



Fall 2001

# THE CORNUCOPIA

American Chemical Society

**Division of Agricultural and Food Chemistry**

<http://membership.acs.org/A/Agfd>

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New Material Deadline for Spring 2002 Cornucopia: December 1, 2001

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## INCLUDING ABSTRACTS

**222nd ACS National Meeting  
Chicago, Illinois  
August 26-30, 2001**

**Fereidoon Shahidi, Program Chair**



# AGRICULTURAL AND FOOD CHEMISTRY



## Division of AMERICAN CHEMICAL SOCIETY

2001

Chair: M. Tunick, USDA/ERRC, Wyndmoor, PA 19038 (215) 233-6454, mtunick@arserrc.gov  
Chair-elect: F. Shahidi, Memorial Univ. of Newfoundland, St. John's, Newfoundland, A1B3X9 Canada (709) 737-8552, fshahidi@morgan.uccs.mun.ca

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Web Address: <http://membership.acs.org/a/agfd>

### MESSAGE FROM THE CHAIR

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#### PROGRAM

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#### PUBLIC RELATIONS

C. Brine

#### ADVERTISING

K. Aji

AGFD participated in a strategic planning session last fall, a summary of which was published in the Winter 2000 issue of the Cornucopia. Our plan of becoming the value provider of choice for those involved in agricultural and food chemistry was to be accomplished by (a) creating new formats for dissemination of knowledge, (b) engaging in cooperative efforts with scientists outside the division, (c) increasing public outreach, (d) enhancing member networking, (e) strengthening revenue streams and member involvement in AGFD leadership, and (f) using new technology to accomplish our goals.

We have tackled many of these goals already. For instance, Sara Risch and Sharon Shoemaker have addressed (a), (b), and (c) by organizing a symposium in the Committee on Science program, and to be held jointly with the Institute of Food Technologists. "Ensuring a Safe and Healthy Food Supply" will take place in Chicago on Sunday afternoon, August 26. This symposium, the first that AGFD will cosponsor with COMSCI, will cover biotechnology, government policy and regulations, alternative processing methods, and other current issues. The symposium is expected to provide the news media, and thus the public, with an authoritative source of information on controversial topics related to food and agriculture.

A new Membership Chair, Lucy Yu, has been appointed to replace Carl Frey, who has become AGFD Vice Chair. She will continue Carl's practice of welcoming new members to our division and acknowledging those who have remained members. Lucy introduced herself to me at the Chair's Reception in San Diego and asked how she can help the division. This is part of goals (d) and (e); national meetings are excellent places to network with other division members, and we are always looking for ways to improve contact between members and to get them involved.

Goal (e) also deals with revenue, which has decreased recently because of a sharp decline in book royalties. Therefore, a Publication Committee, consisting of Charles Brine, Robert McGorin, Mike Morello, and Marshall Phillips, has been appointed to investigate new and more cost-effective ways of publishing proceedings of our symposia.

We have taken large strides with goal (f): our new web site is on the ACS server at <http://membership.acs.org/a/agfd/>. We thank Joan Merritt for setting up the site, Colin Ringleib for volunteering as the new webmaster, and Terry Acree for handling our old site for the past several years. The Cornucopia will appear on the web at least two months before ACS mails the paper issue. We urge you to check the web site periodically for the latest division news as well as for an up-to-date list of future programs and contact people. The site also contains awards criteria, Harold Pattee's history of the division, and links to other useful sites.

As always, if you wish to share any ideas about our division, feel free to contact me at mtunick@arserrc.gov, or call me at 215-233-6454. I hope to see you in Chicago.

Michael Tunick  
AGFD Chair

# FUTURE PROGRAMS

Submit abstracts using the Online Abstract Submittal System (OASys) at <http://oasys.acs.org>. Contact symposium chair if you do not have internet access.

## CHICAGO, IL August 26-30, 2001

Program Chair: Fereidoon Shahidi, Memorial Univ. of Newfoundland, Dept. of Biochemistry, St. John's, NF A1B 3X9, Canada, (709) 737-8552, fax (709) 737-4000, e-mail: fshahidi@mun.ca

### 1 GENERAL PAPERS AND POSTERS.

F. Shahidi

### 2 ACS-IFT JOINT SYMPOSIUM ON ENSURING A SAFE AND HEALTHY FOOD SUPPLY.

Sharon P. Shoemaker, Univ. of California, One Shields Avenue, Davis, CA 95616, (530) 752-2922, fax (530) 752-6578, e-mail: spshoemaker@ucdavis.edu; Sara J. Risch, Science By Design, 505 N. Lake Shore Drive, #3209, Chicago, IL 60611, (312) 467-1067, fax (312) 467-1471, e-mail: sjrisch@aol.com; Michael H. Tunick, US Department of Agriculture, Agricultural Research Service, Eastern Regional Research Center, 600 E. Mermaid Ln., Wyndmoor, PA 19038, (215) 233-6454, fax (215) 233-6795, e-mail: mtunick@arserrc.gov. *In COMSCI*

