Northern California Institute of Food Technologists
& UC Davis Food Tech Club

ANNUAL MEETING
STUDENT RECOGNITION BANQUET

GUEST SPEAKER:
Chris Davis, Ph.D., Research Fellow, Impossible Foods

DATE & LOCATION:
Thursday, March 14, 2019
UC Davis Conference Center

foodscience.ucdavis.edu
Department of Food Science and Technology
Faculty and Programs

**Food Biotechnology and Molecular Biology**
Daniela Barile, Bruce German, Juliana De Moura Bell, David Mills, Glenn Young

**Microbial Food Safety and Quality**
Linda Harris, Maria Marco, David Mills, Carolyn Slupsky, Glenn Young, Luxin Wang

**Nutrition and Toxicology**
Bruce German, Alyson Mitchell, Carolyn Slupsky, Carl Winter

**Brewing**
Charles Bamforth

**Sensory Science**
Jean-Xavier Guinard

**Properties of Foods**
Selina Wang, Daniela Barile, Stephanie Dungan, Bruce German, Alyson Mitchell, Nitin Nitin, Moshe Rosenberg, Ameer Taha

**Food Engineering / Physical Chemistry / Technology**
Daniela Barile, Gail Bornhorst, Stephanie Dungan, Nitin Nitin, Moshe Rosenberg, Christopher Simmons, Ned Spang, Ameer Taha

**Consumer Sciences and Issues**
Charlotte Biltekoff, Jean-Xavier Guinard, Carl Winter

**Pedagogy and Evaluation**
Bwalya Lungu

**Associated Programs**
*California Institute of Food and Agricultural Research*
Sharon Shoemaker (530-752-2922)

*Foods for Health*
Bruce German (530-752-1486)

*FoodSafe Program*
Carl Winter (530-752-2647)

*Robert Mondavi Institute for Wine and Food Science*
Andrew Waterhouse, Director, (530-754-6349) rmi.ucdavis.edu
Program

2:30-4:30 p.m.
4:00-5:30 p.m.
5:00-6:00 p.m.
6:00-8:00 p.m.

FOOD INDUSTRY FAIR
RESEARCH POSTER PRESENTATION
NETWORKING RECEPTION
DINNER

Guest Welcome
Student Presentation
Scholarship Recognition
NCIFT/Cruess Award Presentation
Christine M. Bruhn Presentation
John C. Bruhn Presentation

Guest Speaker:
“Meat from Plants”
Chris Davis, Ph.D.
Research Fellow, Impossible Foods

Chris Davis is a Research Fellow in Impossible Foods’ research and development labs with a focus on long term research and alliances. Before joining Impossible, Chris was a scientific founding member of Codexis, Inc., where he held a variety of technical leadership positions engineering proteins and strains. He is an inventor on 24 U.S. Patents. Chris holds a B.S. in Chemistry and Biochemistry from the University of Southampton, and a D.Phil. in Organic Chemistry from Oxford University.
Scholarship Winners

**The Charles and Sharon Shoemaker International Graduate Student Award**
- Ji Yoon Yi

**The NCIFT Cruess Scholarship**
- Klay Liu
- Gary Adrian
- Matthew Poon
- Marcella Salim
- Elizabeth Robin Nojima
- Jeremy Chuardy
- Susannah Smith
- Madison Dosh
- Haley Fang
- Gerald Malvin
- Helen Limanto
- Zhuosheng Liu
- Riley Graham

**The George Marsh Scholarship**
- Hanna Louvau
- Sara Yeager
- Katerina Roth

**The Christine M. Bruhn Award In Consumer Food Science**
- Andrew Cotter

**The John C. Bruhn Dairy Foods Scholarship**
- Madison Dosh

**The Min Ahn Food Science Endowment For Graduate Support**
- Aidong Wang

**The Margrit Mondavi Fellowship**
- Aidong Wang
- Cory Marx

**The Ralph M. Pinkerton Agricultural Marketing Graduate Award**
- Tyler Simons
- Tiffany Wiriaphanich

**The Jacqueline Beckley and Leslie Herzog Scholarship**
- Aidong Wang

**The Victor Chu University Fellowship**
- Sierra Durham
- Nicholas Reitz
- Derrick Risner
- Sidney Thomas

**The Rose Drake Award**
- Alan Zhi Qiang
- Alondra Ochoa
- Megha Ramesh
- Yutong Xiao
The Food Science Leadership Board Scholarship
  Katherine Uhl
  Cory Marx

The Fresh Express Graduate Award
  Christopher McNeil
  Zhengyao Xue
  Lauren Crawford

The James and Marilyn Lugg Graduate Student Award
  Christopher McNeil
  Zhengyao Xue
  Lauren Crawford

Chao L. Hsia Memorial Fellowship
  Andrea Tam

The Erika and Walter Jennings Graduate Student Fellowship
  Erin Ford
  Edward O’Neill

