


## Dr. Harold Macy



 Dr. Macy's academic career began in 1919 as an assistant professor of dairy bacteriology at the U of MN. Over the next 44 years, he moved up through the ranks and completed his campus tenure as dean of what was then the Institute of Agriculture, Forestry, and Home Economics.

Dean Harold Macy, "Jo" to those who knew him, had a long and illustrious career in the food industry. His first and most extensive association focused on interests in dairy science, and his professional activity in dairy husbandry, processing and bacteriology, and later in food technology, spanned over 50 years. Jo Macy was involved in the formulation and writing of some of the first public health regulations for milk and other dairy products, to assure their safety and wholesomeness. Among his most notable achievements in technology transfer was the establishment in 1936 of the Dairy Quality Control Institute (DQCI). For many years DQCI oversaw the quality of milk marketed in the Twin Cities metropolitan area, and included an analytical laboratory that was highly respected nationally. He was also involved in the original founding of the American Dairy Association and the Dairy Council, which was one of the dairy industry's most precious accomplishments.

Dr. Harold Macy, Dean Emeritus of the Institute of Agriculture at the University of Minnesota and Founding Member of IFT, died in 1986 at the age of 91. It is thus entirely fitting that a Minnesota IFT Section award emphasizing technology transfer among academia, government, and private industry should be given in his honor.



## Macy Award Committee

Thomas Aurand, Consultant, Chair  
Sharon Herzog, Country Choice Organic  
Mary Schmidl, University of Minnesota  
Segolene Leclercq, Firmenich, Inc.  
Theodore Labuza, University of Minnesota  
John McDonald, Land O' Lakes

## Prior Award Recipients

1981 - Harold Macy	1998 - Richard Lechowic
1982 - E.M. "Mike" Foster	1999 - W. James Harper
1983 - Gary H. Richardson	2000 - Keith Ito
1984 - Robert Pearl	2001 - Jozef Kokini
1985 - Joseph C. Olson, Jr.	2002 - Stephen L. Taylor
1986 - Norman F. Olson	2003 - Robert J. Price
1987 - Howard E. Bauman	2004 - Richard Linton
1988 - Philip E. Nelson	2005 - David B. Min
1989 - Rose Marie Pangborn	2006 - Gary List
1990 - Arnold E. Denton	2007 - John Surak
1991 - John J. Powers	2008 - Donald Kramer
1992 - Peter Barton Hutt	2009 - Richard W. Hartel
1993 - George E. Inglett	2010 - Kevin M. Keener
1994 - Kenneth R. Swartzel	2011 - Jae W. Park
1995 - James N. BeMiller	2012 - Award Not Given
1996 - Elaine R. Wedral	2013 - Theodore Labuza
1997 - Daniel Y.C. Fung	2014 - Ken Lee

## Appreciation

We express our continued gratitude to those who contributed to the Capital Fund that supports this award:

American Dairy Association of Minnesota  
Associated Milk Producers, Inc.  
Dairy Food and Nutrition Council of Minnesota  
Harold and Rae Macy  
Joseph C. Olson, Jr.  
Land O'Lakes, Inc.  
Mid-American Dairyman, Inc.  
Minnesota Dairy Technology Society  
Minnesota Section IFT



## Harold Macy Food Science & Technology Award

Presented to:

**Dr. Martin Wiedmann**  
Professor and Director of  
Graduate Studies  
Department of Food Science  
Cornell University

**March 17, 2015**  
Embassy Suites-Minneapolis Airport  
Bloomington, MN



## Program Agenda

5:00PM **Social Hour**

---

6:00PM **Dinner Served**

---

7:00PM **Welcome Address**

---

Gary Reineccius, Chair, Minnesota Section of IFT

7:15PM **2015 Award Presentation**

---

Tom Aurand, Chair, Macy Award Committee, Minnesota Section of IFT

7:30PM **Honored Speaker**

---

“Reducing foodborne illness cases through government-industry-academia partnerships: success stories and future challenges” by Dr. Martin Wiedmann

8:15PM **Announcements**

---

## About the Macy Award

The Macy Food Science & Technology Award, “Macy Award”, was established in 1981, and is given annually to recognize an outstanding example of food technology transfer or cooperation between scientists or technologists in any of the following settings: academic, government, and private industry. **The purpose of the award is to advance the profession and practice of food technology and to honor Dr. Harold Macy, Dean Emeritus of the University of Minnesota and Founding Member of IFT.** The award consists of a plaque, \$2500 honorarium and travel expenses. The award recipient is invited to address the Minnesota Section at the annual Macy Award meeting held in Minneapolis.

## 2015 Macy Award Recipient



### Dr. Martin Wiedmann

Professor and Director of Graduate Studies  
Department of Food Science  
Cornell University

The overall goal of Martin's academic research is to develop and communicate the scientific knowledge needed to prevent and control foodborne and zoonotic diseases caused by bacteria. Current work in his laboratory focuses on microorganisms that cause a considerable number of foodborne deaths annually in the US, including *Listeria monocytogenes* and *Salmonella*. With his training as a both a veterinarian and food scientist, Martin's programs focus on a comprehensive and interdisciplinary farm-to-table approach to food safety, involving the application of a variety of disciplines (including microbiology and microbial genetics, population genetics, molecular biology, genomics, evolution and modeling) as well as collaborators from many different discipline (e.g., economics, computer science, veterinary medicine, epidemiology and statistics) and from many different institutions (other universities, state health and agriculture departments, federal agencies such as CDC and USDA, as well as trade organizations).



## Accomplishments



Dr. Wiedmann's research interests focus on farm-to-table food safety and the molecular biology and transmission of foodborne and zoonotic pathogens with a focus on *Listeria monocytogenes* and *Salmonella*. He had far reaching impact in a variety of areas, but most prominently through research and outreach that has internationally accelerated the use of molecular biology and genomics tools in food microbiology and food safety.

He is particularly well known for his work on using molecular biology tools to track sources of *Listeria monocytogenes* food contamination and to improve the detection of human listeriosis outbreaks. His research program is internationally recognized and his team has published > 270 peer reviewed publications, which have been cited >7,700 times; 14 of his publications have been cited  $\geq 100$  times. Martin also has given more than 200 invited presentations. He was a member of the Listeria Outbreak Working Group, which was honored by a USDA Secretary's Award for Superior Service in 2000. He also received the Young Scholars award from the American Dairy Science Association in 2002, the Samuel Cate Prescott Award from the Institute of Food Technologists (IFT) in 2003, the International Life Science Institute North America Future Leaders Award in 2004, and the American Meat Institute Foundation Scientific Achievement Award in 2011. He is a fellow of the Institute of IFT, a fellow of the American Academy of Microbiology (AAM), and a member of the International Academy of Food Science and Technology.

To learn more about Dr. Wiedmann, please go to: <http://foodsafety.foodscience.cornell.edu/people/martin-wiedmann>