### 3 AGRICULTURAL BIOTECHNOLOGY.

Mahesh Bhargat, Monsanto Co., 700 Chesterfield Pkwy. N., St. Louis, MO 63198, (636) 737-5936, fax (636) 737-6880, e-mail: mahesh.k.halgat@monsanto.com. *Cosponsored by AGRO*

### 4 CHEMISTRY AND FLAVOR OF NUTRACEUTICAL BEVERAGES.

Fereidoon Shahidi, Memorial Univ. of Newfoundland, Dept. of Biochemistry, St. John's, NF A1B 3X9, Canada, (709) 737-8552, fax (709) 737-4000, e-mail: fshahidi@mun.ca;

Deepthi Weerasinghe, Firmenich Inc., P.O. Box 5880, Princeton, NJ 08543, (609) 452-1000, fax (609) 452-2997, e-mail: deepthi\_weerasinghe@firmenich.com

### 5 DIET AND PREVENTION OF GENDER-RELATED CANCERS.

Wallace H. Yokoyama, US Department of Agriculture, Agricultural Research Service, Western Regional Research Center, 800 Buchanan St., Albany, CA 94710, (510) 559-5695, fax (510) 559-5777, e-mail: wally@pw.usda.gov; Patrick Woster, Dept. of Pharmaceutical Sciences, Wayne State Univ., 539 Shapero Hall, Detroit, MI 48202, (313) 577-1523, fax (313) 577-2033, e-mail: woster@wizard.pharm.wayne.edu

### 6 FRESHNESS AND SHELF LIFE OF FOODS.

Hugo Weenen, TNO-Voeding, P.O. Box 360, 3700 AJ Zeist, The Netherlands, +00-31-30-6944082, fax +00-31-6944295, e-mail: weenen@voeding.tno.nl; Keith Cadwallader, Univ. of Illinois, Dept. of Food Science and Human Nutrition, 1302 W. Pennsylvania Ave., Urbana, IL 61801, (217) 333-5803, fax (217) 333-7386, e-mail: cadwllldr@uiuc.edu

### 7 NUTRAGENOMICS.

John Finley, Kraft Foods, 801 Waukegan Rd., Glenview, IL 60025, (847) 646-7321, fax (847) 646-3301, e-mail: jfinley@kraft.com; Nancy Fogg-Johnson, Life Science Alliance, 796 Panorama Rd., Villanova, PA 19085, (610) 527-9425, e-mail: nefj@aol.com; Alex Meroli, Life Science Alliance, 3719 Kamp Dr., Pleasanton, CA 94588, e-mail: Biozyme@aol.com

## ORLANDO, FL April 7-11, 2002

Program Chair: Fereidoon Shahidi, Memorial Univ. of Newfoundland, Dept. of Biochemistry, St. John's, NF A1B 3X9, Canada, (709) 737-8552, fax (709) 737-4000, e-mail: fshahidi@mun.ca

### 1 GENERAL PAPERS AND POSTERS.

F. Shahidi

# FUTURE PROGRAMS (continued)

**2 GRADUATE STUDENT SYMPOSIUM.**  
Charles Brine, AVEBE America, Inc., Princeton Corporate Center, 4 Independence Way, Princeton, NJ 08450, (609) 520-1400, fax (609) 734-9343, e-mail: brinec@avebe.com

**3 CHEMISTRY AND FLAVOR OF EXOTIC TROPICAL FRUITS.**

Steve Nagy, Florida Dept. of Citrus, Citrus Research and Education Center, 700 Experiment Station Rd., Lake Alfred, FL 33850, (941) 295-5923, fax (941) 295-5920, e-mail: snagy@citrus.state.fl.us

**4 CONTROLLED RELEASE SYSTEMS FOR FOOD II.**

Sam Shefer, Salvona, Inc., 14 Jason Dr., E. Brunswick, NJ 08816, (732) 432-7255, fax (732) 432-7256, e-mail: salvona99@aol.com

**5 METHODOLOGY FOR EVALUATION OF BIOACTIVE COMPOUNDS.**

Leslie Plhak, Univ. of Wisconsin, Dept. of Food Science, 1605 Linden Dr., Madison, WI 53706-1565, (608) 265-1194, fax (608) 262-6872, e-mail: lcplhak@facstaff.wisc.edu; Kirk Parkin, Univ. of Wisconsin, Dept. of Food Science, 1605 Linden Dr., Madison, WI 53706-1565, (608) 263-2011, fax (608) 262-6872, e-mail: klparkin@facstaff.wisc.edu

**6 NUTRACEUTICAL AND SPECIALTY LIPIDS.**

Casimir Akoh, Univ. of Georgia, Dept. of Food Science and Technology, Athens, GA 30602-7610, (706) 542-1067, fax (706) 542-1050, e-mail: cmscakoh@uga.cc.uga.edu; Fereidoon Shahidi, Dept. of Biochemistry, Memorial Univ. of Newfoundland, St. John's, NF A1B 3X9, Canada, (709) 737-8552, fax (709) 737-4000, e-mail: fshahidi@morgan.uccs.mun.ca

