

Inside AOCS



Cecil R. Smith (second from left) displays the 1984 Alton V. Bailey Award plaque he received from the North Central Section during a dinner in February. Others attending included (from left) Thomas Applewhite, 1982 recipient; Frank Norris, 1980 recipient; Herbert J. Dutton, 1968 recipient.



Approximately 60 persons attended the 1984 Bailey Award dinner sponsored by the North Central Section of the AOCS this past February.



Harold Jackson (foreground, left) converses with Joyce Beare-Rogers during the reception preceding the North Central Section's Annual Bailey Award dinner. In the background are William H. Tallent (left), T. L. Mounts (center, back to camera) and Frank Norris (right), the 1980 recipient of the Bailey Award.

Smith receives Bailey Award

"The Discovery of New Fatty Acids and Other Lipids in Plants—A Retrospective View" was the topic for Cecil R. Smith, recipient of the 1984 Alton V. Bailey Award from the AOCS North Central Section.

During his 28-year career at the USDA Northern Regional Research Center (NRRC) in Peoria, Dr. Smith has been an author for approximately 150 publications dealing with unusual lipids, alkaloids and other natural products. L. H. (Bert) Princen, NRRC assistant director, introduced Smith to the 60 attendees at the award dinner by noting Smith joined the NRRC at almost the same time the USDA launched a project to survey wild plants for potential commercial constituents in an attempt to identify possible alternate crops for U.S. farmers.

While Smith's early work dealt primarily with traditional lipids and triglycerides, in recent years more attention has been given to a new class of lipids, cyanolipids, that may

prove useful as natural pesticides, Princen said.

Smith commented that the laboratory work on analyzing potential alternate crops has been better funded than agronomic research. Farmers don't want to plant crops unless they can be fairly sure of yield and markets. Processors don't like to commit themselves to a new commodity unless assured of a supply. The resultant standoff has meant that while chemists have spotlighted potentially useful crops, few have become commercially viable.

There has been interest expressed recently in cuphea, a plant producing predominantly medium-chain triglycerides found in traditional lauric oil sources such as coconut. An American subsidiary of the German soap-maker Henkel apparently is investigating the potential of cuphea as a result of concern about price fluctuation and availability of coconut oil. The Philippines is the world's major exporter of coconut oil. Smith said he also has heard reports that Procter & Gamble in the United States is interested in cuphea. (For a report on "Fatty Acid Composition of



1984 Alton V. Bailey Award recipient Cecil Smith (above, center) is flanked by North Central Section President T. L. Mounts (left) and L. H. Princen, who nominated Smith and introduced him at the award dinner. All three are staff members at the USDA Northern Regional Research Center in Peoria, Illinois.

Cuphea Seed Oil," see *JAACS* 60:103.)

The dinner was attended by three former Bailey Award recipients, H. J. Dutton (1968), Frank Norris (1980), and Thomas H. Applewhite (1982), as well as AOCS President Thomas Smouse. AOCS Executive and Finance Committee

members also attended as the dinner was held the same day those groups met in Chicago.

North Central Section President Tim Mounts presented the medal, mounted on a plaque, to Smith. Neil Widlak served as chairman of the section's Bailey Award Committee.

The award is presented by the section to commemorate Alton E. Bailey's contributions as a fats and oils researcher, as an author, and as a leader in AOCS activities.

Bailey Award donors

The North Central Section of the AOCS has expressed thanks to the following firms, which were sponsors for the 1984 Alton E. Bailey Award: Archer Daniels Midland Company; Bunge Edible Oil Corporation; Central Soya Co. Inc.; EMI Corporation; General Mills Inc.; Groen Division of Dover Corporation; Hewlett-Packard; Hunt-Wesson Foods; Interstate Foods Co.; Kraft Inc.; Lever Brothers Co.; The Pillsbury Company; The Procter & Gamble Co.; Sargent-Welch Scientific Co.; Sullivan Systems Inc.; Supelco Inc.; United Catalysts Inc.; and Wurster & Sanger Inc.



