1122 attendees gathered to celebrate 100 years of cereal grain science at the Centennial Meeting in Minneapolis, Minnesota, U.S.A.

The meeting kicked off with a fun Opening Centennial Celebration, paying tribute to 100 years of AACC.

“The best forum for a mixture of research and applied topics in cereal science and technology.”

The new meeting format included 3 keynote speakers challenging attendees to see from a variety of perspectives.

38 countries were represented, providing an essential global viewpoint.

“This is the best scientific meeting in the grains industry.”
230+ posters presented innovative cereal grain science research.

“It’s educational and will broaden your view on how much work is put into cereals.”

157 students attended the meeting and 81 registered early for the $100 “throw-back” registration from the AACC Foundation for the centennial, gaining 30 more student members for AACC, 38% of this group were from outside of the U.S.

More than 260 entries were included in the AACC online timeline which was available for attendees to view during the meeting.

Nearly 200 members signed up for division membership.

“...The opportunity to hear an executive VP/chief scientific officer from one of the world’s largest CPG companies present some of his perceptions about the food industry and the future was extremely valuable.”

More than 100 donations were made to the Foundation through registration and during the meeting with $2,700 raised at the booth and $2,000 raised through registration. Thirty students and twenty AACC members volunteered their time to work at the booth.
With an eye to the future, scientific sessions focused on information and research findings that are paving the way for the next 100 years of cereal grain science in areas including biotechnology and sustainability, food safety and regulatory, health and nutrition, and emerging topics.

Centennial Lane featured Bundy Baking Museum displays, and many areas for attendees to connect and learn about membership benefits and opportunities to get involved.

3 all-star grain chefs prepared unique grain-based recipes in the exhibit hall.

Nearly 20 professors either signed up or plan to participate in AACC’s program offering free classroom access to Principles of Cereal Science and Technology.

“IT IS A GREAT MEETING TO LEARN ABOUT CEREAL SCIENCE AND MEET RESEARCHERS IN THE FIELD WHO POTENTIALLY COULD COLLABORATE ON PROJECTS IN YOUR AREA OF WORK.”

Attendees had the chance to meet with authors at our book signing events for Tortillas: Wheat Flour and Corn Products and Gluten-Free Baked Products.

You can still visit aaccnet.org/meet to:
• Watch recorded sessions
• Search abstracts
• Review the program book
Reach the grain science community by reserving a booth at the 2016 Annual Meeting.

Contact:
Debi Maines, CMP-HC
A. Fassano & Company
+1.856.302.0890
debra_maines@AFassanoCo.com
Honor Member Expertise and Contributions

It is a privilege to congratulate AACCI International’s prestigious awardees for 2015. These members have made significant contributions to our cereal grain science community. Awards are given annually and presented during the annual meeting. In recognition of their scientific and technical contributions and their dedication and commitment to the association, we are pleased to honor the following individuals.

**William F. Geddes Memorial Award**

Debi Rogers, obtained her B.S. degree in bakery science and management and her M.B.A. from Kansas State University (KSU) prior to working with and completing her Ph.D. under R. Carl Hoseney. She spent the first 18 years of her career in research between KSU and the American Institute of Baking. Rogers developed “Cereal Science and Technology” as one KSU’s first distance learning courses, and continues to teach today. As adjunct assistant professor at KSU she has served on over 20 graduate committees. Since 1995 she has focused on teaching AIB International’s Bakery Science and Technology course and various seminars. Rogers also manages AIBI’s team of Baking Professionals. She is driven to inspire, educate, and mentor students that come from all walks of life and every corner of the world. She was an honored recipient of the AACCI Excellence in Teaching Award and the Milling and Baking Division’s Myron D. “Mike” Baustian Memorial Award. She has been a member of AACCI for more than 30 years and has served in division and section leadership positions, a variety of technical committees, and as AACCI President in 2012.