**7 OFF-FLAVORS IN AQUACULTURE.**

Agnes M. Rimando, USDA-ARS, Natural Products Utilization Research Unit, P.O. Box

8048, University, MS 38677-8048, (662) 915-1037, fax (662) 915-1035, e-mail: ari-mando@asrr.arsusda.gov; Kevin Schrader, USDA-ARS, Natural Products Utilization Research Unit, P.O. Box 8048, University, MS 38677-8048, (662) 915-1144, fax (662) 915-1035, e-mail: kschrader@olemiss.edu

**8 ORIENTAL FOODS AND HERBS.**

Chi-Tang Ho, Rutgers Univ., Dept. of Food Science, New Brunswick, NJ 08901-8502, (732) 932-9611 ext 235, fax (732) 932-6776, e-mail: ho@aesop.rutgers.edu

## BOSTON, MA August 18-22, 2002

Program Chair: Carl Frey, Givaudan, Merry Lane, East Hanover, NJ 07936, (973) 463-8115, e-mail: carl.frey@givaudan.com

**1 GENERAL PAPERS AND POSTERS.**

C. Frey

**2 FLAVOR WORKSHOP.**

Terry Acree, Cornell Univ., 117 Food Research Lab., Ithaca, NY 14850, (315) 787-2240, fax (315) 787-2397, e-mail: tea2@cornell.edu

**3 BIOACTIVES IN FOODS AND THEIR HEALTH EFFECTS.**

Fereidoon Shahidi, Memorial Univ. of Newfoundland, Dept. of Biochemistry, St. John's, NF A1B 3X9, Canada, (709) 737-8552, fax (709) 737-4000, e-mail: fshahidi@mun.ca; Okezie I. Aruoma, Dept. of Neuroinflammation, Imperial College School of Medicine, Charing Cross Hospital Campus, Fulham Palace Rd., London, England W6 8RF, (44) 20-8846-7023, fax (44) 20-8846-7025, e-mail: o.aruoma@ic.ac.uk

**4 CHALLENGES IN ISOLATION AND CHARACTERIZATION OF FLAVOR COMPOUNDS.**

Byron C. Burros, Mutual Flavors Inc., 1547 North Knowles Ave., Los Angeles, CA 90063, (323) 264-7791, fax (323) 264-9506, e-mail: bcburros@earthlink.net; Kathryn D. Deibler, Department of Food Science and Technology,

# FUTURE PROGRAMS (continued)

Cornell University, NYSAES, Geneva, NY 14456, (315)787-2240, fax (315) 787-2397, e-mail: kdd3@cornell.edu

## 5 CHEMOMETRICS IN FOOD RESEARCH.

Karl J. Siebert, Cornell Univ., Geneva, NY 14456-0462, (315) 787-2299, fax (315) 787-2284, e-mail: kjs3@cornell.edu

## 6 COMPOUNDS AFFECTING MOUTH-FEEL AND TASTE OF FOOD.

Wilhelm Pickenhagen, DRAGOCO Gerberding & Co. AG, Corporate Research Division, Dragocostrasse, D-37601 Holzminden, Germany, +49-5531-971270, fax +49-5531-971158, e-mail: doris.gattermann@eu.dragoco.com; Thomas Hoffman, Deutsche Forschungsanstalt für Lebensmittelchemie, Lichtenbergstrasse 4, Garching 85748, Germany, +0049-89-289-14170, fax +0049-89-289-14183, e-mail: Thomas.Hofmann@lrz.tum.de; C.-T. Ho, Dept. of Food Science, Rutgers Univ., New Brunswick, NJ 08901-8502, (732) 932-9611 ext. 235, fax (732) 932-6776, e-mail: ho@aesop.rutgers.edu

## 7 GRAINS AND LEGUMES.

K. Cadwallader, U. Illinois, Dept. of Food Science and Human Nutrition, 1302 W. Pennsylvania Ave., Urbana, IL 61801, (217) 333-5803, fax (217) 333-3585, e-mail: cadwllldr@uiuc.edu; M. Morello Quaker Oats Co., 617 W. Main St., Barrington, IL 60010, (847) 304-2274, fax (847) 304-2149, e-mail: mike\_morello@quakeroats.com; P. Schieberle, Institut für Lebensmittelchemie TU München, Deutsche Forschungsanstalt für Lebensmittelchemie, Lichtenbergstr.4, 85748 Garching, Germany, + 49 (0) 89 289 13265, fax.+ 49 (0) 89 289 14183, Peter.Schieberle@lrz.tu-muenchen.de; H. Steinhart, Dept. of Food Chemistry, U. Hamburg, D-20146 Hamburg, Germany, steinhart@chemie.chemie.uni-hamburg.de. *Cosponsored by Lebensmit-*

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## 8 MOLECULAR BIOLOGY OF SECONDARY METABOLITES.

