



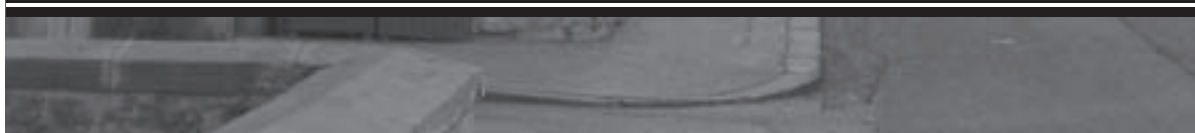
**98th AOCS Annual Meeting & Expo**

A Joint World Congress with the Japan Oil Chemists' Society

# Business and Awards Recognition Breakfast

Québec City Convention Centre, Québec City, QC, Canada

**May 15, 2007**





## The AOCS Awards/Business Breakfast program is sponsored by Oil Dri.

**OIL DRI**  
CORPORATION OF AMERICA



Outgoing Governing  
Board President,  
Howard Knapp



Incoming Governing  
Board President,  
Philip Bollheimer

### AOCS 2006–2007 Governing Board

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 Publications Chairperson: .....Robert Moreau  
 Technical Chairperson: .....Ian Purtle

### 2007 Annual Meeting Business Agenda

Call to Order (Knapp)  
 Welcome and Announcements (Knapp)  
 Approval of Minutes (Akoh)  
 Reincorporation of AOCS (Knapp)  
 Foundation Report (Boyer)  
 Nominations and Elections Committee Report (Haas)  
 Retiring President's Address (Knapp)  
 Passing of the Gavel (Knapp)  
 Presentation of Past President's Key (Bollheimer)  
 Incoming President's Address (Bollheimer)  
 Award Presentations (Bollheimer)  
 Adjournment (Bollheimer)

### Award Sponsors

AOCS thanks all award sponsors for their generous support. Sponsors make it possible for AOCS and its groups to recognize outstanding scientists, researchers, technicians, and students for their years of service within the fats and oils community.

*Akzo Nobel, Inc.*  
*Anderson International Corporation*  
*Archer Daniels Midland Co.*  
*Cargill, Inc.*  
*Stephen S. and Lucy D. Chang*  
*Manuchehr (Manny) Eijadi*  
*International Food Science Centre AS*  
*International Lecithin & Phospholipid Society (ILPS)*  
*Peter and Clare Kalustian*  
*Lonza, Inc.*  
*National Biodiesel Board*  
*Frank C. Naughton*  
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*Nu-Chek-Prep, Inc*  
*Nicholas Pelick*  
*Milton Rosen*  
*Vijai K.S. Shukla*  
*The Soap and Detergent Association (SDA)*  
*Supelco, Inc.*  
*Thomas Smouse and Family*  
*United Soybean Board*

### Awards Program

Each year the AOCS and its component groups present awards to recognize accomplishments by individuals in the realm of fats, oils, and related materials. Recipients range from longtime AOCS members who have spent years in their specialties to graduate students who are just beginning their careers. Most awards are presented at Division events or at the Award lectures. The Society awards will be presented as part of this morning's event.

AOCS congratulates each of the 2006–2007 award recipients.




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## SOCIETY AWARDS

### ***A.R. Baldwin Distinguished Service***

This award was first given in 1981 to Dr. A. Richard Baldwin to recognize his lengthy and distinguished service to the AOCS and for his leadership within the Society. The award consists of a plaque, a \$2,000 honorarium, and travel expenses provided by Cargill, Inc.



The A.R. Baldwin Distinguished Service Award is awarded to **John E. Heilman**, consultant, USA.