**Alsberg-French-Schoch Memorial Lectureship Award**

Kwan Hwa Park is a professor emeritus at Seoul National University in Seoul, Korea, where he has taught for the last 33 years and served as director at the Research Center for New Bio-materials in Agriculture. Park has also served as a member of the Governing Council of the International Union of Food Science and Technology (IUFoST). His research activities include studies on the mechanism and application of various amylases and glucosyl transferases. He has edited two books on carbohydrate-active enzymes and published more than 270 peer-reviewed papers. Currently, he is employed as a visiting professor at the Institute of Food Science and Technology in Fuzhou University, China.

**Thomas Burr Osborne Medal**

Per B.J. Åman is professor emeritus of plant product science in the Department of Food Science, Swedish University of Agricultural Sciences, Uppsala. He was deputy head of the department (1996–2002) and head of the Division of Food Chemistry and Plant Product Science until 2013. He has developed methods for the analyses of dietary fiber components and starch. He has elucidated the structure and properties of different cereal polysaccharides and studied nutritional effects of cell wall–degrading enzymes. He has investigated the health effects of cereal carbohydrates and developed biomarkers for whole grain wheat and rye intake (alkylresorcinols). He has supervised 30 Ph.D. students and published approximately 400 scientific papers.

**AACC International Fellows**

Jonathan W. DeVries, is a retired senior technical manager of Medallion Laboratories of General Mills Inc. He was active in quality-related analytical work for more than 47 years, primarily in nutrition and food safety. He worked for the international standardization of analytical methods through AACCI. DeVries has been active in the AACCI vitamins and dietary fiber technical committees and was the annual meeting program chair for 2008. He received the Edith A. Christensen Award of AACCI and the Harvey W. Wiley Award of AOACI in 2009. DeVries has authored or coauthored more than 80 publications. He has a Ph.D. degree in organic chemistry from the University of Minnesota. DeVries was recently elected chair of the Food Ingredients Expert Committee–Food Chemicals Codex.

Peter Koehler obtained his Ph.D. degree in 1992 from Technische Universität München, Germany, on disulfide bonds of wheat gluten. Currently, he is vice director of the German Research Center for Food Chemistry in Freising, Germany. Koehler is leading a group working on the structure–function relationships of cereal biopolymers. He is conducting studies on celiac disease and on the structure and functional properties of wheat gluten and other cereal proteins, as well as on enzymes and emulsifiers in bread making. He has published more than 100 scientific papers and is teaching food chemistry at Technische Universität München.
Koushik Seetharaman (awarded posthumously) published more than 100 journal papers and 4 book chapters. He advised more than 35 graduate students, of which 10 received doctoral degrees. He obtained a Ph.D. degree from Texas A&M University. He held positions at universities in Iowa, Pennsylvania, Ontario (Canada), and Minnesota. His time at the University of Guelph (Ontario) became his most active and intense time as a teacher and researcher. His research group grew to 40–45 people, from more than 15 countries and all continents. Seetharaman was also very active within the research community. He was the Carbohydrate Division chair for IFT and AACCI; scientific program chair and vice chair for the AACCI annual meetings; and one of the active founders of the AACCI Student Division. In addition, Seetharaman was involved in several international collaborative projects.

Edith Christensen Award for Outstanding Contributions in Analytical Methods

Nancy Ames is a cereal research scientist with Agriculture and Agri-Food Canada. Her primary focus has been the study of oat, barley, and wheat and understanding the factors that affect nutritional value. Ames has contributed significantly in the area of food product development, holds several food product patents, has authored and co-authored more than 60 peer-reviewed publications, and obtained a therapeutic health claim for barley and cholesterol lowering from Health Canada. Ames holds a B.Sc. degree in food science and an M.Sc. degree in plant science from the University of Manitoba and a Ph.D. degree in crop science from the University of Guelph.