Agnes M. Rimando, USDA-ARS, Natural Products Utilization Research Unit, P.O. Box 8048, University, MS 38677-8048, (662) 915-1037, fax (662) 915-1035, e-mail: arimando@asrr.arsusda.gov

## 9 SAFETY ASPECTS OF FLAVOR.

Charles Manley, Takasago International Corp., 4 Volvo Dr., Rockleigh, NJ 07647-0932, (201) 767-9001, fax (201) 784-7292

## 10 TEA AND HEALTH.

John Weisburger, American Health Foundation, Valhalla, NY 10595-1599, (914) 789-7141, e-mail: John\_Weisburger@NYMC.edu

## NEW ORLEANS, LA March 23-27, 2003

Program Chair: Carl Frey, Givaudan, Merry Lane, East Hanover, NJ 07936, (973) 463-8115, e-mail: carl.frey@givaudan.com

## 1 GENERAL PAPERS AND POSTERS.

C. Frey

## 2 GRADUATE STUDENT SYMPOSIUM.

Charles Brine, AVEBE America, Inc., Princeton Corporate Center, 4 Independence Way, Princeton, NJ 08450, (609) 520-1400, fax (609) 734-9343, e-mail: brinec@avebe.com

## 3 CHEMICAL BASIS OF ALTERNATIVE AGRICULTURE.

Richard Petroski, USDA-ARS, Natl. Center for Agricultural Utilization Research, 1815 N. University Ave., Peoria, IL 61604, (309) 681-6222, fax (309) 681-6686, e-mail: petrosj@mail.ncaur.usda.gov; Agnes M. Rimando, USDA-ARS, Natural Products Utilization Research Unit, P.O. Box 8048, University, MS 38677-8048, (662) 915-1037, fax (662) 915-1035, e-mail: arimando@asrr.arsusda.gov

## 4 UNCOVERING THE MYSTERIES OF RED WINE PIGMENTS.

# FUTURE PROGRAMS (continued)

Andrew L. Waterhouse, Dept. of Viticulture & Enology, 2015 Wickson Hall, Univ. of California, Davis, CA 95616, (530) 752-4777, fax:(530) 752-0382, e-mail: alwaterhouse@ucdavis.edu

## NEW YORK, NY Sept. 7-11, 2003

### 1 GENERAL PAPERS AND POSTERS.

### 2 FIBER AND DISEASE PREVENTION.

John Weisburger, American Health Foundation, Valhalla, NY 10595-1599, (914) 789-7141, e-mail: John\_Weisburger@NYMC.edu

### 3 FLAVOR RELEASE.

Andy Taylor, Quaker Oats Co., 617 W. Main St., Barrington, IL 60010, e-mail: andy\_taylor@quakeroats.com

### 4 OFF-FLAVORS.

Gary and Terry Reineccius, Univ. of Minnesota, Dept. of Food Science and Nutrition, 1334 Eckles Ave., St. Paul, MN 55108, (612) 624-3201, fax (612) 625-5272, e-mail: garein@che1.che.umn.edu

### 5 PROCESSED SAVORY FLAVORS.

Deepthi Weerasinghe, Firmenich Inc., P.O. Box 5880, Princeton, NJ 08543, (609) 452-1000, fax (609) 452-2997, e-mail: deepthi\_weerasinghe@firmenich.com

## ANAHEIM, CA March 28-April 1, 2004

### 1 GENERAL PAPERS AND POSTERS.

### 2 GRADUATE STUDENT SYMPOSIUM.

Charles Brine, AVEBE America, Inc., Princeton Corporate Center, 4 Independence Way, Princeton, NJ 08450, (609) 520-1400, fax (609) 734-9343, e-mail: brinec@avebe.com

## PHILADELPHIA, PA August 22-26, 2004

### 1 GENERAL PAPERS AND POSTERS.

### 2 ACID-CATALYZED REACTIONS OF FLAVOR COMPOUNDS.

Prashanthi Jella, Coca-Cola Co., P.O. Drawer 1734, Atlanta, GA 30301, (404) 676-3969, fax (404) 676-3656, e-mail: pjella@na.ko.com; Russ Rouseff, Florida Dept. of Citrus, Citrus Research and Education Center, 700 Experiment Station Rd., Lake Alfred, FL 33850, (941) 956-1151 ext 223, fax (941) 956-4631, e-mail: rlr@gnv.ifas.ufl.edu

## Schedule of AGFD meetings in Chicago (Open to Everyone)

Our future symposia will be planned at:

**Flavor Subdivision Meeting**, Monday, August 27, 12 noon

**Functional Foods & Natural Products Subdivision Meeting**, Monday, August 27, 12 noon

Symposia for upcoming national meetings will be scheduled at:

**Future Programs Meeting**, Monday, August 27, 5 p.m.

Committee reports and other Division business will be conducted at:

**Annual Business Meeting**, Wednesday, August 29, 12 noon

All of these meetings will be held at McCormick Place in or near our symposium rooms.

# AGFD NEW WEB SITE

By Colin Ringleib, Webmaster

It is with great excitement that we are launching our division's website on the ACS Membership Server. Prior to this point, the website had been hosted by Cornell University and we are grateful to all those involved in establishing and refining the site. It is hoped that the Internet will serve as a powerful media to distribute information about the division's activities in a rapid and colorful manner.

The current site was developed by Joan Merritt through a contract with the Division and it includes information about Division meetings, awards, history, links and other activities. Please refer to it often and if you have any ideas for improvements, please contact me or any of the division officers.