John Heilman has been an active AOCS member since 1962 and attended his first AOCS meeting in 1963. His first major activity was in the early 1980s when he brought together AOCS and the National Oilseed Processors Association (NSPA). The Societies worked together to improve meal analyses and to improve reliability of AOCS-approved laboratories. John Heilman also worked with the AOCS Technical Department to set up the Certified Laboratory Program. During this time, he joined the AOCS Foundation Board in order to raise funds for the Certified Laboratory Program, to update and publish a new addition of the Book of Methods, and to develop methods. He continues to serve on the AOCS Foundation Board as Secretary.

John Heilman has served fourteen years on the AOCS Governing Board by serving as Technical Activities Coordinating Committee chairperson, Education Activities Coordinating Committee chairperson, and through elected offices. He served as President in 1998–1999.

John Heilman was selected an AOCS Fellow in 2002.

### ***Award of Merit***

The Award of Merit is presented annually for productive service to the AOCS. Leadership in technical, administrative, or special committees and activities; outstanding service that has advanced the Society's prestige, standing, or interests; and services not otherwise specifically recognized are considered.



This year the award will be presented to **Max E. Norris** of the Agricultural Utilization Research Institute, USA.

Max Norris has been an active AOCS member since 1987. He has been a strong leader within the Edible Applications Technology Division and the Industrial Oil Products Division. Within the Divisions, Max Norris has been instrumental bringing in new board members and ensuring they contributed to AOCS and Division activities. He has provided the necessary vision to lead and grow the Edible Applications Division and now is focusing his efforts by serving on the Industrial Oil Products Division board as Chairperson. Max Norris has also participated in the AOCS Annual Meetings as a participant, presenter, and as technical Chairperson of the 2001 meeting in Minneapolis, Minnesota.

### ***AOCS Fellow***

Veteran AOCS members whose achievements in science entitle them to exceptionally important recognition or who have rendered unusually important service to the Society or to the profession are eligible for Fellow membership status. A candidate must have been an AOCS member for a minimum of 15 years. AOCS Fellows are



an elite group whose membership cannot exceed 2% of the AOCS membership.



**Manuchehr (Manny) Eijadi**, consultant, USA is an internationally recognized leader in the area of fats and oils processing. He is a technical leader in the development and applications of emulsifiers, such as mono- or di-glycosides, as well as the hydro-generation process.

Manny Eijadi has been an active member of AOCS for over 45 years. He has held several elected offices of the Northeast Section (NEAOCS) through Presidency. He has maintained an active interest in programs for the Section and Society which includes such activities as chairing national meetings and international workshops and conferences. He helped establish the NEAOCS student award (Hans Kaunitz award) and endowed the Society's Manuchehr Eijadi award.

Manny Eijadi received the NEAOCS Achievement award.



**Michael Haas**, USDA ARS ERRC, USA has developed an international reputation as an expert in lipid biotechnology. He has distinguished himself in areas of biocatalysis, biodiesel, esterification, and the enzyme lipase. He has also carried out cutting edge research on the cloning of enzymes, reaction chemistry of fats and oils, and the production of biodiesel from fats and oils.

Michael Haas has been an active member for over 15 years. He was co-founder of the Biotechnology Division and served as Chair. He has served as Associate Editor and as Senior Associate Editor for *JAOCs*. He has served on the Governing Board as a Member-at-Large, as Secretary, Vice-President, and as President. As President, his exceptional leadership skills helped guide AOCS through difficult times and redirect the organization on a new path that will ensure its health for many years.

Michael Haas received the Alton E. Bailey award.



**Mark Matlock**, Archer Daniels Midland, USA is internationally recognized for the development of innovative technologies leading to automated methodology for the analysis of fat and oil properties, novel food applications for high-quality vegetable protein, and more healthful food products. He is recognized for his role in developing an automated solid fat content measurement NMR system, an automated OSI system for measuring oxidative stability of vegetable oils, and the introduction of diacylglyceride oils.

Mark Matlock has been an active member of the Society for over 15 years. His commitment and contributions to AOCS are numerous, including technical committees, a Division officer, Governing Board member, and as President. He continues his support for AOCS programs as a Foundation Advisory Council Member. He has led many efforts to increase AOCS income through special efforts to market books and by coordinating several special meetings. He has been instrumental in rejuvenating industry participation in AOCS.

