

The Cotton Genetics Research Award 1961-2018

Jack C. McCarty, Jr.

USDA-ARS
Mississippi State, MS

Welcome to the 2018 Conference



Outline

Brief history of Cotton Genetics Research Award

Award recipients 1961-2018

Cotton Genetics Research Award

- Industry members of the Joint Cotton Breeding Policy Committee (JCBPC) made a tentative suggestion at the 1960 meeting for Recognition of Scientific Achievement.
- Dr. Harold D. Loden, cotton breeder, Anderson Clayton & Co./ Paymaster Seeds gave a report at the 1961 meeting (JCBPC) on Recognition of Scientific Achievement. He reported that commercial cotton breeders will sponsor an annual award for outstanding individual achievement in basic cotton genetics and breeding research.

Dr. Loden covered the following points:

1. 1st award would be in 1962 at the Beltwide Cotton Production – Mechanization Conference in Memphis, TN.
2. The award will consist of a suitable plaque and \$250 in cash.
3. Recommended name “Cotton Genetics Award”.
4. Eligibility limited to public employees.
5. Award made annually only if merited.
6. Appropriate committee of industry and agency representatives will screen nominations.

Guidelines for award

R. D. Lewis, chairman of JCBPC appointed a committee to develop by July 1, 1961 specific plans and procedures for implementing the award.

The committee was composed of Dr. Marion W. Parker, Director, Crops Research Division, ARS, USDA, Beltsville, MD (Chairman), Dr. R. L. Lovvorn, Director North Carolina Agri. Exp. Sta., Raleigh, and Dr. E. V. Smith, Director Alabama Agric. Exp. Sta., Auburn, AL

Guidelines for award Continued

Dr. Parker's committee developed procedures and guidelines which were reviewed and approved to implement the award.

A suitable plaque for the award was developed.

An information brochure was developed to seek nominations for the award.

Award Plaque

Early Ewing, Jr. of DP&L volunteered to help with the emblem and plaque. He contacted Russell Farley of Bryan & Bryan Advertising Agency, Shreveport, LA (this agency was used by the DP&L company).

Farley designed the emblem and plaque using mahogany wood with pure sterling silver metal for engraving.

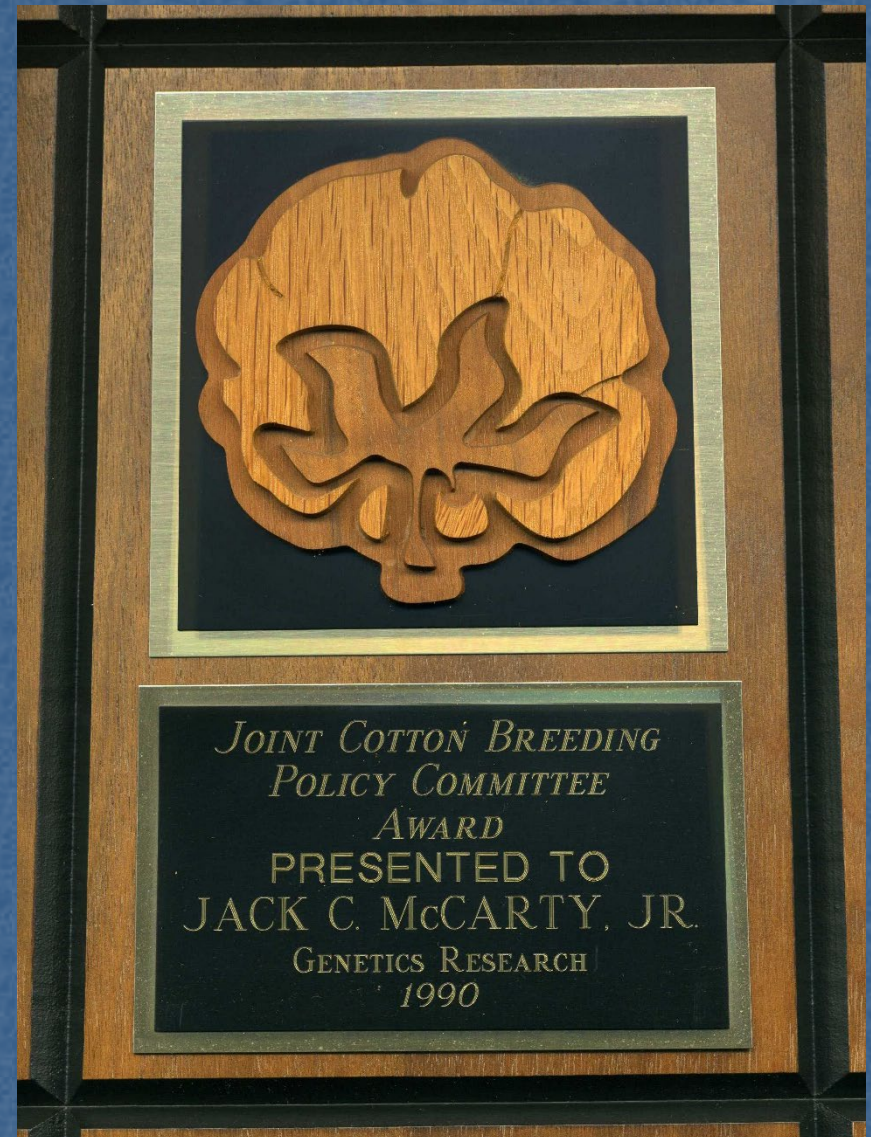
Dr. M.W. Parker's committee approved the plaque designed.

Award Plaque Example

1961 – 1970's



1979 to present



Letter seeking nominations for the award

COTTON GENETICS RESEARCH AWARD

Information for 1961 Nominations

Attached is an announcement of the Cotton Genetics Research Award established and supported by the commercial cotton breeders of the United States in cooperation with the National Cotton Council of America.