The new website can be found at the following address:

**<http://membership.acs.org/A/Agfd/>**

Information to be posted can be forwarded to me via e-mail at colin.ringleib@pepsi.com or Colin@ringleib.com. Please submit information in a common electronic format whenever possible. To allow information to be added rapidly, it is hoped that minimal reformatting and editing will be required. Please let me know of any concerns or special requests via e-mail or by phone at 914-742-4622.

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# 2001 AGFD AWARDS

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## Award for Advancement of Application of Agricultural and Food Chemistry

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**Dr. Shin Hasegawa**, USDA-ARS/WRRC has been chosen to receive the 2001 Award for Advancement of Application of Agricultural and Food Chemistry. This prestigious Award, which consists of \$3000, an inscribed plaque and meeting travel expenses, is sponsored by International Flavors and Fragrances and administered by the Agricultural and Food Chemistry Division of ACS. It will be presented to Dr. Hasegawa at the AGFD Awards Banquet in August during the 222nd National ACS Meeting in Chicago, IL.

Dr. Hasegawa's impressive and creative USDA career has spanned more than 30 years and resulted in over 150 publications, 8 patents, 17 book chapters and 139 abstracts. International recognition of scientific standing is witnessed by his collaborative research efforts with 11 institutes, 6 foreign, numerous invited papers at national and international meetings and invited lectures/seminars at universities and in industry and many consultation requests from domestic and multinational companies and research organizations.

Particularly notable is his pioneering research in limonoid biochemistry and his role in establishing this entire field in our knowledge of limonoids. He has isolated 80 new compounds, discovered 25 new enzymes and elucidated 12 new metabolic pathways. He established how limonoids are biosynthesized and stored in citrus and discovered the citrus limonoid glucosides. Dr Hasegawa also characterized the pathway of naringin, the citrus bitter flavonoid, discovered the limonoid debittering process mechanism and identified 3 target specific enzymes to modify the citrus genome for solving the bitterness problem. He contributed to the discovery of the confirmed anticancer activity of limonoids in animals and humans for which he is widely recognized in the scientific community and food industry.

The officers and membership of AGFD congratulate Dr. Hasegawa on his selection for this prestigious award.

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## Distinguished Service Awards

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**Drs. David J. Armstrong** and **Richard J. Petroski** will receive the 2001 AGFD Distinguished Service Awards. They will receive their awards at the AGFD Awards Banquet in Chicago, IL in August during the 222th ACS National Meeting. The award recognizes outstanding service to the Division in such capacities as divisional and sub-divisional officers, committee memberships and chairs, councilor and alternate councilor, AGFD representative to ACS committees, organizer of workshops and symposia, etc. It is through the sustained work of AGFD members such as these that the Division has continued to grow, prosper and serve the membership in the superior manner that has been repeatedly recognized by ACS. The officers and membership of AGFD congratulate them on this deserved honor.

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## Donald A. Withycombe Graduate Fellowship in Food Chemistry

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**Áslaug Högnadóttir**, Dept. of Food Science and Human Nutrition, University of Florida has been chosen to receive the 2001 Donald A. Withycombe Graduate Fellowship in Food Chemistry. He is pursuing his degree under Prof. Russell L. Rouseff.

This award, sponsored by the Division of Agricultural and Food Chemistry annually, consists of a one-time fellowship of \$2500. It is designed to support and encourage graduate students displaying outstanding potential early in their program.

The officers and membership of AGFD congratulate him on his selection for this honor.

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## George Charalambous Fellowship

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**Katherine Kittel**, Cornell University has won the 2001 George Charalambous Fellowship. She is a graduate student pursuing a Ph.D. degree under Prof. Terry Acree.

This award, sponsored by the Division of Agricultural and Food Chemistry annually, was given in

## 2001 AGFD AWARDS (continued)

honor of the late Dr. George Charalambous for the first time in 1998. It consists of a one-time fellowship of \$2500. It is designed to support and encourage graduate students displaying outstanding potential early in their program.

The officers and membership of AGFD congratulate Ms. Kittel on her selection for this honor.

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### Award for Excellence in Graduate Research in Agricultural or Food Chemistry

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The recipient of the 2001 AGFD Award for Excellence in Graduate Research in Agricultural or Food Chemistry is , **S.P. Janaka Namal Senanayake**, Memorial University of Newfoundland. He presented his award-winning research in a paper, "Enzymatic Synthesis of Structured Lipids Containing  $\gamma$ -Linolenic Acid and  $\omega$ -3 Poly-unsaturated Fatty Acids" as part of the AGFD Graduate Candidate Symposium during the 221st National ACS Meeting in San Diego in April.

He was given a \$750 cash award and her travel expenses to San Francisco were reimbursed. He will also receive a plaque in recognition of this award. AGFD congratulates his for this noteworthy achievement and trusts this recognition will stimulate continued high caliber research in the future.

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### Award for Excellence in Undergraduate Research in Agricultural or Food Chemistry

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The 2001 AGFD Award for Excellence in Undergraduate Research in Agricultural or Food Chemistry will be presented to **April M. Elston**, University of Florida-Citrus Research and Education Center.

