

Program

Thursday, May 16 (335 Borlaug Hall)

- 3:30 p.m.: Lecture by Shawn Kaepler (University of Wisconsin Madison) with a tribute to Ron Phillips
4:30 p.m.: Reception
5:00 p.m.: Catered dinner, Land O' Lakes Collaboration Center in Borlaug Commons

Friday, May 17 (Cargill Building)

- 8:00 a.m.: Coffee and Speed Mentoring for current students and past award winners

Hayes Phillips Awards Ceremony

The ceremony is in the Cargill Building and is open to the public.

- 9:30 a.m.: Distinguished Alumni Award Ceremony
10:30 a.m.: Department recognitions by Gary Muehlbauer
11:00 a.m.: Hayes Phillips Award Ceremony
11:15 a.m.: Advisor introduction of Hayes Phillips Award winner
11:25 a.m.: Award presentation
11:30 a.m.: Student presentation
11:45 a.m.: Closing remarks

Guest Speaker



across an array of species (you can learn more at cropinnovation.cals.wisc.edu).

SHAWN KAEPLER is the R.A. Moore Professor of Plant and Agroecosystem Sciences at the University of Wisconsin-Madison. He conducts research in crop breeding, genetics, and genomics with emphasis on breeding methodology, abiotic stress tolerance, crop productivity, and epigenetics. He is the faculty director of the Wisconsin Crop Innovation Center, a public crop biotechnology center conducting transformation and gene editing research and technology development

2024 Hayes Phillips Awards Program

Hayes Phillips Graduate Student Awardee

Hannah Stoll

Ph.D. 2024

Advisor: Jim Anderson

Distinguished Alumni Awardees

Distinguished Alumni: Academic

Roberto Tuberosa

Department of Agricultural and Food Sciences,
University of Bologna

Distinguished Alumni: Industry

Tabare Abadie

Corteva Agriscience

**Thursday and Friday, May 16 and 17, 2024
St. Paul Campus, University of Minnesota**

Hayes Phillips Award

The Hayes Phillips Award recognizes an Agronomy and Plant Genetics graduate student who has excelled in academics, research, teaching, leadership, and service. The award is named after two distinguished faculty members in the department: H. K. Hayes, a faculty member from 1915 to 1952, and Ronald L. Phillips, a faculty member from 1968 to 2010.



PROFESSOR H. K. HAYES was a key promoter of hybrid corn when it was new and made major contributions to the concept of heterosis, pedigree selection, and breeding for disease resistance in wheat. Hayes served as division chair or department head at the University of Minnesota for 24 years and co-authored a widely used plant breeding textbook, *Methods of Plant Breeding*. After he died in 1972, the University Senate passed a tribute that read, “Although Dr. Hayes’s research achievements were great, he is best remembered for his work with students . . . many of his former students now occupy positions of leadership in many countries of the world.”



PROFESSOR RONALD PHILLIPS was a Regents Professor Emeritus and McKnight Presidential Endowed Chair in Genomics. He advised 55 graduate students and 23 postdoctoral scientists and served for two years as chief scientist of the USDA in Washington, D.C. Phillips was a member of the National Academy of Sciences and was awarded the prestigious Wolf Prize in Agriculture in Israel. In 2021, Phillips received the R. Emerson Lifetime Achievement Award for his work in maize genetics. Throughout his career, he coupled the techniques of plant genetics and molecular biology to enhance our understanding of basic biology of cereal crops and to improve these species by innovative methods. Phillips died in 2023.

2024 Hayes Phillips Awardee



HANNAH STOLL will complete her Ph.D. in Applied Plant Sciences–Plant Breeding and Genetics in 2024. Stoll received her bachelor’s degree in Crop Sciences: Plant Biotechnology and Molecular Biology at the University of Illinois at Urbana-Champaign. Her thesis work at the University of Minnesota is focused on understanding the genetic architecture of key domestication traits in Kernza and determining the genetic gain per breeding cycle. She has developed curricula centered around plant breeding and genetics and has published classroom activities that allow high school and undergraduate educators to teach basic biological concepts in the context of the development of new, sustainable cropping systems. Stoll says she’s

passionate about education and hopes to be educating in some capacity in her future career.

Distinguished Alumni Awards

Departmental Distinguished Alumni: Academic



ROBERTO TUBEROSA is a professor in the Department of Agricultural and Food Sciences at the University of Bologna, Italy. He received his bachelor’s degree from the University of Bologna and a master’s (1985) and doctorate (1997) from the University of Minnesota under the guidance of Ron Phillips. For the past three decades, he has managed research projects to develop cereal crops more resilient to climate change. His major research interest is the genetic dissection of the adaptive response of cereals to drought. Tuberosa is currently chair of the Focus Group on Cereals of the AgriFood Cluster of the Regione Emilia-Romagna, Italy, a fellow of the Crop Science Society of America, and represents Europe on the Board of the International Crop Science Society. He is the editor-in-chief of the Plant Genetics and Genomics section of *Genes* and an editor in *The Plant Genome*, *Molecular Breeding*, and *Plant Breeding*.

Departmental Distinguished Alumni: Industry



TABARE E. ABADIE is a Distinguished Research Laureate at Corteva Agriscience. Abadie received his B.S. in Agronomy at the Universidad de la Republica, Uruguay, in 1982, and his master’s (1992) and Ph.D. (1994) at the University of Minnesota. Over a 40-year career, Abadie’s extensive expertise in crop science includes plant breeding and quantitative genetics as well as technological change in large organizations, career development, education, and mentoring. Abadie is the developer and co-coordinator of the Plant Sciences Symposia Series, Worldwide, an international network of student-driven organized and hosted scientific events. The series began with the first Plant Sciences Symposium held at the University of Minnesota in 2008 and became a global program with the participation of more than 60 organizations on five continents. Abadie is a member of the CFANS Alumni Society board.