The Joint Cotton Breeding Policy Committee recently appointed C. F. Lewis, Chairman; Roy L. Lovvorn, John H. Turner, C. W. Manning, and H. H. Ramey as members of the Canvassing and Screening Committee. Our job is to contact persons in a position to evaluate cotton genetics research and to provide the Awards Committee with the names and accomplishments of worthy nominees.

The first award will be given at the Beltwide Cotton Production-Mechanization Conference, January 11-12, 1962. This first year time is short, so please give this matter your immediate attention. Make the nomination in the form of a letter to the Canvassing and Screening Committee giving the information desired as stated in the attached announcement. Please mail five copies of the nomination and supporting data by November 15, 1961 to:

Dr. H. H. Ramey
National Cotton Council of America
P. O. Box 9905
Memphis 12, Tennessee

Canvassing and Screening Committee

Attachment

September 21, 1961

Award Brochure 1961

Annual
COTTON GENETICS
RESEARCH AWARD



*To Recognize and Encourage
Basic Research in Cotton
Genetics, Cytogenetics, and Breeding.*

Award Brochure 1961

Annual
COTTON GENETICS
RESEARCH AWARD



*To Recognize and Encourage
Basic Research in Cotton
Genetics, Cytogenetics, and Breeding.*

An annual Cotton Genetics Research Award was established in 1961 by the commercial cotton breeders of the United States to recognize and encourage basic research in cotton genetics, cytogenetics and breeding. It is administered by the Joint Cotton Breeding Policy Committee consisting of representatives of the U. S. Department of Agriculture, state experiment stations, commercial breeders, and the National Cotton Council.

NATURE OF AWARD. The award consists of \$250 in cash and a specially designed plaque. When feasible, the award will be presented at a function in connection with the Annual Beltwide Cotton Production-Mechanization Conference which is usually held in January.

ELIGIBILITY. Any person who has accomplished outstanding basic research in cotton genetics, cytogenetics or breeding at public or other non-profit research institutions in the United States is eligible to be nominated for the award. The award will be made generally to individuals, but in special cases, it may be shared by two or more co-workers.

NOMINATIONS. Any person may make nominations for the award. A nominee shall be automatically eligible for consideration in two successive award years, without a new nomination being submitted. However, ad-

ditional or new information on a nominee may be provided the second year.

Nominations must be in writing and should be accompanied by the following supporting data and information:

1. Name, address and age of nominee.
2. Present title or position.
3. Education, academic degrees.
4. Other honors, awards, or recognitions received.
5. Brief history of employment, including special assignments.
6. Membership in scientific and professional societies.
7. Major publications.
8. Presentation and evaluation of the research accomplishment for which the award is proposed.
9. A seconding letter to the nomination.

Five copies of the nomination and supporting material, along with one recent photograph (glossy print suitable for newspaper reproduction) of the nominee, should be submitted on or before October 1 to Secretary, Joint Cotton Breeding Policy Committee, P. O. Box 9905, Memphis 12, Tennessee.

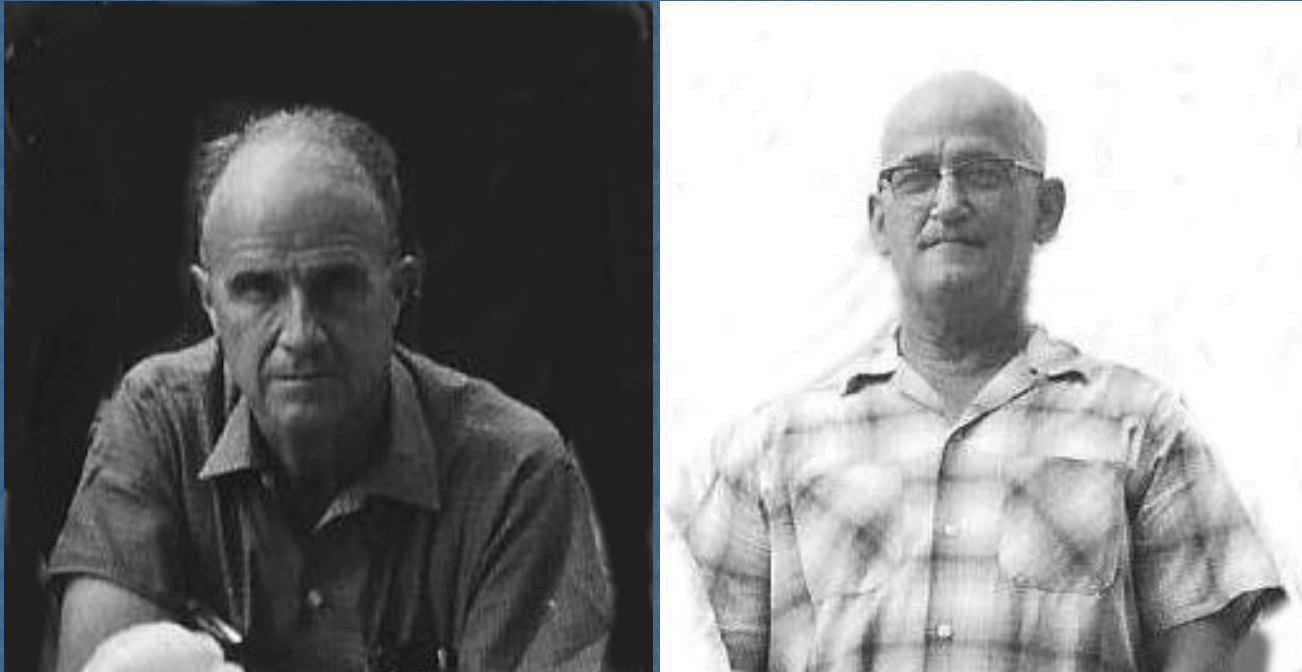
*Established and Supported by
Commercial Cotton Breeders of the
United States in cooperation with the
National Cotton Council of America*

1961 Cotton Genetics Research Award



Dr. Stanley George "S.G." Stephens, Professor, North Carolina State University, received the first Cotton Genetics Research Award.

