

# SWSS NEWS May 2003, Volume 26 Number 1

News from the Southern Weed Science Society

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## Put it on the calendar

SWSS Weeds Contest Aug. 4-5, 2003, Knoxville, TN  
(Univ. of Tennessee, Tom Mueller)

SWSS Meeting Jan.26-28, 2004, Peabody Hotel,  
Memphis, TN.

WSSA Meeting Feb. 9-12, 2004, Kansas City, MO

## People and Places

Mr. **Luke Etheridge** has accepted a full time Research Associate position with Dr. Jim Griffin at Louisiana State University. Luke will also pursue a Ph.D degree program under the direction of Dr. Griffin. Mr. Etheridge is a May graduate from Texas A&M University, where he was scheduled to complete his M.S. degree in Agronomy.

**Jonathan Siebert** will complete his M.S. degree under the direction of Dr. Jim Griffin and will graduate in May. Jonathan will continue his studies at LSU and will be working in the area of cotton physiology.

The Southern Weed Science Society is greatly saddened by the passing of Dr. **Kriton Hatzios**. See please later comments in this newsletter.

**Chester L. Foy** retired on July 1, 2002 after more than 50 years of distinguished service. He served the last 36 years as Professor at Virginia Tech, including six years as Department Head. Dr. Foy has been a longstanding member of SWSS, as well as national and international Weed Science Societies. He was the first recipient of the SWSS Weed Scientist of the Year Award in 1984.

Dr. Foy will remain affiliated with Virginia Tech as a Professor Emeritus. In retirement, he and his wife, Betty, will devote their new life to family, traveling, church and community service, and other interests. They will continue to reside at 607 Landsdowne Drive, Blacksburg, VA 24060 and may be reached by e-mail at [cfoy@vt.edu](mailto:cfoy@vt.edu).

**Wendy A. Pline** was named the Outstanding graduate student by the Weed Science Society of America at its annual meeting in February, 2003. Dr. