

UC DAVIS

FOOD SCIENCE AND TECHNOLOGY



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 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

Rachel Lombardi

Taylor Reiter

Tiffany Wiriyaphanich

Katherine Uhl

Ann-Dorie Webley

Yu Hasegawa

The George Marsh Scholarship

Hanna Louvau

Sara Yeager

Katerina Roth

The Ralph M. Pinkerton Agricultural Marketing Graduate Award

Tyler Simons

Tiffany Wiriyaphanich

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



Aidong
Wang



Andrew
Cotter



Mackenzie
Batali



Cory
Marx



Diane Fang
Dou



Sierra
Durham



Erick Falcao
De Oliveira



Erin
Ford



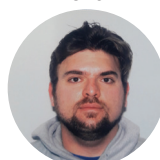
Jeremia
Halim



Jessica
Hallstrom



Yu
Hasegawa



Juliano
Toniato



Junai
Gan



Lauren
Crawford



Ming Yin
Kwong



Edward
O'Neill



Juan
Polari



Rachel
Lombardi



Taylor
Reiter



Nicholas
Reitz



Derek
Risner



Andrea
Tam



Sidney
Thomas



Tiffany
Wiriaphanich



Christopher
McNeil



Katherine
Uhl



Ann-Dorie
Webley



Zhengyao
Xue



Ji Yoon
Yi



Zhichao
Zhang



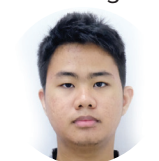
Tyler
Simons



Gary
Adrian



Hanna
Louvau



Jeremy
Chuardy



Katerina
Roth



Katrina
Fernandez



Klay
Liu



Lik Xiam
Lim



Madison
Dosh



Matthew
Poon



Riley
Graham



Sara
Yeager



Zhuotong
Liao



Elizabeth
Robin Nojima



Zhuosheng
Liu



Yutong
Xiao



Taylor
Valerga



Marcella
Salim

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.

2019 Donors & Supporters



John & Christine Bruhn	Sharon & Charles Shoemaker
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Linda J. Harris	Pamela & Raymond Tom
Mattson*	Luxin Wang
John Miles	Lester Wilson
David Mills & Kyria Boundy-Mills	Pepipa Yue & Eduardo Serguienko
Ms. Noriko Misawa	

* Indicates donations in 2018 and 2019

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/FSEHNHC.

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 (hly@ucdavis.edu)