1962 Cotton Genetics Research Award



Dr. T. R. Richmond, USDA-ARS, College Station, TX (left) & Dr. Thomas Kerr, USDA-ARS, Beltsville, MD

1963 Cotton Genetics Research Award

DR. JAMES R. MEYER, at left below, USDA geneticist at Delta Branch Experiment Station, Stoneville, Miss., won this year's Cotton Genetics Research Award. **Dr. E. V. Smith**, Dean of Auburn's School of Agriculture, made the presentation.



1964 Cotton Genetics Research Award



Dr. Meta S Brown, Texas A&M University

1964 Cotton Genetics Research Award



DR. META S. BROWN, left, Texas A&M professor, was presented with Cotton Genetics Research Award by Early C. Ewing, Jr.

1965 Cotton Genetics Research Award



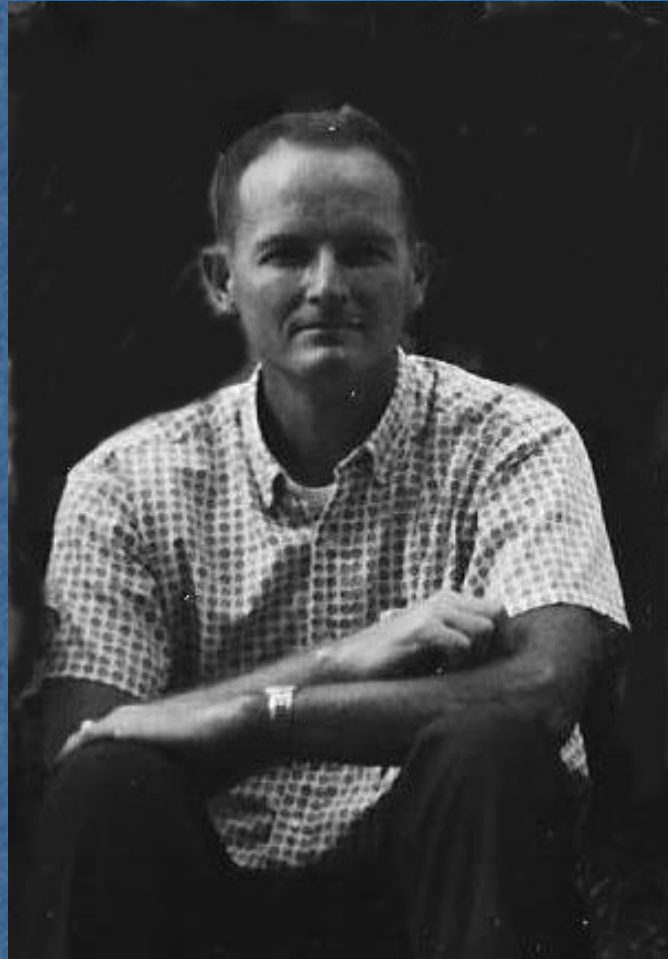
Dr. Charles F Lewis, USDA-ARS

1965 Cotton Genetics Research Award



DR. CHARLES FRANKLIN LEWIS, at left, was presented with coveted Cotton Genetics Research award by Dr. George Itca Walker. Award is made annually to recognize and encourage basic research in cotton genetics, cytogenetics and breeding.

1966 Cotton Genetics Research Award



Dr. Lyle L. Phillips, North Carolina State University

1966 Cotton Genetics Research Award



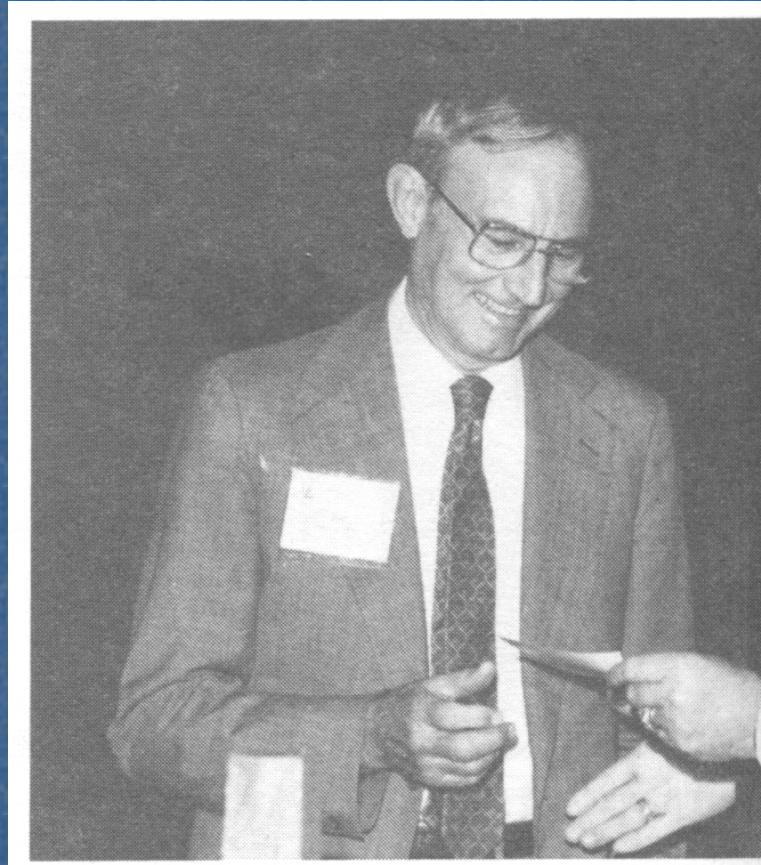
DR. LYLE L. PHILLIPS, at right, received Cotton Genetics Research Award from Robert R. Coker. Dr. Phillips was cited for his contributions to better understanding of cotton evolution and cytogenetics.

1967 Cotton Genetics Research Award



5: Dr. Paul A. Fryxell, USDA-ARS, Texas A&M, receiving the Cotton Genetics Research Award from Aubrey L. Lockett, Locket Seed Company, Vernon , Texas.