Mark Matlock received the U.S. Green Chemistry Award and the AOCS Corporate Achievement Award.



**Toru Takagi**, Emeritus Professor, Hokkaido University, Japan is internationally recognized for his research in a series of ground-breaking papers on the chiral phase separations of racemic diacylglycerols and related lipids. He is best known for his innovative work on chiral chromatography, where he was

the first to demonstrate resolution of a wide variety of enantiomeric lipids by chiral-phase HPLC, but especially of mono- and diacylglycerol derivatives. In his early career, he made exceptional contributions to the analysis of marine lipids, and to the application of a number of chromatographic and chemical techniques to lipid analysis.

Toru Takagi has been an active member of AOCS for over 45 years. He has promoted the interest of AOCS in Japan, mainly through successful joint meetings. He served as Vice-President and President of the JOCS from 1996–1999. He has also supported AOCS by publishing many of his noteworthy papers in *Lipids* and *JAOCs*.



## SCIENTIFIC AWARDS

For detailed information on the award lecture schedules, please refer to the AOCS Annual Meeting & Expo printed program guide.

### ***Supelco/Nicholas Pelick–AOCS Research Award***

The Supelco/Nicholas Pelick–AOCS Research Award was established to recognize outstanding original research, as presented in high-quality technical papers regarding fats, oils, lipid chemistry, or biochemistry. Supelco, Inc., a subsidiary of Sigma Aldrich Corp., and Nicholas Pelick, a longtime member and past president of the AOCS, are the sponsors of this award.



**Edwin N. Frankel** of the University of California–Davis, USA is this year's recipient of the Supelco/Nicholas Pelick–AOCS Research Award. The award consists of a plaque, an \$8,000 honorarium, and travel expenses.

Edwin Frankel is currently Professor of Food Science and Technology at the University of California–Davis, and is one of the most influential and well respected scientists of his generation. His publications number over 240 with a wide range of topics, such as lipid oxidation in oils and fat-containing foods, catalysis, lipid oxidation in biological systems, and antioxidants including tocopherols and natural phenolic antioxidants in wines, grapes, fruits and other plant sources. He is also the sole author of two books on lipid oxidation and is working on a third book on antioxidants, and has eight patents. Frankel is one of the most cited scientists in all of agricultural science.

In almost every sense Edwin Frankel has guided the field of lipid oxidation for three decades. He has been its most rigorous and intellectually disciplined scientist, spokesman, and advocate.

Edwin Frankel has received many awards including the AOCS Stephen S. Chang Award, the AOCS Alton E. Bailey Award, the ISF Kaufmann Memorial Lecture Award, and the Vesely Medal.

Edwin Frankel will give the award address, "The Lipovore's Challenge to Food Scientists" on Tuesday, May 15 at 1:30 p.m.

### ***Stephen S. Chang Award***

The Stephen S. Chang Award was established to recognize a scientist, technologist, or engineer who has made distinguished accomplishments in basic research that have been used by industry for the improvement or development of products related to lipids. The late Stephen S. Chang and his wife, Lucy D. Chang, sponsor this award.



**Peter M. Elias** of the University of California–San Francisco, USA has been awarded the Stephen S. Chang Award. The award consists of a jade horse and an honorarium of \$5,000.

Peter Elias is currently Professor of Dermatology at the University of California–San Francisco School of Medicine, and is one of the top dermatologists in the world today. He is an acclaimed researcher who has authored or co-authored over 250 publications, a dozen patents, and trained and mentored scientists from 20 different countries.