The Lagunitas Foundation Award
  Taylor Valerga

The Sherman Leonard Memorial Student Fund
  Andrea Tam
  Jessica Hallstrom

The Bor Luh Memorial Fellowship
  Aidong Wang
  Jeremia Halim
  Zhichao Zhang
  Juan Polari
  Yu Hasegawa

The Emil Mrak Memorial Scholarship
  Klay Liu
  Elizabeth Robin Nojima
  Matthew Poon
  Lik Xian Lim
  Zhuotong Liao
  Jeremy Chuardy
  Riley Graham
  Katrina Fernandez

The Howard Schutz Graduate Student Fellowship
  Mackenzie Batali

The Julie Heil Scholarship
  Gary Adrian

The Pacific Coast Producers Graduate Student Fellowship
  Diane Fang Dou
  Erick Falcao De Oliveira
  Ji Yoon Yi

The Cecil F. Pinney and Martha C. Pinney Trust Award
  Gary Adrian
  Klay Liu

The Bernard S. Schweigert and Alta G. Schweigert Scholarship
  Jeremia Halim
  Zhichao Zhang
  Tyler Simons
  Juan Polari
  Jessica Hallstrom
  Mackenzie Batali
  Ming Yin Kwong
  Rachel Lombardi
  Juliano Toniato
RECIPIENTS
Scholarship & Award Descriptions

THE NCIFT CRUESS SCHOLARSHIP

This award was established by the Northern California Institute of Food Technologists in honor of late Professor of Food Science and Technology, William Vere Cruess, through a trust fund established by Marie Cruess. Prof. Cruess was a pioneer in the production of fruit juice beverages, concentrates, and syrups.

THE CHRISTINE M. BRUHN AWARD IN CONSUMER FOOD SCIENCE

This award supports an undergraduate student interested in consumer food science or a graduate student conducting research in consumer attitudes and behavior concerning food choice. This endowed award was established by family and friends to honor Dr. Bruhn’s contributions to research on consumer issues in food safety and quality.

THE JOHN C. BRUHN DAIRY FOODS SCHOLARSHIP

This scholarship is named in honor of John C. Bruhn, PhD, who served as a Dairy Foods Processing Specialist with Cooperative Extension in Food Science and Technology. It is awarded to an undergraduate or Master’s student with an interest in the dairy foods industry.

THE MIN AHN FOOD SCIENCE ENDOWMENT FOR GRADUATE SUPPORT

This award was established by a former student to support graduate students studying Food Science & Technology.

THE JACQUELINE HERBERT BECKLEY AND LESLIE J. HERZOG FELLOWSHIP

The Jacqueline Herbert Beckley and Leslie J. Herzog Fellowship was created by food science alumna Jacqueline Herbert Beckley and her husband, Leslie J. Herzog, as part of the Campaign for UC Davis. The fellowship is in recognition of the excellence of the Food Science program at UC Davis and of its students.

THE VICTOR CHU UNIVERSITY FELLOWSHIP

This fellowship was established by the late scientist and entrepreneur Victor Chu, who emigrated from Shanghai and Hong Kong in 1965, and received his M.S. and Ph.D. from UC Davis, in Food Science and in Agricultural & Environmental
Chemistry respectively. He worked exceptionally hard to fund his education, and hoped to make the path easier for those coming after him.

THE ROSE DRAKE AWARD

This award was made possible by Douglas Drake in honor of his mother, Rose Drake, who was involved in the California frozen food industry and also attended UC Davis. Mr. Drake is a graduate of the Department of Food Science and Technology at UC Davis and is now an attorney in Sacramento.

THE FOOD SCIENCE LEADERSHIP BOARD SCHOLARSHIP

The Food Science Leadership Board is composed of alumni and friends of the department from throughout the food industry. It provides the department ideas on how to best meet the needs of industry through an engaged teaching, research and outreach agenda. The Food Science & Technology Leadership Board Award was established by the members of the Leadership Board to support students.

THE FRESH EXPRESS GRADUATE AWARD

The Fresh Express Award is given to support a graduate student in the Food Science Graduate Group.

THE JAMES AND MARILYN LUGG GRADUATE STUDENT AWARD

This award is given annually to provide support to a student in the Food Science Graduate Group.

CHAO L. HSIA MEMORIAL FELLOWSHIP

Chao Hsia received his M.S. in Food Science from UC Davis, and worked for Professor Claypool in Pomology for three years. He made contributions to wine chemistry and anthocyanin pigments in free stone peaches. The fellowship is used to help graduate students majoring in Food Science.

THE JULIE HEIL SCHOLARSHIP

This scholarship is named in honor of Julianna Heil, a UC Davis Food Science alumna and retired staff research associate.

THE ERIKA AND WALTER JENNINGS GRADUATE STUDENT FELLOWSHIP

This fellowship was established to support graduate education through the Department of Food Science and Technology, and support graduate students who do research in the department.

THE LAGUNITAS FOUNDATION AWARD

This scholarship is awarded to the student winner of the annual Iron Brew competition.
THE SHERMAN LEONARD MEMORIAL STUDENT FUND

Sherman Leonard was a food technologist in the department. He devoted his life work to preserving perishable foods, improving their availability and quality.