1968 Cotton Genetics Research Award



Dr. Phillip A Miller, NC State & USDA-ARS

1969 Cotton Genetics Research Award



Dr. John E Endrizzi, University of Arizona, Tucson, AZ

1970 Cotton Genetics Research Award



Dr. Russell J Kohel, USDA-ARS, College Station, TX

1971 Cotton Genetic Research Award



Dr. Joshua A. Lee, USDA-ARS, Raleigh, NC

1972 Cotton Genetics Research Award

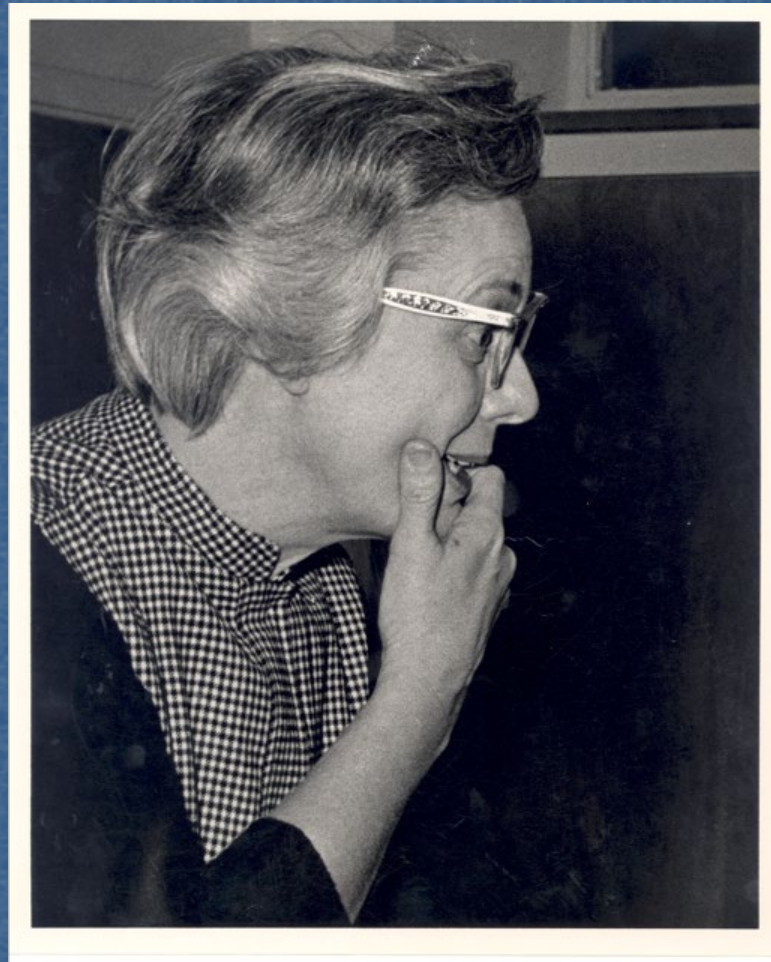


Dr. Johnie N. Jenkins, USDA-ARS, Mississippi State, MS

1973 Cotton Genetics Research Award

NO AWARD GIVEN

1974 Cotton Genetics Research Award



Vesta G. Meyer

Mississippi State University, Delta Branch Experiment Station, Stoneville, MS 1954-1980

1974 Cotton Genetics Research Award



Vesta G. Meyer

Mississippi State University, Delta Branch Experiment Station, Stoneville, MS 1954-1980