Obituary

BRIAN L. WALKER

Brian L. Walker, a member of the American Oil Chemists' Society since 1963, died April 12, 1984, at his home in Guelph. He was 47. Dr. Walker was the senior faculty member in the Department of Nutrition at the University of Guelph, having joined the faculty in 1964.

He served as general chairman for the 1982 AOCS annual meeting held in Toronto. Dr. Walker

was a specialist in lipid biochemistry, working on the role of dietary fatty acid on membrane structure and had most recently been investigating the nutritional effects of *trans* isomers. He served on the editorial board of the *Journal of Nutrition* and was an associate editor of *Lipids*. He was a recipient of the Borden Award from the Canadian Nutrition Society for research contributions made before attaining the age of 40.

Dr. Walker was a graduate of the Liverpool College of Technology and received his doctorate from the University of Illinois in 1962. He had been active in AOCS meetings for many years. In addition to his work as an associate editor of *Lipids*, he had been a volunteer in helping prepare annual indexes for *Lipids*.

Dr. Walker also was active in skating and served as president of the Guelph Figure Skating Club last year. Survivors include his wife, Karen, and their children, Kim, 15; Valerie, 13; and Colin, 7.

A memorial fund has been established in his name to endow a scholarship for an undergraduate student. Contributions may be sent to Prof. H. S. Bayley or Prof. T. M. Bray of the Department of Nutrition, University of Guelph, Guelph, Ontario, Canada; J. J. Elmslie, Department of Alumni Affairs, University of Guelph; R. Walters, Tech Science, P.O. Box 1055, Oakville, Ontario, Canada; or L. A. Witting, Supelco Inc., Bellefonte, Pennsylvania 16823 USA.

President's Club and Honor Roll

The members listed here have qualified for the 1983-84 AOCS President's Club or Honor Roll. Members who recruit at least 1 new member qualify for the President's Club; those recruiting 3 or more qualify for the Honor Roll. President's Club and Honor Roll members receive recognition at AOCS annual meetings. Forms for use in recruiting new members are available from AOCS Headquarters, 508 S. Sixth St., Champaign, IL 61820 USA.

Nine	D.B. Viscio	E. Hammond	E.J. Neely
S. Melton	B. Walker	J. Hasman	J.T. Olejko
Eight	One	J. Heilman	F.J.L. Oliverira
G.W. Liepa	M.A. Abdel-Gelil	W.B. Hendrix	I. Palacio Lujan
A. Peng	A.H. Abdulla	J.W. Henry	R.S. Parker
Six	L. Alberu	J. Hickman	N. Pelick
G.J. Durany	S. Anderson	C.-T. Ho	T.J. Pelura
K.-Y. Lai	G. Andretich	R.T. Holman	R.C. Pierce
M.A. Sullivan	W.E. Artz	D.R. Horrobin	R.A. Pritchard
Five	M.L. Bangah	R.J. Hsieh	P.N. Ramachandran
F.C. Naughton	S.F. Barta	G.A. Jacobson	M. Reed
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D. Firestone	M.L. Besemer	A. Kato	A.A. Shak
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	H.P. Gormley	T.L. Mounts	G.-H. Yeoh
	B.A. Greenwell	A. Moustafa	C.U. Yu
	R.H. Grinstein	Y. Nakano	M.E. Zabik
			K.T. Zilch

New Members

The following persons had applied for membership in the American Oil Chemists' Society through early March 1984. If an applicant was invited to join by an AOCS member, the member's last name appears in parentheses at the end of the listing. The President's Club and New Member listings are published bimonthly.