Ms. Elston is being recognized for her research work which will be presented in a paper entitled, "Identification of Aroma Active Compounds in Bulgarian Rose Oil Utilizing Gas Chromatography-Olfactometry", at the Fall ACS Meeting in Chicago, IL.

The Awards consisting of \$250, a plaque plus travel expenses to attend the meeting and present her paper, will be presented at the AGFD awards banquet during the 222nd National ACS Meeting in Chicago, IL in August. AGFD congratulates her on excellent research and hopes the award will encourage her to go forward with graduate work in her chosen fields.

### Division of Agricultural and Food Chemistry Announces The Fellow Award

The Fellow Award will be presented to members of the Division of Agricultural and Food Chemistry who have made outstanding scientific contributions to the field of agricultural and food chemistry. The award is to recognize outstanding research which has been reported in peer refereed journals such as the *Journal of Agricultural and Food Chemistry* and through presentations at annual (Division) meetings.

The awardee must be a member of the American Chemical Society and of the Agricultural and Food Chemistry Division for at least the last five years. The award recognizes the application of chemistry to improve the supply, safety and/or quality of food and agricultural products. A significant portion of the candidate's research should have been reported in ACS journals and/or at Divisional symposia.

#### HOW TO NOMINATE A CANDIDATE:

A letter of nomination, a brief summary of the nominee's research, a brief curriculum vitae, certification that the nominee is a member of the AGFD and ACS, and an up-to-date publication list of the nominee should be submitted to the evaluation committee. Previous FELLOW awardees are strongly encouraged to nominate candidates for the FELLOW award. The successful nominees will be announced at the spring meeting of ACS. The award will be presented at the banquet at the fall meeting. Please send your nominations to: Dr. John R. Whitaker, Chair of the Evaluation Committee, Dept. of Food Science & Technology, University of California, One Shields Avenue, Davis, CA 95616 no later than February 15, 2002.

# AGFD OFFICERS AND COMMITTEE MEMBERS FOR 2001

## **Chair**

*Serves a 1-year term. Presides over Divisional meetings, appoints committees, and serves as Program Chair for the ACS Spring Meeting.*

Michael Tunick  
USDA-ARS  
Eastern Regional Research Center  
600 E. Mermaid Ln.  
Wyndmoor, PA 19038  
215-233-6454, mtunick@arserrc.gov

## **Chair-Elect**

*Serves a 1-year term. Substitutes for the Chair when necessary and serves as Program Chair for the ACS Fall Meeting.*

Fereidoon Shahidi  
Memorial University of Newfoundland  
St. John's, NF A1B 3X9  
709-737-8552, fshahidi@morgan.ucs.mun.ca

## **Vice-Chair**

*Serves a 1-year term. Assists the Chair-Elect in developing future technical programs.*

Carl Frey  
Givaudan  
Merry Lane  
East Hanover, NJ 07936  
973-463-8115, carl.frey@givaudan.com

## **Secretary**

*Responsible for Division correspondence and meeting minutes.*

Sara Risch  
Science by Design  
505 N. Lake Shore Dr.  
Chicago, IL 60611  
312-467-1067, sjrisch@aol.com

## **Treasurer**

*Responsible for Division financial matters.*

Cynthia Mussinan  
International Flavors and Fragrances R&D  
1515 Hwy. 36  
Union Beach, NJ 07735  
732-335-2401, cynthia.mussinan@iff.com

## **Cornucopia Editor**

*Edits the Division newsletter.*

Charles Cantrell

USDA-ARS  
National Center for Agricultural Utilization Research  
1815 N. University St.  
Peoria, IL 61604  
309-681-6349, cantrellc@mail.ncaur.usda.gov

## **Councilors**

*Serve 3-year terms on ACS Council, representing the Division.*

Sara Risch (thru 01), sjrisch@aol.com  
John Finley (thru 02), jfinley@kraft.com  
John Whitaker (thru 02), jrwhitaker@ucdavis.edu  
Marshall Phillips (thru 03), jafcaed@p3.net

## **Alternate Councilors**

*Serve 3-year terms, substituting for Councilors unable to attend Council meetings.*

Glenn Fuller (thru 02), GlennFull@aol.com  
George Takeoka (thru 02), grt@pw.usda.gov  
Wally Yokoyama (thru 02), wally@pw.usda.gov  
Charles Brine (thru 03), brinec@avebe.com

## **At-Large Executive Committee Members**

*Serve 3-year terms as part of the Division's management team.*

Terry Acree (thru 01), tea2@cornell.edu  
Harold Pattee (thru 01), pattee@eos.ncsu.edu  
Robert McGorrin (thru 02), mcgorrin@ava.bcc.orst.edu  
Deborah Roberts (thru 02), Deborah.Roberts@rdls.nestle.com

## **Awards Committee**

### *Chair*

Stephen Nagy, snagy@citrus.state.fl.us

### *Student Awards*

Chi-Tang Ho, ho@aesop.rutgers.edu

### *Fellow Awards*

John Whitaker, jrwhitaker@ucdavis.edu

### *Awards Canvassing*

Lauren Jackson, lsj@cfsan.fda.gov  
Roger McFeeters, rfm@unity.ncsu.edu

## 2001 AGFD OFFICERS AND COMMITTEE MEMBERS (continued)

### **Cornucopia Advertising**

*Coordinates advertising in the Division newsletter.*  
Kathy Aji, AjiK@nabisco.com