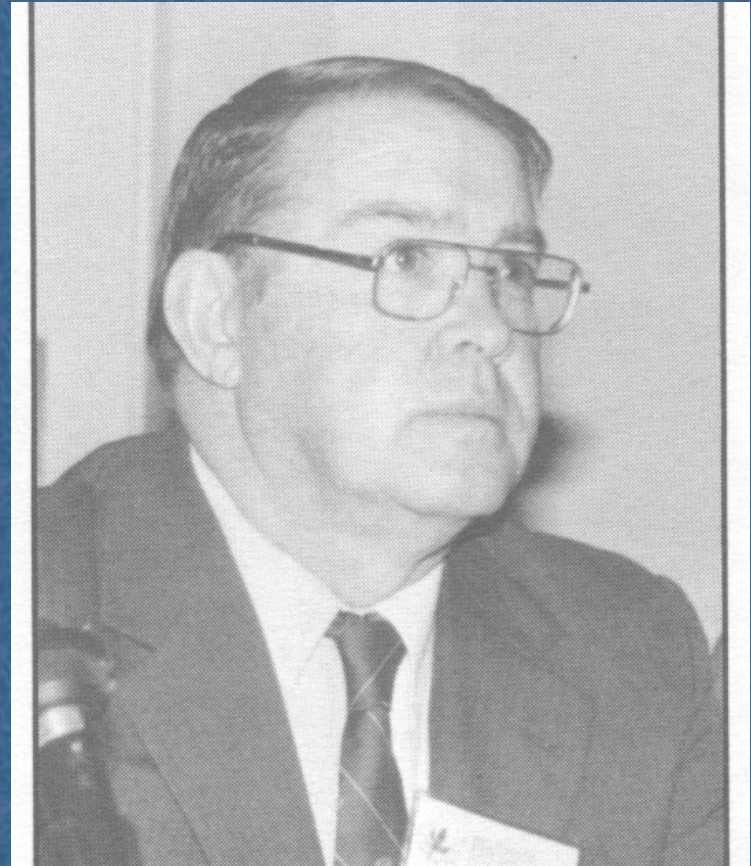
1975 Cotton Genetics Research Award

David Cuttino Harrell

15 July 1910 - 24 Aug 1987

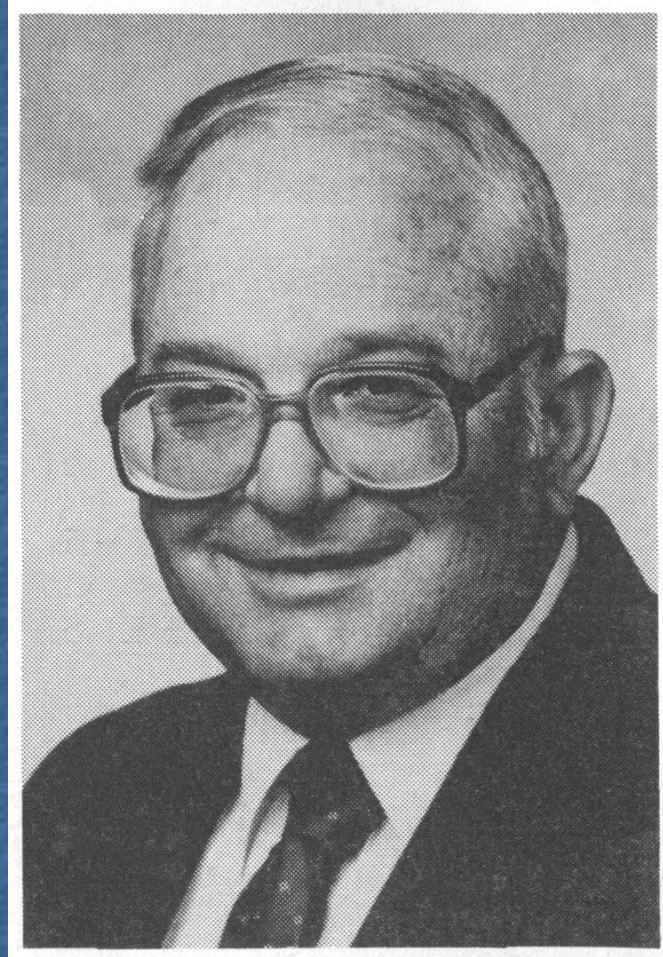
USDA-ARS, Pee Dee Experiment Station, Florence, SC

1976 Cotton Genetics Research Award



Dr. E. L. "Ed" Turcotte (left), USDA-ARS, Phoenix, AZ and Dr. William R. "Bill" Meredith, USDA-ARS, Stoneville, MS were recipients of the 1976 Cotton Genetics Research Award.

1977 Cotton Genetics Research Award



**Dr. Robert R. "Bob" Bridge, Mississippi State University,
Delta Branch Experiment Station, Stoneville, MS**

1978 Cotton Genetics Research Award

NO AWARD GIVEN

1979 Cotton Genetics Research Award



COTTON GENETICS RESEARCH AWARD: Early W. Ewing, Jr., on behalf of Joint Cotton Breeding Policy Committee, presents plaque and check to Brad A. Waddle (right), University of Arkansas scientist and teacher, for outstanding research in cotton genetics and breeding.

1980 Cotton Genetics Research Award



COTTON GENETICS RESEARCH
AWARD: Delbert C. Hess
(L.) on behalf of Joint
Cotton Breeding Policy
Committee, presents plaque
and check to Levon L. Ray
(R.), former Texas A&M
University scientist, for
outstanding research in
cotton genetics and breed-
ing.

1981 Cotton Genetics Research Award



COTTON GENETICS RESEARCH AWARD: Thomas W. Culp (L.), USDA scientist, Florence, South Carolina, receives plaque and check for outstanding research in cotton genetics and breeding from Henry W. Webb (R.) on behalf of the Joint Cotton Breeding Policy Committee.

1982 Cotton Genetics Research Award



COTTON GENETICS RESEARCH AWARD:
James B. Weaver, Jr. (R.), Professor of Agronomy, The University of Georgia, Athens, receives plaque and check for outstanding research in cotton genetics and breeding from James Rex Dunn (L.) President, Dunn Seed Farms, Inc., Seminole, Texas, on behalf of Joint Cotton Breeding Policy Committee.

1983 Cotton Genetics Research Award



COTTON GENETICS RESEARCH AWARD: G. A. Niles (R.), Professor, Texas A & M University, receives plaque and check for outstanding research in cotton genetics and breeding from Delbert Hess (L.), Cotton Research Manager, Cargill Seed Division, on behalf of Joint Cotton Breeding Policy Committee

1984 Cotton Genetics Research Award



COTTON GENETICS AWARD: Dr. W. P. Sappenfield (left), plant breeder, University of Missouri Delta Center at Portageville, receives plaque from Dr. Henry Webb, plant breeder, Hartsville, S.C., on behalf of the Joint Cotton Breeding Policy Committee.

1985 Cotton Genetics Research Award



COTTON GENETICS RESEARCH AWARD: Jack Jones, (l.) professor of agronomy at Louisiana State University, Baton Rouge, accepts the Cotton Genetics Research Award from John Green, director of cotton research, Northrup King Co., Leland, MS.

1986 Cotton Genetics Research Award



COTTON GENETICS AWARD: C.W. Manning (l.) cotton breeder with Stoneville Pedigreed Seed Company, Stoneville, MS., presents plaque for 1987 Cotton Genetics Award recipient Dr. Raymond Shepherd, an agronomist at the USDA-ARS Crop Science Research Laboratory, Starkville, MS.

1987 Cotton Genetics Research Award



Dr. Laval M Verhalen, Oklahoma State Univ.