THE BOR LUH MEMORIAL FELLOWSHIP

Professor Luh came to California from China as a student at UC Berkeley in the late 1940’s, and joined our Department in 1952. He was particularly helpful to international students, and after he passed away in 2001, this scholarship was established to assist students from other countries.

THE GEORGE MARSH SCHOLARSHIP

Professor Marsh was one of the first faculty members in the Department. He was an authority on fruit and vegetable processing, and winemaking, and was a charter member of the Institute of Food Technologists. Established 1994 from numerous donors.

THE MARGRIT MONDAVI SCHOLARSHIP AND FELLOWSHIP

The Margrit Mondavi Scholarship and Fellowship Fund was made possible by a generous donation from the late philanthropist Margrit Mondavi, to benefit students in the departments associated with the Robert Mondavi Institute.

THE EMIL MRAK MEMORIAL SCHOLARSHIP

Emil M. Mrak came to Davis in 1951 to serve as Chair of the Department of Food Science and Technology and was internationally known for his work on the preservation of foods and the biology of yeasts. He was Chancellor at Davis from 1959 to 1969 and presided over a tremendous period of campus growth. At the time of his death in 1987, friends and associates established this scholarship to honor his memory. It is restricted to students studying in the field of food science and technology.

THE PACIFIC COAST PRODUCERS GRADUATE STUDENT FELLOWSHIP

Established in 2012, this award is given annually to a graduate student studying food processing. The scholarship is made possible through a donation by the Pacific Coast Producers Association.

THE RALPH M. PINKERTON AGRICULTURAL MARKETING GRADUATE AWARD

This award was established by family, colleagues and friends, to honor the legacy of Ralph Pinkerton, Founding President of the California Avocado Commission, a marketing genius who brought California avocados to national prominence through nutritional awareness, co-branding, mass advertising, and other pioneering marketing strategies.
THE CECIL F. AND MARTHA C. PINNEY TRUST AWARD

This award is the result of an endowment created from a gift from the Cecil F. and Martha C. Pinney Trust to the Food Tech Club. The club elected to grant this award to active members who also achieve academic excellence.

THE HOWARD SCHUTZ GRADUATE STUDENT FELLOWSHIP

The Howard Schutz Graduate student Fellowship was established to support graduate students in the field of consumer food science.

THE BERNARD S. AND ALTA G. SCHWEIGERT SCHOLARSHIP

Bernard Schweigert joined the faculty of the Department of Food Science and Technology and served as Department Chair from 1970 to 1988. Dr. Schweigert was instrumental in establishing the Department’s Ph.D. program, was a pioneer in the study of irradiation to preserve the nutritive value of foods, and was noted for his efforts to improve the quality of the world food supply. Colleagues of Dr. Schweigert established this scholarship in conjunction with a symposium to mark the conclusion of his service as Chairperson and in memory of his wife, Alta. Dr. Schweigert passed away in 1989. The scholarship is restricted to students majoring in Food Science or Food Biochemistry who have shown leadership in addition to academic achievement.

STUDENT FINANCIAL AID SCHOLARSHIPS

These scholarships are made possible through the generous donations made online by numerous Department supporters and visitors.

THE CHARLES AND SHARON SHOEMAKER INTERNATIONAL GRADUATE STUDENT SUPPORT AWARD

The Charles and Sharon Shoemaker International Graduate Student Support Award was established in 2011 to annually recognize one or more outstanding international students enrolled in the Food Science Graduate Group and with a research advisor in the Department of Food Science and Technology.
The above donors have contributed for the 2018-19 academic year to the UC Davis Food Science Student Educational Enhancement Fund. This fund was established to support students’ participation in networking and experiential learning opportunities, such as this banquet. If you would like to be featured as a donor in next year’s program, please visit: give.ucdavis.edu/AFST/FSENHNC.

The Institute of Food Technologists is a vibrant community that has been shaping the discourse on food science and technology for more than 70 years. Individuals who are active in any aspect of the food profession and are interested in supporting IFT’s objectives are invited to join our organization. The Northern California Section and the Central Valley Subsection are working together with the National IFT to ensure that we deliver a global and local experience for all members. Membership benefits include full access to NCIFT and IFT resources on-demand webcasts, Annual registration discounts, and access to the IFT Salary Survey. IFT Membership dues are a solid career investment. No other organization has IFT’s ability to advance the science of food or to advance the careers of professionals like you. Annual professional membership dues of $190 are based on a 12-month period and include an annual subscription to Food Technology magazine as well as NCIFT’s quarterly Hornblower magazine. Contact the NCIFT membership chair directly for further questions.

Both the UC Davis Internship and Career Center and the Department of Food Science and Technology are eager to help you find qualified students to fill your internships or career positions.

Vacancies can be posted to icc.ucdavis.edu/employer

Questions? Contact Holly Ly (hhly@ucdavis.edu)