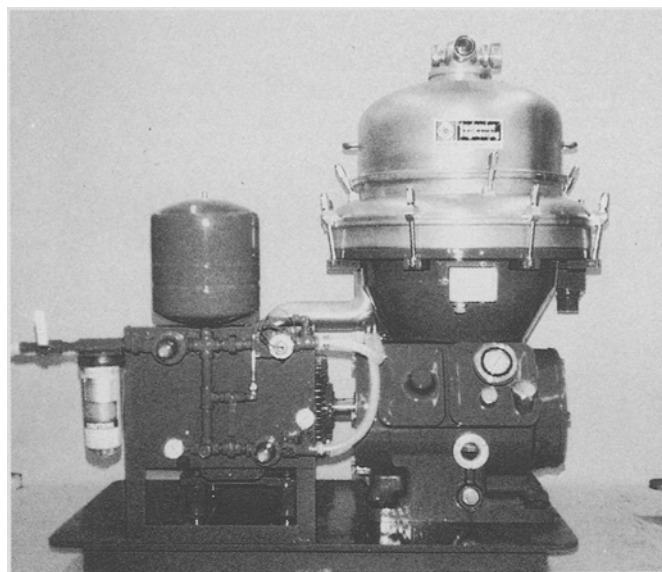
Benjamin F. Adams Jr., E.I. duPont de Nemours & Co. Inc., Kinston, North Carolina.
 Mohammad K. Amin, Knoxville, Tennessee (Melton).
 James H. Amlie, Honeymead Products Co., Mankato, Minnesota (Barta).
 Kenneth T. Andersen, Seaway Testing of Duluth Inc., Duluth, Minnesota.
 Michael P. Aronson, Lever Research Inc., Edgewater, New Jersey.
 Jon C. Arundale, BCR Inc., Aurora, Illinois (Arundale).
 Kostas S. Arvanitakis, Idrex Inc., Frankfort, Illinois.
 William E. Becker, University of Illinois, Urbana, Illinois (Johnston).
 Lucas Benjamins, Amafilter, Alkmaar, The Netherlands.
 Ron Bennink, P.J. Heinrici Inc., Pasadena, Texas.
 Hugo H. Berat, Conoco Chemicals, Houston, Texas.
 James S. Blaha, A.E. Staley Manufacturing, Mexico, Missouri (Pulliam).
 Dennis W. Blankensop, Honeymead Products Co., Mankato, Minnesota (A. Johnson).
 David M. Bledsoe, Nabisco Brands Inc., Denison, Texas.
 Bernd Brinkmann, Intercontinental Specialty Fats Sdn. Bhd., Pelabuhan Kelang, Selangor, Malaysia.
 Joseph R. Caracci, Best Foods, Argo, Illinois (Birkhaug).
 Francisco Cela, La Americana Grasas y Aceites Comestibles S.A., Cali, Colombia (Palacio Luga).
 Douglas M. Childs, Woodson-Tenent Laboratories Inc., Gainesville, Georgia (Vines).
 Sunhee Choi, Colgate-Palmolive Co., Piscataway, New Jersey (Lai).
 William M. Coleman, Grindsted Products Inc., Industrial Airport, Kansas (Knearem).
 Corinne A. Conklin, Colgate-Palmolive Co., Jersey City, New Jersey (Kiczek).
 Dean C. Crick, University of British Columbia, Vancouver, British Columbia, Canada (Sim).
 Florecita L. Cummings, Bunge Corp., Marks, Mississippi (Bullard).
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 Allen J. DeRiemacker, Groen Division, Dover Corp., Elk Grove Village, Illinois (Greenwell).
 Hiep Diep-Quang, Colgate-Palmolive Co., Piscataway, New Jersey (Lai).
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 Mark D'Souza, Areej Veg. Oils & Derivatives, Ruwi, Sultanate of Oman.
 Bakry M.A. Eglal, Chempro, Alexandria, Egypt (Abdel-Gelil).
 Mohamed A. El Aroussy, Faculty of Agriculture-Food