1988 Cotton Genetics Research Award



COTTON GENETICS AWARD: Lynn D. McDonald (l.), director of research, Stoneville Pedigreed Seed Co., Stoneville, MS presents plaque for 1988 Cotton Genetics Award to Jerry E. Quisenberry, research geneticist, USDA, ARS, Lubbock, TX

1989 Cotton Genetics Research Award



COTTON GENETICS AWARD: Dr. Keith R. Jones, (l.), eastern division cotton research director, Delta and Pine Land Co. presents plaque for 1989 Cotton Genetics Award to John R. Gannaway, associate professor, Texas A&M University, Lubbock, TX

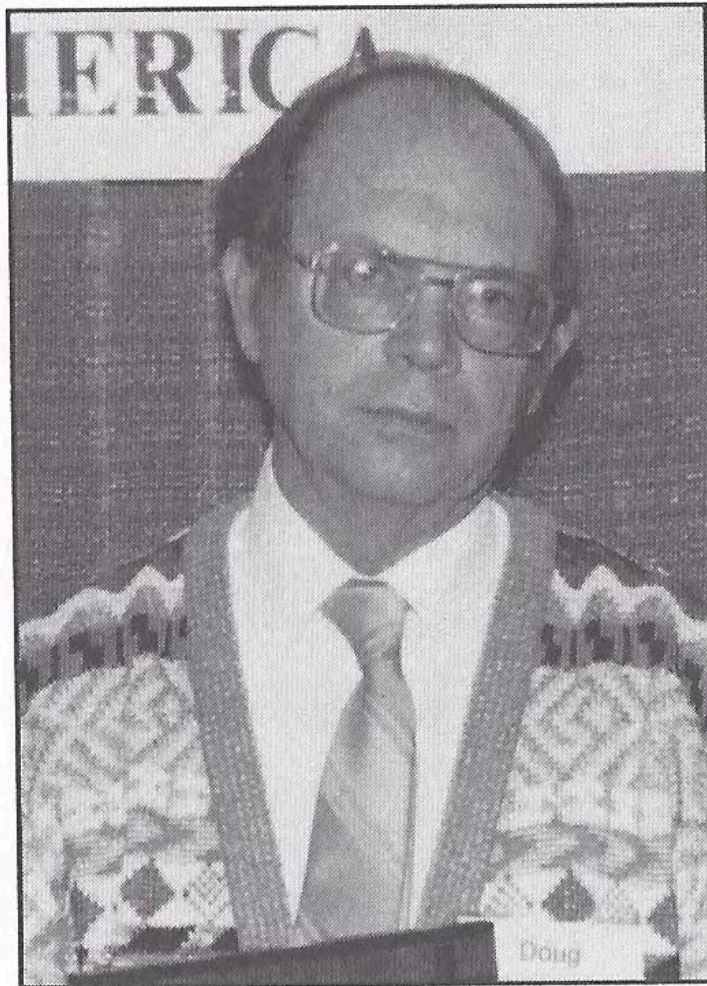
1990 Cotton Genetics Research Award



GENETICS AWARD: Jack McCarty, right, a research agronomist at the USDA Agricultural Research Service Crop Science Research Laboratory, Mississippi State, MS, and the 1990 Cotton Genetics Award recipient, accepts plaque from Richard Sheetz, manager, cotton research, Cargill Hybrid Seeds, Aiken, TX.

Proceedings Beltwide Cotton Conferences 1991

1991 Cotton Genetics Research Award



USDA RESEARCHER Dr. F. Douglas Wilson, Phoenix, AZ, received the Cotton Genetics Award.

1992 Cotton Genetics Research Award



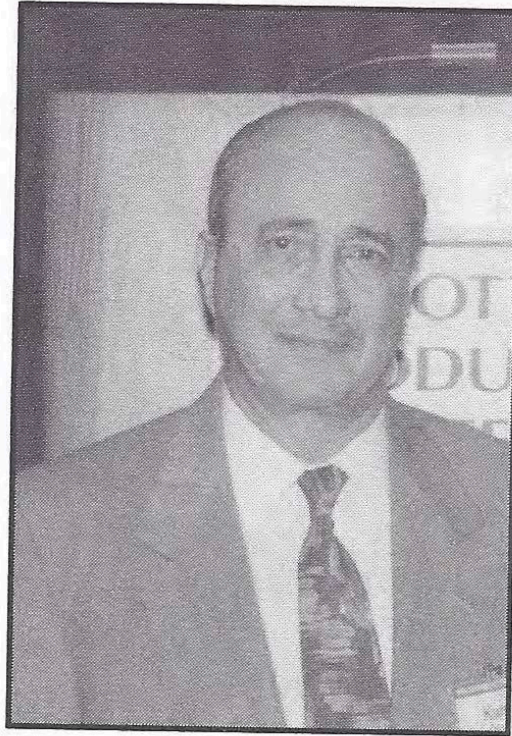
Dr. Dick D. Davis, New Mexico State University

1992 Cotton Genetics Research Award



Dr. Dick D. Davis, New Mexico State University

1993 Cotton Genetics Research Award



KAMAL EL-ZIK was doubly honored as recipient of the Miles Cotton Research Recognition Award and the Cotton Genetics Award.

Dr. Kamal M. El-Zik, Texas A&M University

1994 Cotton Genetics Research Award



DR. LUTHER BIRD, right, a breeder with Texas A&M University, was the recipient of the Cotton Genetics Award presented to him by Dr. Bob Bridge.

1995 Cotton Genetics Research Award



Dr. David M. Stelly, Texas A&M University

1996 Cotton Genetics Research Award



USDA-ARS SCIENTIST William Meredith received the Cotton Genetics Award.

1997 Cotton Genetics Research Award



GARY REA with Paymaster Seeds, left, presents the Cotton Genetics Award to Bob Staten, a University of Arizona entomologist who accepted on behalf of the recipient, his father, Glen Staten, a professor emeritus of cotton breeding at New Mexico State University.

1998 Cotton Genetics Research Award



DR. EDWARD PERCIVAL, a USDA-Agricultural Research Service geneticist at the Southern Crops Research Laboratory, College Station, TX, received the 1998 Cotton Genetics Research Award.

1999 Cotton Genetics Research Award



Dr. James McD. "Mac" Stewart, Professor at the University of Arkansas received the 1999 Cotton Genetics Research Award .

1999 Cotton Genetics Research Award



Dr. James McD. "Mac" Stewart, Professor at the University of Arkansas received the 1999 Cotton Genetics Research Award .