Texture Technologies Quality Research Awards

Best Paper Award

Cereal Chem 91(4):406-413

Measurements and Comparison of Glass Transition and Sticky Point Temperatures of Distillers Dried Grains with Solubles (DDGS) with Varying Condensed Distillers Solubles (CDS) and Drying Temperature Levels Corresponding Authors: Kurt A. Rosentrater, Rumela Bhadra, K. Muthukumarappan

Kurt A. Rosentrater is executive director and CEO of the Distillers Grains Technology Council, which is a nonprofit organization dedicated to education and outreach to improve the value and use of distillers grains, which are coproducts from beverage alcohol and fuel ethanol manufacturing. He is also an associate professor in the Department of Agricultural

Best Presentation Award

Kaliramesh Siliveru obtained his B.S. in food science and M.S. in food process engineering from Acharya N. G. Ranga Agricultural University, and Indian Institute of Crop Processing Technology, India, respectively. He is currently a Ph.D. candidate in the Department of Grain Science and Industry, Kansas State University. Prior to pursuing his Ph.D., he was a technical specialist at E. I. DuPont, India in 2012 and a graduate research assistant at University of Manitoba, Canada in 2011. Currently he is working on particle cohesion and development of simulation models for sifting behavior of wheat flours.

Young Scientist Research Award

Laura M. Nyström received her doctoral degree in food chemistry from the University of Helsinki, Finland. After working as a post-doctoral researcher in the group of Cereal Technology in the same university, she was appointed to her current position as tenure-track assistant professor of Food Biochemistry in ETH Zurich (Swiss Federal Institute of Technology, Zurich, Switzerland) in 2009. Current research of Nyström’s group focuses on dietary fibers in cereal grains and associated minor phytochemicals, radical-mediated degradation of polysaccharides, and enzymatic lipid modification. Nyström has published more than 40 original publications, 2 book chapters, and 2 patent applications.

Cecil F. Pinney Travel Awardee

Katharina Scherf is a research scientist at the Deutsche Forschungsanstalt für Lebensmittelchemie, Leibniz Institut (DFA) in the research group of Peter Koehler, in Freising, Germany. She works in the field of gluten analysis in products for celiac disease and wheat-intolerance. She is an active AACCI member and currently serves as vice chair on the Protein Division, vice chair on the AACCI Annual Meeting Program Planning Team for Process Engineering & Chemistry Interactions, and is the co-chair of the Protein & Enzymes Technical Committee. She was the third place awardee of the 2012 AACCI Best Student Research Paper and the recipient of the 2013 Best Oral Paper Award at the Cereals in Europe Meeting.
Protein Division Walter Bushuk Graduate Research Award in Cereal Protein Chemistry

Marlies Lambrecht was born in 1989 in Wilrijk (Belgium). She obtained her master’s degree in bioscience engineering in food technology at KU Leuven. Currently, she works as a doctoral student at the Laboratory of Food Chemistry and Biochemistry at KU Leuven and Leuven Food Science and Nutrition Research Centre (LFoRCe) with research interest in food proteins, their changes and interactions during processing, and their role in food systems. She plans to finish her PhD thesis next year under supervision of Professor Jan Delcour.

Young Professional Awards

Best Student Research Competition
The Best Student Research Competition is held each year at the annual meeting and provides an opportunity for students to interact with the AACCI community at an early stage in their career. The competition recognizes the best research conducted and presented by students, and challenges them to demonstrate superior presentation skills. Finalists are selected from a pool of submitted papers to compete at the meeting. Congratulations to the following 2015 winners and finalists!

Best Student Research Competition Winners
First Place: Maneka Malalgoda, North Dakota State University
Second Place: Derrick Amoako, Texas A&M University
Third Place: Mariana Perez Herrera, University of Alberta

Best Student Research Competition Finalists
Rui Liu, Chinese Academy of Agriculture Sciences
Michael Joseph, Kansas State University - Grain Science and Industry
Tiya Zhou, Kansas State University - Food Science Institute

2015 Student Product Development Competition Finalists
Congratulations to this year’s competition finalists and winners! First place was awarded to the team from Washington State University; second place was awarded to the team from the University of Manitoba; and third place was awarded to the team from California State Polytechnic University, Pomona. Congratulations to the competition finalists from Iowa State University and The Ohio State University. Photos and competition details are available at aaccnet.org/membership/Student Association/PDC.
2015 AACCI Student Travel Grant Awardees by Institution

AACCI understands that students are the future of cereal grain science, and is committed to investing in its student members. This year, 99 students received a travel award to aid in paying their travel expenses for the Centennial Meeting. Congratulations to all awardees!