Technology, Alexandria, Egypt (Khyam).
 Diane C. Epps, CPC International, Best Foods Division, Santa Fe Springs, California (Peffer).
 Susan Erickson, National Sun Industries Inc., Enderlin, North Dakota.
 Wilhelm Fetzner, Buhler Brothers Ltd., St. Gallen, Switzerland (Stricker).
 Dan W. Follmer, Follmer Development Inc., Newbury Park, California.
 Robert G. Fourman, Firmenich Inc., Plainsboro, New Jersey (Verdicchio).
 Gary M. Freeman, Colgate-Palmolive Co., Piscataway, New Jersey.
 Edward F. French, Anderson Clayton Foods, Sherman, Texas (Wood).
 Abdelaziz Gaaloul, Texas A&M University, College Station, Texas (L. Johnson).
 Alejandro G. Garcia, Aceites Vegetales Finos S.A. de C.V., Guadalajara, Mexico (Garcia).
 F. Bryce Gardner, Stepan, Maywood, New Jersey (Meshnick).
 Greg D. Geib, Lonza Inc., Long Beach, California (Disanti).
 Robert M. Gelinas, Morton Thiokol Ventron Division, Danvers, Massachusetts (Hickman).
 Juan M. Gonzalez, Ohio State University, Columbus, Ohio (Min).
 Patricia Gonzalez, Ohio State University, Columbus, Ohio (Peng).
 George H. Gregg, University of Tennessee, Knoxville, Tennessee (Melton).
 Stephen B. Grisamore, Iowa Testing Laboratories Inc., Eagle Grove, Iowa (Henry).
 Shlomo Grossman, Bar-Ilan University, Ramat-Gan, Israel.
 James W. Hagemann, USDA Northern Regional Research Center, Peoria, Illinois.
 Karim J. Hamawy, New England Deaconess Hospital, Harvard Medical School, Boston, Massachusetts (Valicenti).
 Wolfgang Hamm, independent consulting chemical engineer, Harpenden, United Kingdom.
 Jim W. Hampson, USDA Eastern Regional Research Center, Philadelphia, Pennsylvania (Luddy).
 Ronald D. Harris, Anderson Clayton Foods, Richardson, Texas.
 Arthur J. Hein, Polyester Corp., Southampton, New York (Davis).
 Sam F. Heleba, Morton Thiokol Ventron Division, Danvers, Massachusetts.
 Edgar E. Hernandez, Samudio & Asociados Ltda "Samtec," Bogota, Colombia (Miller).
 Paul N. Hiley, B&J Oil Co., Chula Vista, California (Manolo).
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 Tan Yee Khun, Intercontinental Specialty Fats Sdn. Bhd., Pelabuhan Kelang, Selangor, Malaysia.
 Chin-Hong Kim, University of Rhode Island, Kingston, Rhode Island.
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 Robert M. Koca, Calsicat Division, Mallinckrodt Inc., Erie, Pennsylvania (Brickhouse).
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 Anna Kornfeldt, Institute for Surface Chemistry, Stockholm, Sweden (Wilton).
 Milton Laine, Bloomfield, New Jersey.
 J.H.W. Lapham, Carst & Walker (Pty) Limited, Johannesburg, South Africa.
 Donald R. Larkin, Celanese Chemical Co., Corpus Christi, Texas (Duey).
 Phillip K. Lee, University of Tennessee, Knoxville, Tennessee (Melton).
 James W. Lewis, The Bionetics Corporation Analytical Laboratory, Hampton, Virginia.
 Eivind B. Lillehoj, USDA Southern Regional Research Center, New Orleans, Louisiana (Goldblatt).
 Shyd-Dan Lin, Texas A&M University, College Station, Texas (L. Johnson).
 P. Beth MacDonald, Victory Soya Mills Ltd., Toronto, Ontario, Canada.
 Ibrahim A. Makhlof, Faculty of Agriculture-Food Technology and Alexandria Oil & Soap Co., Alexandria, Egypt (Khyam).
 Correa J. Maldonado, Industrias Conasupo S.A. de C.V., Tultitlan Edo. de Mexico, Mexico (Erickson).
 Abdel Malek, Faculty of Agriculture-Food Technology and Alexandria Oil & Soap Co., Alexandria, Egypt (Khyam).
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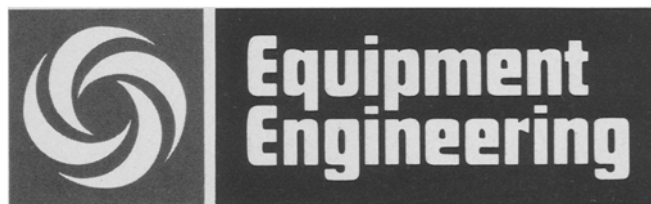
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- Richard P. Zajac, Best Foods, CPC International, Union, New Jersey (Bauer).

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