2000 Cotton Genetics Research Award



Dr. Norma L. Trolinder, USDA-ARS, Lubbock, TX

2001 Cotton Genetics Research Award



Dr. Fred M Bourland, University of Arkansas

2002 Cotton Genetics Research Award



Dr. Roy G. Cantrell, New Mexico State University & Cotton Incorporated

2003 Cotton Genetics Research Award



Dr. Peggy M. Thaxton, Texas A&M University

2004 Cotton Genetics Research Award

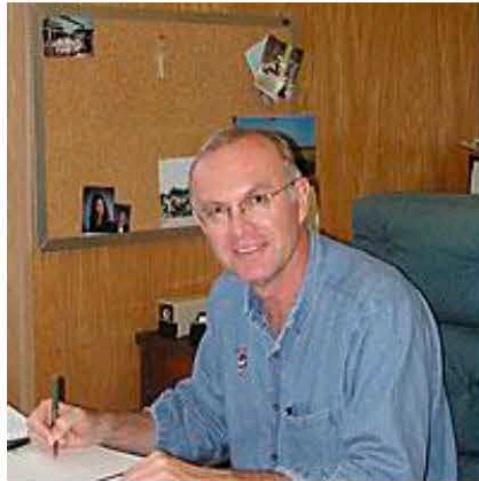


Dr. C. Wayne Smith, Texas A&M University

2005 Cotton Genetics Research Award

Dr. Daryl Bowman Receives 2005 Cotton Genetics Research Award from the U.S. Cotton Industry

Date Posted: January 12, 2006



Dr. Daryl Bowman

(January 12, 2006) -- Dr. Daryl Bowman, Interim Director of the North Carolina Crop Improvement Association and a professor of cotton breeding at North Carolina State University, is the recipient of the 2005 Cotton Genetics Research Award. The announcement was made during the Cotton Improvement Conference of the National Cotton Council-coordinated 2006 Beltwide Cotton Conference held January 3-6 in San Antonio, TX.

Dr. Bowman received the recognition and a cash award for his many efforts to improve cotton production, including his leadership in variety testing techniques, statistical analysis of test data, genetic diversity of cotton cultivars and germplasm, host- plant resistance to insect and nematode pests, and genetic tolerance to abiotic stresses. During his extensive career, he has been credited with one cotton cultivar release and four cotton germplasm releases.

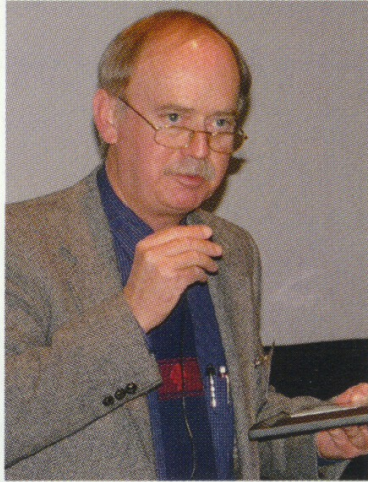
The [Association of Official Seed Certifying Agencies \(AOSCA\)](#) offers its congratulations to Dr. Bowman for this award which recognizes his career-long support to the cotton industry.

Source: Seed TODAY

2006 Cotton Genetics Research Award

Percy Receives Genetics Award

Dr. Richard G. Percy, a USDA Agricultural Research Service research geneticist in Arizona, is the recipient of the 2006 Cotton Genetics Research Award. The announcement was made during the Cotton Improvement Conference of the Beltwide Cotton Conferences.



Dr. Percy, who received \$1,000 in recognition of his efforts, works in the cotton physiology, genetics and host plant resistance research unit at the Western Cotton Research Laboratory in Maricopa,

Ariz. He also is an adjunct professor of Plant Sciences at the University of Arizona.

Prior to joining USDA-ARS in 1984, Percy was a research associate at the Texas Agricultural Experiment Station in College Station. He holds a B.S. in biology from Texas Tech University and earned a M.S. and a Ph.D. in genetics from Texas A&M University. He has authored more than 50 publications, 33 of which were in peer-reviewed journals.

2007 Cotton Genetics Research Award



Dr. Andy Paterson, University of Georgia

2008 Cotton Genetics Research Award



The team of Drs. David Stelly, Al Bell and Forest Robinson received the 2008 Cotton Genetics Research Award by accomplishing a major breakthrough in transferring resistance to the reniform nematode from a wild cotton species to upland cotton. (Drs. Stelly and Bell above, Robinson was unable to attend the award presentation).

2009 Cotton Genetics Research Award



Dr. Carl Feaster, USDA-ARS, Pima Cotton Breeder, Phoenix, AZ

2010 Cotton Genetics Research Award



Dr. Sukumar Saha, Research Geneticist, USDA-ARS, Mississippi State, MS.

Keerti Rathore Receives 2011 Cotton Genetics Research Award

today.agrilife.org/2012/01/12/keerti-rathore-honored/

View all articles by AgriLife Today →

January 12, 2012

ORLANDO, Fla. — Dr. Keerti Rathore, a Texas AgriLife Research scientist, is the recipient of the 2011 Cotton Genetics Research Award.

The announcement was made during the 2012 Beltwide Cotton Conference of the National Cotton Council recently in Orlando, Fla.

Rathore, who is also an associate professor in the department of soil and crops sciences at Texas A&M University, received a plaque and a monetary award.

He was cited for his work on the reduction of gossypol in cottonseed. Gossypol makes the otherwise protein-rich seed unfit for human and monogastric animal consumption.

According to Dr. Don Jones, director Agricultural Research for Cotton Inc., Rathore's ultimate goal is to create cotton plants that produce seeds that contain gossypol at levels below what is considered safe by the Food and Drug Administration while maintaining normal levels of gossypol and related chemicals in the foliage, floral parts, boll rind, and the roots. Gossypol helps cotton plants defend against insects and pathogens.

Dr. Wayne Smith, Texas A&M soil and crop sciences associate department head, applauded Rathore's honor.

"Keerti has lines that show 95 percent reduction in seed gossypol that makes these seed — an excellent source of oil and protein — edible by humans," Smith said. "This effort could lead to a new, high-quality food source for people around the world."