California State Polytechnic University, Pomona
Julia Isabel Conchas
Ali Hasan
Giselle Hernandez
Rafael Martin del Campo
Tiffany Yang

Central Research Institute for Field Crops
Oguz Acar

CIAD AC
Nina Gisella Heredia-Sandoval

CINVESTAV Qro
Rosa Maria Mariscal Moreno

Graduate School of Life Sciences and Biotechnology
Yixuan Li

Iowa State University
Lei Fang
Tao Fei
John D. Fox
Charlwit Kulchaiyawat
Carson Lilly
Hanyu Yangcheng

Iwate University
Natsumi Ito

Jiangnan University
Hao Zhang

Kansas State University
Orelia E. Dann
Marie Feldpausch
Emily L. Fort
Kaliramesh Siliveru

Karlsruhe Institute of Technology
Rachel R. Schendel
Daniel Wefers

Korea University
Dong-Jin Lee
Hoon Namkung

KU Leuven
Niels De Brier
Lomme J. Deleu

Louisiana State University
Kristen Kramer

Lund University
Hisfazilah Saari

North Dakota State University
Tsoqbayar Baasandorj
Patricia Alejandra Cabas-Luhmann
Lingzhu Deng
Cassandra E. Hillen
Khairunizah Hazila Khalid
Sara Moayedi

Ohio State University
Rarinthorn Thammakulkrajang

Oklahoma State University
Sudhir Kumar Pasupuleti

Oregon State University
Carlos Fajardo

Purdue University
Seda Arioglu Tuncil
Tingting Chen
Fang Fang
Xin Nie
Elizabeth Pletsch
Shrey a N. Sahasrabudhe
Yunus E. Tuncil
Gamze Yazar
Xiaowei Zhang
Yumeng Zhao

South China University of Technology
Xu Chen

Stellenbosch University
Shuaibu Mallam Bala

Suranaree University of Technology
Worawikunya Kiatponglarp

Tecnologico de Monterrey
Fabiola Elizabeth Ayala-Soto
Karina Hernandez Reyes

Texas A&M University
Shima Agah
Audrey L. Girard

Universidad Autonoma de Baja California
Rocio Alejandra Chavez-Santoscoy

Universidad Autonoma de Queretaro
David Santiago-Ramos

Universidade Federal de Santa Catarina
Bruna Mattioni

University of Alberta
Nataly Lopez

University of Arkansas
Kathryn N. Haydon
Sangeeta Mukhopadhyay
Ana Isabel Gonzalez

University of Copenhagen
Domenico Sagnelli

University of Florida
Gayathri Balakrishnan

University of Illinois, Urbana-Champaign
Sun Min Kim
Divya Ramchandran
Pavel Somavat
Zhaoqin Wang

University of Manitoba
Lindsay Boyd
Lisa D. Davies-Hoes
Carly A. Isaac
Ali Salimi Khorshidi
Victoria U. Ndolo
Lovemore Nkhata Malunga
Lan Shi
Yuwei Song
Xinyang Sun
Nasibeh Younessinaki

University of Minnesota
Lisa Garretson
Avi S. Goldstein
Amber Lindgren
Ting Liu
Xin Liu
Enoch T. Quayson
Kelsey Sneddon

University of Nebraska
Sandrayee Brahma
Paridhi Gulati
Franklin Sumargo

University of Nottingham
Ana J. Broegger
Sophie Ann Lee

University of Queensland
Honglei Zhai
Wei Zou

University of Saskatchewan
Chen Huang

University of Valladolid
Mario M. Martinez
Laura Roman

Virginia Tech
Elham Mohammad Zadeh

Washington State University
Ryan J. Kowalski
Jessica C. Murray
Geyang Wu