### **Directory**

*Maintains the directory of Division members.*  
Robert McGorin, mcgorin@ava.bcc.orst.edu

### **Finance**

*1-year term, served by the Immediate Past Chair.*  
*Monitors the Division's financial activities.*  
Michael Morello, Mike\_Morello@quakeroats.com

### **Hospitality**

*Organizes the Spring Reception and Fall Banquet.*  
Charles Brine, brinec@avebe.com

### **Membership**

*Responsible for recruitment and retention of Division members.*  
Lucy Yu, yu@cahs.colostate.edu

### **Nominations**

*1-year term, served by the Immediate Past Chair.*  
*Develops slate of candidates for offices.*  
Michael Morello, Mike\_Morello@quakeroats.com

### **Publications**

*Explores options for publication of proceedings.*  
Charles Brine, brinec@avebe.com  
Robert McGorin, mcgorin@ava.bcc.orst.edu  
Michael Morello, Mike\_Morello@quakeroats.com  
Marshall Phillips, jafcaed@p3.net

### **Public Relations**

*Publicizes the Division's activities.*  
Charles Brine, brinec@avebe.com  
Susan Ebeler, seebler@ucdavis.edu

### **Web Site**

*Maintains the Division web site.*  
Colin Ringleib, colin.ringleib@pepsi.com

### **Flavor Subdivision**

#### *Chair*

Byron Burros, bcburros@earthlink.net

#### *Chair-Elect*

Prashanthi Jella, pjella@na.ko.com

#### *Vice-Chair*

Deepthi Weerasinghe, deepthi.weerasinghe@firmenich.com

#### *Secretary*

Valerie Barrett, vbarrett@sunkistgrowers.com

#### *2002 Secretary*

Richard Payne, richard\_payne@colpal.com

### **Functional Foods & Natural Products Subdivision**

#### *Chair*

Mark Berhow, berhowma@mail.ncaur.usda.gov

#### *Chair-Elect*

Daniel Solaiman, dsolaiman@arserrc.gov

#### *Vice-Chair*

Agnes Rimando, arimando@asrr.arsusda.gov

#### *Secretary*

Richard Petroski, petrosrj@mail.ncaur.usda.gov

## CORNUCOPIA

**New Material Deadline: December 1, 2001**

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# MUSSINAN'S MEMOIRS

## Making of a Memoir! The San Diego Meeting

Well, I was only going to be there for two days. How am I going to find something memoir-worthy?? I know all of my devoted readers are just sitting at home waiting to read these words in their next Cornucopia. What am I going to say? What could happen in two days? I suppose I could hope for a rolling blackout. If that happened, Charlie was prepared. He had his Imax high intensity flashlight. What that would have done for the rest of the convention center, I had no idea.

I was good on Sunday, i.e. I sat at the Division's table the entire day (except for one paper). I'm not 100% certain of the value of this anymore. There really isn't much to do. We aren't allowed to sell books anymore. I guess they're worried that sales at the hospitality table will exceed those at Oxford. At the end of the day, I dutifully went to the Division's executive committee meetings and participated in the \$25 pizza! This, as it happened, changed everything. Who did I bump into, but Marlene McGorin. The first words out of her mouth were, "We're going to Tijuana tomorrow." What could I say? I had no choice. Why? Because Marlene wanted a "DOUBLE IGUANA POT!" Do any of you remember this? Look back all you Cornucopia collectors. One of my earliest memoirs involved the last San Diego meeting when Dick Scanlan and I went to Tijuana. It was at that meeting that we found and Dick purchased the famous Double Iguana Pot. That's not all we purchased. In fact, I'm surprised there was anything left in Tijuana to purchase. Anyway, after I said I'd go with her, Marlene said she would ask Bob to come also. He could protect us. I'm not sure what she wanted to be protected from. I think the truth is that she wanted Bob to carry the pot. If you recall, this pot is about 3 feet high and weighs a ton!

So, bright and early Monday morning, the three of us took the trolley to San Ysidro and walked across to Tijuana. It was quite similar to the last time I was there. This time, I had no problem finding the fake Mont Blanc pens. In fact, we bought 4 of them. I gave one to Marshall Phillips, our distinguished councilor. He had previously trained me in the fine art of fake Mont Blanc pen buying, i.e. it has the snow cap on it; it's a roller ball; it says Mont Blanc on it; and (I added this one) it writes!! After that, Bob and I decided to buy some Cuban cigars. He wanted these for his 102 year-old grandfather, and I wanted them for my friend Don. Between the three of us, we know absolutely nothing about cigars. Nevertheless, we did a nifty price negotiation. We were only interested in those in the little plastic tubes, thinking that they might be less dried out. Of course, they probably sat around for 10 years before they put them in the tubes, but... who knows? Anyway, we finally went to a store that had an entire room full of cigars. We didn't get the little tube ones, but the guy insisted that the ones we were looking at were very popular and cost \$35 a piece in the US. What do I know? I did smell them though. Smelled perfectly awful to me, so I bought two of them. I'll just have to see what Don says about them.