Peter Elias is an active researcher in the field of epidermal lipids, with special emphasis on defining the barrier



properties of skin. His pioneering work on the structural organization of lipids in the Stratum Corneum has substantially impacted industries ranging from pharmaceutical, cosmetics, and the supply side of the personal care industry. The field of trans-dermal drug delivery has been enriched by his innovative “metabolic” approaches. Currently all major industries have skincare products (barrier creams, moisturizers) in the market containing skin-mimicking lipids which were a result of Elias’s painstaking research showing crucial to maintain skin barrier homeostasis, moisturization and optimal skin health. His basic research on the Glycolipids and their metabolites, Ceramides, has a direct bearing on human skin diseases such as Gaucher’s Disease and other related conditions such as Lamellar Ichthyosis.

Peter Elias will give the award address, “Structure, Function, and Regulation of the Epidermal Permeability Barrier” on Tuesday, May 15 at 11:00 a.m.

#### **AOCS Young Scientist Research Award**

The AOCS Young Scientist Research Award recognizes a young scientist who has made a significant and substantial research contribution in one of the areas represented by the Divisions of the AOCS. The award consists of a plaque, a \$1,000 honorarium, and financial support to attend the AOCS Annual Meeting & Expo. Prof. Dr. Vijai K.S. Shukla and the International Food Science Centre A/S in Denmark sponsor the award.



**Gwendolyn Barceló-Coblijn** of the University of Balearic Island, Spain is this year’s recipient.

Gwendolyn Barceló-Coblijn is currently Assistant Professor of Cell Biology, University of Balearic Islands, Spain and is an outstanding lipid biochemist. Her research focused on the role n-3 fatty acids of nutrition and health. In 2003 she received her Ph.D (Biochemistry) from the University of Szeged, Hungary and has been active in the field since. She has authored over 15 peer reviewed paper, some that are considered landmarks in the field of food science and membrane lipid regulation.

Gwendolyn Barceló-Coblijn is a well trained young scientist who has actively participated in service to her profession, serving as a reviewer for *Journal of Neurochemistry*, *Biochimica Biophysica Acta*, *Proceedings of the National Academy of Sciences (PNAS)*, and for *Lipids*.

Gwendolyn Barceló-Coblijn will present the award address, “Effects of n-3 Enriched Diets on Phospholipid Fatty Acid Composition and Gene Expression,” on Wednesday, May 16 at 11:20 a.m.



## DIVISION AWARDS

For detailed information on the award lecture schedules, please refer to the AOCS Annual Meeting & Expo printed program guide.

### ***SDA/NBB Glycerine Innovation Award***

This award was established to recognize outstanding achievements for research into new applications for glycerine with particular emphasis on commercial viability. The award is sponsored by The Soap and Detergent Association and the National Biodiesel Board, offered through the Industrial Oil Products Division, and consists of a \$5,000 honorarium and a plaque.



The winner of this award is **Yuji Shimada** of the Osaka Municipal Technical Research Institute, Japan. The award address is entitled "Application of Lipase Reactions to Oil and Fat Industry."



This year's recipients are the research team **Bruno Jestin** (at left) and **Philippe Krafft** (at right) of the Solvay SA, Belgium.

### ***Biotechnology Division Lifetime Achievement Award***

This award was developed to honor outstanding lifetime performance and meritorious contributions to an area of interest to the AOCS Biotechnology Division. The award consists of a \$3,500 honorarium and a plaque. Nisshin OilliO sponsors the award.

### ***Samuel Rosen Memorial Award***

This award recognizes a significant advancement or application of the principles of surfactant chemistry by a chemist working in the industry. The contribution recognized may be in the form of a scientific publication, a patent, or the development of a new product. The award is sponsored by Milton Rosen to recognize his father, Samuel Rosen, who worked as an industrial chemist on the formulation of printing inks for more than forty years. The award, offered through the Surfactants and Detergents Division of the AOCS, consists of a \$2,000 honorarium and a plaque.



**Jeffrey J. Scheible** of Procter and Gamble, USA is the recipient of the award. The award address is entitled "The Impact of Feedstocks on Future Innovation in Surfactant Technology for the Detergent Market."



