phoenix, AZ

Honorable Mention:

Arizona State Agric. Lab., University of Arizona,
Mesa, AZ
Joel M. Padmore, North Carolina Dept. of Agric.,
Raleigh, NC

Corn Aflatoxin

First Place:

E. Tarter, Health & Welfare, Canada Health Protection,
Scarborough, Ontario, Canada

Honorable Mention:

John Wieters, Morris Testing Labs., Macon, GA
Tom Morris, Pert Labs., Edenton, NC
James P. Minyard, Jr. Mississippi State Univ., MS
Joel M. Padmore, North Carolina Dept. of Agric.,
Raleigh, NC
Wayne Ziemer, Lab. Services, Minnesota Dept. of
Agric., St. Paul, MN

Cellulose Yield

Moisture and cellulose

First Place:

J.E. Armstrong, Cellulose & Specialities Division,
Buckeye Cellulose Corp., Memphis, TN

Honorable Mention:

H.L. Ketcham, Jr., Southern Cellulose Products,
Chattanooga, TN

Berner joins staff

Dr. David Berner has joined the AOCS staff as technical director, replacing Robert Clark who resigned from the staff in March.

Berner, a member of the Society since 1965, had been affiliated with General Testing Corporation in Rochester, N.Y. He received his bachelor's degree in chemistry in 1960 from St. Louis University, his master's in analytical chemistry in 1964 from Iowa State University and his doctorate in biochemistry/microbiology in 1968, also from Iowa State. He worked as a researcher and research scientist for Campbell Soup Company, Best Foods and Nabisco before becoming a part owner of General Testing.

He is a past president of the AOCS Northeast Section and served as registration chairman for the 1980 AOCS/ISF meeting in New York and technical program chairman for the 1977 annual meeting in New York. In addition to AOCS, he is a member of AIBS, Sigma Xi and Phi Lambda Epsilon.



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