So, back to the pot. Despite a diligent search, we were unable to uncover a second Double Iguana Pot. Dick, I think you got the only one. The best thing that happened is that I managed to resist buying the 3 foot Winnie-the-Pooh bank! I was close. It was only \$6. However, it was some kind of plaster or ceramic and weighed a ton. It would have been fine for Bob to carry it back to San Diego, but how was I going to get it to New Jersey. It would have cost 3 times the price to ship it, and it probably would have arrived in pieces. I settled for a small one which is right now reposing between my feet on the airplane.

Gotta go write a paper now (a science one!)

## **ELECTION OF DIVISION COUNCILORS**

Please mark the ballot below, if you are a full member (affiliate members are not entitled to vote), **SIGN IN THE SPACE PROVIDED ON THE OTHER SIDE OF THIS SHEET**, and also sign or print your name legibly. Fold paper inward on the lines, tape or staple it closed, affix postage, and mail the ballot promptly.

**BALLOTS MUST BE RECEIVED BY October 1, 2001**

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**VOTE FOR ONE COUNCILOR FOR THE TERM 2002 – 2004**

Sara J. Risch, Ph.D.

Write in: \_\_\_\_\_

Sara J. Risch, current councilor whose term expires 2001, is up for re-election

---

**Note: After membership verification upon receipt of this form, the signature/name area will be cut off before this is opened for counting**

**AFFIX  
STAMP**

---

**Member's Signature**

**Member's Printed  
Name**

**TO: Michael J. Morello  
The Quaker Oats Company  
617 West Main Street  
Barrington, IL 60010**

## NOTES FROM THE ACS NATIONAL MEETING

1	2	3		4	5	6		7	8	9	10			
11			12					13	14	15				
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**ACROSS**

- |                         |                              |                                            |
|-------------------------|------------------------------|--------------------------------------------|
| 1 L.A. Univ.            | 43 elect. display            | 3 navy rank                                |
| 4 bricklayer's tool     | 44 covert observer           | 4 'Oxygen' creator, w/14 down              |
| 7 necklace unit         | 45 weathermap word           | 5 element 76                               |
| 11 assume               | 47 '___ a Man', Winwood opus | 6 red ink entry                            |
| 13 supplements          | 48 towel choice              | 7 lightest IIA element                     |
| 16 geometer's quest     | 49 some Cartesian unknowns   | 8 some hydroxy ketones                     |
| 17 movie hound          | 50 CA community, with 'La'   | 9 summer coolers                           |
| 19 big lexicon          | 52 enteric bacterium         | 10 father                                  |
| 20 weathermap word      | 54 state of Chicago          | 12 Adriatic feeder                         |
| 22 sins                 | 57 very, in music            | 13 indefinite article                      |
| 24 chemist's charts     | 58 Stallone flick            | 14 see 4 down                              |
| 29 tropical vine        | 59 not me                    | 15 couch                                   |
| 30 plumber alternative  | 60 S curves                  | 18 wear away                               |
| 31 ___ Eliot            | 62 NHL's Black ___           | 21 elemental analysis instr.               |
| 33 commicat. giant      | 67 sadden                    | 23 in tic-tac-toe, if you're<br>X then ___ |
| 34 periodically near Mo | 69 polypeptide               | 24 elegant                                 |
| 36 some MIT grads       | 71 cancel                    | 25 basketball footwear                     |
| 37 seafood choice       | 72 ___ soda                  | 26 shabby                                  |
| 38 dipsomaniac          | 73 'endo' antonym            | 27 switch option                           |
| 39 knob                 | <b>DOWN</b>                  | 28 western writer                          |
| 41 designer initls.     | 1 drug compendium            | 31 excite                                  |
|                         | 2 Big ___                    | 32 attends in place of,<br>with 'for'      |
|                         |                              | 35 UGA students                            |
|                         |                              | 37 'Bless You' preceder                    |
|                         |                              | 40 machete                                 |
|                         |                              | 42 peppermint component                    |
|                         |                              | 46 luft_____                               |
|                         |                              | 50 Asian airline                           |
|                         |                              | 51 ballet position                         |
|                         |                              | 53 milliliter                              |
|                         |                              | 54 jeweler's aid                           |
|                         |                              | 55 shpeaks imperfectly                     |
|                         |                              | 56 exists                                  |
|                         |                              | 57 champagne vintner                       |
|                         |                              | 59 football stat.                          |
|                         |                              | 61 element of a genius                     |
|                         |                              | 63 heaviest halogen                        |
|                         |                              | 64 little                                  |
|                         |                              | 65 cornpuff breakfast                      |
|                         |                              | 66 ___ - Cat                               |
|                         |                              | 68 hwy.                                    |
|                         |                              | 70 dormitory supervisor                    |

A prize to the first solved puzzle sent to:  
Carl Frey, Givaudan Flavors Corp., Merry Lane, East Hanover NJ 07936