### ***Food Structure and Functionality Lifetime Achievement Award***

The Food Structure and Functionality Lifetime Achievement award honors the recipient's outstanding performance and meritorious contributions to an area of interest to the Division. The award consists of a \$1,500 honorarium and a crystal plaque.



**Kåre Larsson** of Camurus Lipid Research Foundation, Sweden is the recipient of the award for his contributions to the field of food structure. The award address is entitled "On Some X-ray Structural Studies of Polar Food Lipids."

### ***Herbert J. Dutton Award***

The Herbert J. Dutton Award is sponsored by the Analytical Division of the AOCS and is given to a scientist who has made significant contributions to the analysis of fats and oils or for work that has resulted in major advances in the understanding of processes utilized in the fats and oils industry. The award consists of a plaque and a \$1,000 honorarium.



This year's recipient is **Yutaka Itabashi** of the Hokkaido University, Japan. The award address is entitled "HPLC Resolution of Stereo- and Regioisomeric Glycerolipids."

### ***Timothy L. Mounts Award***

This award was established to recognize research accomplishments relating to the science, technology, or applications of edible oils or derivatives in food products. The award is sponsored by Lonza Inc., offered through the Edible Applications Technology Division of the AOCS, and consists of a \$500 honorarium and a plaque.



This year's recipient is **N.A. Michael Eskin** of the University of Manitoba, Canada. The award address is entitled "Stability and Quality of Edible Oils: One Scientist's Adventure."

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## **BEST PAPER AWARDS**

*Best Paper Award presentations are scheduled as part of the Division's luncheon or dinner programs.*

For detailed information on the award lecture schedules, please refer to the AOCS Annual Meeting & Expo printed program guide.

### ***Edwin Frankel Award for Best Paper in Lipid Oxidation and Quality***

The Lipid Oxidation and Quality Division Best Paper Award is presented annually to the authors of the best paper relating to lipid oxidation or quality published during the past year in AOCS Press publications.



Usha Thiyam



Karin Schwarz

Not pictured Heiko Stöckmann

This year's recipients are **Usha Thiyam, Heiko Stöckmann, and Karin Schwarz** for the paper entitled "Antioxidant Activity of Rapeseed Phenolics and Their Interactions with Tocopherols During Lipid Oxidation." (*JAOCS*, vol. 83, no. 6: pp. 523–528).

### ***Phospholipid Division Best Paper Award***

The Phospholipid Division Award for Best Paper is presented annually to the author of the best paper relating to phospholipids published during the last year. The Phospholipid Division of the AOCS and the International Lecithin and Phospholipid Society (ILPS) sponsor this award.

This year's recipients are **Anders Vikbjerg, Jean-Yves Rusig, Gunnar Jonsson, Huiling Mu, and Xuebing Xu** for the paper "Comparative Evaluation of the Emulsifying



Anders Vikbjerg



Jean-Yves Rusig



Gunnar Jonsson



William L. Porter



Karen R. Conca



Walter G. Yeomans



Huiling Mu



Xuebing Xu



Shawn Diotte



Amy Lynch



Jennifer Tate

Properties of Phosphatidylcholine after Enzymatic Acyl Modification" (*Journal of Agricultural and Food Chemistry*, vol. 54, no. 9: pp. 3310–3316).

#### **Archer Daniels Midland Award**

The Archer Daniels Midland Award is presented annually to the authors of the best paper relating to proteins and co-products published during the past year in AOCS Press publications. Archer Daniels Midland and the Protein and Co-Products Division of the AOCS sponsor the award.

This year's recipients in the engineering/technology category are **Rebecca Marnoch** and **Levente L. Diosady** for "Production of Mustard Protein Isolates from Oriental Mustard Seed (*Brassica juncea* L.)" (*JAOCs*, vol. 83, no. 1: pp. 65–69).