Rathore earned his bachelor's degree in animal and plant sciences from Rajasthan University, his master's degree in plant biochemistry from Gujarat University, both in India. He earned his doctorate in plant physiology from Imperial College, University of London. Before joining AgriLife Research and Texas A&M in 2003, he worked as a postdoctoral research associate and a research scientist at Purdue University for 10 years.

He also has served as director of Texas A&M's Institute for Plant Genomics and Biotechnology Laboratory for Crop Transformation since 1997. Rathore's research has been reported in numerous peer reviewed science journals, and he has been granted six U.S. patents.

U.S. commercial cotton breeders have presented the Cotton Genetics Research Award for more than 40 years to a scientist for outstanding basic research in cotton genetics. The Joint Cotton Breeding Committee, comprised of representatives from state experiment stations, U.S. Department of Agriculture, private breeders and the National Cotton Council, establishes award criteria.



Dr. Keerti Rathore, Texas AgriLife Research scientist, examines cotton growing in a field near College Station. Rathore is breeding cotton plants that have almost no gossypol in the seed which would make them edible for humans and monogastric animals. (Texas AgriLife Research photo by Kathleen Phillips)

2012 Cotton Genetics Research Award



2012 Cotton Genetics Award recipient Jane Dever accepts plaque from Joel Mahill with Phytogen during the Beltwide Cotton Improvement Conference in San Antonio, Texas.

Source: Southwest Farm Press

2013 Cotton Genetics Research Award



Wes Malloy, who has served as site manager of the Cotton Winter Nursery in Tecoman, Mexico for the past 38 years, is the recipient of the 2013 Cotton Genetics Research Award.

2014 Cotton Genetics Research Award



Dr. Jodi Scheffler, a geneticist with USDA-ARS at Stoneville, MS, is the recipient of the 2014 Cotton Genetics Research Award.

2014 Cotton Genetics Research Award

From
CottonGrower.com



Scheffler Receives 2014 Cotton Genetics Research Award



DR. JODI SCHEFFLER, a geneticist with USDA's Agricultural Research Service center in Stoneville, MS, is the recipient of the 2014 Cotton Genetics Research Award.

Scheffler was honored during the 2015 Beltwide Cotton Improvement Conference, which was part of the recent Beltwide Cotton Conferences. The award has been presented by U.S. commercial cotton breeders for more than 40 years to a scientist for outstanding basic research in cotton genetics.

Scheffler has compiled an impressive record of outstanding service in basic genetic research to improve

the overall utility and value of cotton fiber and seed. She currently serves as lead scientist of a project aimed at developing ultra-early *Verticillium* resistant elite lines. Since 2010, she also has served as project coordinator for the USDA-ARS Pakistan Cotton Productivity Enhancement Program, which is addressing the threat of Cotton Leaf Curl Virus (CLCuV), which USDA has listed as a critical threat to U.S. agriculture.

One of her nominators, Dr. Steve Calhoun, international cotton breeding manager for Bayer CropScience, praised Scheffler for her work in preparing the U.S. germplasm base for the potential arrival of this devastating virus.

Scheffler earned undergraduate and graduate degrees from Iowa State University and a Ph.D. in plant breeding and genetics from the University of Wisconsin-Madison. She joined USDA-ARS in 1999.

2015 Cotton Genetics Research Award



Dr. David B. Weaver, a cotton breeder who has dedicated his career conducting plant breeding research and educating generations of undergraduate and graduate students at Auburn University, is the recipient of the 2015 Cotton Genetics Research Award.

2016 Cotton Genetics Research Award



Dr. Peng Chee, University of Georgia – Tifton (right), receives the 2016 Cotton Genetics Research Award from Dr. Tom Brooks of Americot.

2017 Cotton Genetics Research Award



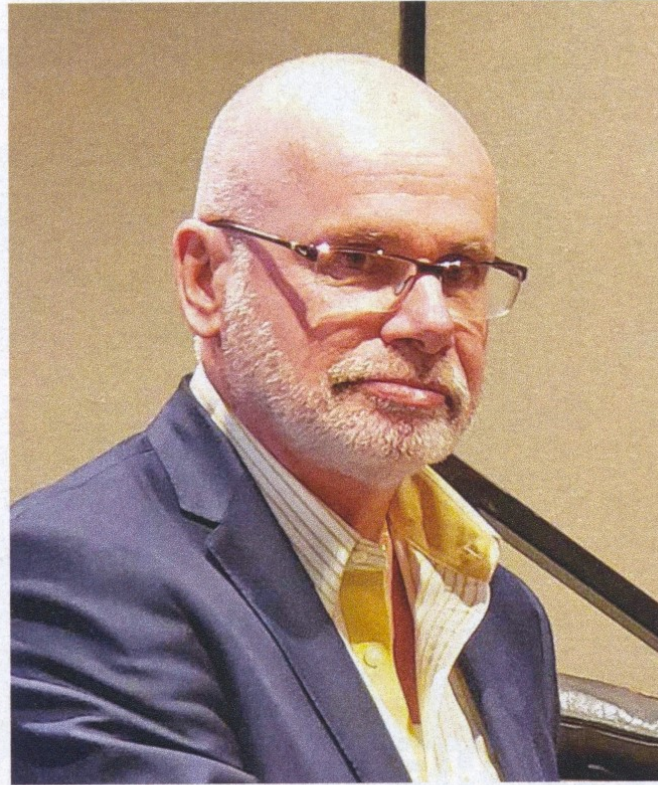
Dr. Fred Bourland (left) presenting the Cotton Genetics Award to Dr. B. Todd Campbell (right), a geneticist with USDA-ARS at Florence, SC.

2017 Cotton Genetics Research Award



Dr. B. Todd Campbell recipient of the 2017 Cotton Genetics Award.

2018 Cotton Genetics Research Award



Dr. Eric Hequet
Texas Tech University

Dr. Eric Hequet recipient of
the 2018 Cotton Genetics Award.

Footnote to the presentation:

Press releases for most of the award winners since 1990 can be found on the CottenGen website.



Thanks and I hope you enjoyed the presentation.