Rebecca Marnoch



Levente L. Diosady

This year's recipients in the chemistry/nutrition category are **William L. Porter**, **Karen R. Conca**, **Walter G. Yeomans**, **Shawn Diotte**, **Amy Lynch**, and **Jennifer Tate** for "Modification of Maillard Browning in a Microwaved Glucose/Glycine Model System by Water-Soluble

Natural Antioxidants and Foods Containing Them" (*JAOCs*, vol. 83, no. 8: pp. 697–705).

#### **The Soap and Detergent Association Distinguished Paper Award**

The Soap and Detergent Association (of the United States) Award is presented annually to the authors of the best technical paper appearing during the preceding year in the *Journal of Surfactants and Detergents (JSD)*, a publication of AOCS Press. The Soap and Detergent Association, along with the Surfactants and Detergents Division of the AOCS, sponsors this award. The award consists of a plaque presented by The Soap and Detergent Association.

This year's recipients are **Bungon Luepakdeesakoon**, **Chintana Saiwan**, and **John Scamehorn** for "Contact Angle of Surfactant Solutions on Precipitated Surfactant Surfaces. III. Effects of Substituted Anionic and Nonionic Surfactants and NaCl." (*JSD*, vol. 9, no. 2: pp. 125–136)

Bungon  
Luepakdeesakoon

Chintana Saiwan



John Scamehorn



## STUDENT AWARDS

For detailed information on the award lecture schedules, please refer to the AOCS Annual Meeting & Expo printed program guide.

### **AOCS Thomas H. Smouse Memorial Fellowship**

The Archer Daniels Midland Foundation, AOCS, AOCS Foundation, and the family and friends of Dr. Smouse have established a fellowship program designed to encourage and support outstanding graduate research in a field of study consistent with areas of interest to the AOCS.



**Hongmei Ren** of the London Metropolitan University, United Kingdom, was awarded a continuation of the Smouse Memorial Fellowship for the 2006–2007 academic year.



**Florencia Pascual** of Rutgers, the State University of New Jersey, USA will be awarded the Smouse Memorial Fellowship for the 2007–2008 academic year.

### **Honored Student Awards**

The Honored Student Award recognizes graduate students at any institution of higher learning, in any area of science dealing with fats and lipids, who are doing research toward an advanced degree and who are interested in the areas of science and technology. Ten students have been selected to receive special recognition for their academic studies and research. These students have received financial support to attend the meeting

and each will be presenting a technical paper as part of the technical program. The 2007 recipients are:



**Andrea Cisneros** is a graduate student in the Food Science Department at the University of Wisconsin, USA. She is recognized for her research on the processing effects on the structure and functionality of water-in-oil emulsions. Andrea expects to receive her Doctorate degree in December 2007.



**Linh Dieu Do** is a graduate student in the Chemical, Biological Engineering and Materials Science Department at the University of Oklahoma, USA. She is recognized for her research in the development of surfactant-based alternatives to organic solvents for vegetable oil extraction; focusing on biodiesel applications. Linh expects to receive her Doctorate degree in May 2009.



**Ibrahim Gülseren** is a graduate student in the Food Science Department at The Pennsylvania State University, USA. He is recognized for his research on ultrasonic characterization of crystal dispersions and frozen foods. Ibrahim expects to receive his Doctorate degree in Fall 2007.



**Pedro S.P. Huot** is a graduate student in the Nutritional Sciences Department at the University of Toronto, Canada. He is recognized for his research on the effect of conjugated linoleic acid on caveolae lipid composition and protein localization in breast cancer cells. Pedro expects

to receive his Master degree in December 2006.



**Vishal P. Jain** is a graduate student in the Food Science Department at the University of Arkansas, USA. Vishal is recognized for his research on the pilot plant production of CLA-rich soy oil by photoirradiation. Vishal expects to receive his Doctorate degree in December 2007.



**Shane N.D. Lal** is a graduate student in the Chemistry Department at The University of Auckland, New Zealand. She is recognized for her research on food carrier systems for functional lipid ingredients. Shane expects to receive her Doctorate degree in December 2007.



**Mette B. Let** is a graduate student in the Department of Seafood Research at the Technical University of Denmark, Denmark. She is recognized for her research on protection against lipid oxidation in fish oil enriched foods. Mette expects to receive her Doctorate degree in June 2007.



**Wendell J. Lu** is a graduate student in the Molecular and Cellular Physiology Department at the University of Cincinnati, USA. He is recognized for his research on the role of macronutrients in the secretory response and mechanisms of diabetic hormones-GLP-1 and GIP. Wendell expects to

receive his Doctorate degree in June 2007.



**Paul H.L. Moquin** is a graduate student in the Agricultural Food and Nutritional Science Department at the University of Alberta, Canada. He is recognized for his research on lipid reactions in supercritical carbon dioxide media. Paul expects to receive his Doctorate degree in October 2007.



**Jessica S. Yuan** is a graduate student in the Chemical Engineering and Applied Chemistry Department at the University of Toronto, Canada. She is recognized for her research on linker-based lecithin microemulsions as transdermal drug delivery systems. Jessica expects to receive her

Doctorate degree in May 2008.

The following have contributed to the 2007 Honored Student Program. The AOCS gratefully acknowledges their support to further education in the fats and oils industry.

Anderson International Corporation  
Nu-Chek-Prep, Inc.

We would also like to thank the many AOCS members who contributed to the 2007 Student Programs Fund by including a donation with their membership dues.

### **Frank C. Naughton Award**

The Frank C. Naughton Award recognizes the outstanding merit and performance of an Honored Student who will present a paper at the annual meeting of the Society. This award is derived from the funds contributed in memory and honor of Frank C. Naughton, a distinguished and active member of the AOCS, and is conveyed to the Society by his widow, Marian Naughton.

The award consists of a certificate and \$1,000 to be used for continued education in the fats and oils field.



**Linh Dieu Do** of the University of Oklahoma, USA is the recipient of the award.



### ***Manuchehr Eijadi Award***

The Manuchehr (Manny) Eijadi Award recognizes the outstanding merit and performance of an Honored Student who will present a paper at the annual meeting of the Society. This award is derived from the funds contributed by Manny Eijadi, a longtime active member of the AOCS. The award consists of a plaque and \$1,000 to be used for continued education in the fats and oils field.



**Paul H.L. Moquin** of the University of Alberta, Canada is the recipient of the award.

### ***Peter and Clare Kalustian Award***

The Peter and Clare Kalustian award recognizes the outstanding merit and performance of an Honored Student.



The award is supported by the Kalustian estate and includes a certificate and a \$1,000 honorarium.

**Vishal P. Jain** of the University of Arkansas, USA is the recipient of the award.

### ***Ralph H. Potts Memorial Fellowship***

The Ralph H. Potts Memorial Fellowship is presented annually to a graduate student working in the field of the chemistry of fats and oils and their derivatives. The type of research that qualifies for the award involves fatty acids and their derivatives, such as long-chain alcohols, amines, and other nitrogen compounds. The award consists of a \$1,000 honorarium and a plaque. It is sponsored by Akzo Nobel, Inc. to recognize the late Ralph H. Potts, a pioneer in industrial research and technology of fatty acids.



**Darrell L. Sparks, Jr.** is a graduate student in chemical Engineering at the Mississippi State University, USA. He is recognized for his research on oxidation of oleic acid in a supercritical fluid medium. Darrell expects to receive his Doctorate degree in December 2007.

### ***Analytical Division Student Award***

This award recognizes outstanding graduate students presenting in the field of lipid analytical chemistry at the AOCS Annual Meeting & Expo. The award consists of a \$250 honorarium and a certificate.



**Cynthia Boudrault**, University of Toronto, Canada for the paper "DHA Is Enriched in the Hippocampus of Fat-1 x TgCRND8 Mice," which will be presented during the n-3 Fatty Acids: Implications for Child Development and Treatment of Bipolar Disorders session.



**Sandra A. Reza López**, University of Toronto, Canada for the paper "High Vitamin Intake During Pregnancy Alters Fat PAD Mass and Fatty Acid Composition of Liver and Muscle in the Offspring," which will be presented during the General Nutrition session.

### ***Biotechnology Division Student Excellence Award***

The award recognizes an outstanding paper in the field of biotechnology presented by a student at the AOCS Annual Meeting & Expo. Award recipients will receive an honorarium and a certificate.



**Jung-Ah Shin** of the Chungnam National University, South Korea, for the paper "Physicochemical Characterization of Lipase-Catalyzed Modified Butterfat from Flaxseed Oil and Palm Stearin" that was presented in the Biotechnology Poster session.



**Eleni Bachlava** of the North Carolina State University, USA, for the paper "Mapping the Microsomal  $\omega$ -6 Fatty Acid Desaturase Genes Controlling Oleic Acid Seed Content in Soybean" which will be presented in the Novel Oils session.



**Catherine Nyinyi** of the University of Tennessee, USA for the paper "Confirmation of Fatty Acid Modifier QTL in Soybean" which will be presented in the General Biotechnology session.



This year's recipient is **Umer Rashid** of the University of Agriculture, Pakistan, for the paper, "Optimization and Characterization of Alkali-Catalyzed Transesterification of Rapeseed Oil for Production of Biodiesel," that was presented during the Alternative Fuels II session.

#### ***Edible Applications Technology Division Student Excellence Award***

The award recognizes an outstanding graduate student doing research toward an advanced degree in the edible applications field of interest. The award consists of \$500 to help defray expenses to attend and present at the AOCS Annual Meeting & Expo, and a certificate.



This year's recipient is **Sabine Danthine** of the Gembloux Agricultural University, Belgium, for the paper "Comparative Analysis of Melting Properties, Polymorphic Behavior and Tricylglycerol Composition of Palm Oil and Fractions," that will be presented during the Crystallization II session.

#### ***Health and Nutrition Division Student Excellence Award***

This award recognizes the outstanding merit and performance of an Honored Student in the health and nutrition field who will present a paper at the annual meeting of the Society. This award is sponsored by the Health and Nutrition Division of the AOCS and includes a certificate and \$500 to be used for continued education in the fats and oils field.



The recipient of this award is **Wendell J. Lu** of the University of Cincinnati, USA.

#### ***Industrial Oil Products Division Student Award***

The award recognizes an outstanding graduate student who is doing research toward an advanced degree in the industrial oil products field of interest. The award consists of \$500 to help defray expenses to attend and present at the AOCS Annual Meeting & Expo, and a certificate.

#### ***Processing Division Student Excellence Award***

This award recognizes graduate students presenting an outstanding paper at the AOCS Annual Meeting & Expo in the processing interest area. Award recipients receive a \$250 honorarium and a certificate.



The recipient of this award is **Paul H.L. Moquin** of the University of Alberta, Canada.

#### ***Surfactants and Detergents Division Student Travel Award***

The award is intended to recognize an outstanding graduate student who is interested in the area of science and technology in any area of science dealing with fats, oils, proteins, lipids, surfactants, detergents, or related materials and who is doing research toward an advanced degree. The award recipients will receive \$500 to help defray costs in attending the Annual Meeting & Expo, and a certificate.



**Thu Nguyen**, of the University of Oklahoma, USA for the paper, "Development and Applications of Environmental Friendly Vegetable Oil Microemulsions," that was presented during the Recent Advances in Microemulsions session.



**Sunisa Watcharasing**, of the Chulalongkorn University, Thailand for the paper, "Bubble Size Distribution in a Froth Column under Ultra-Low Interfacial Tension Conditions and Relation to Foam Characteristics," which will be presented during the Industrial Applications of Surfactants session.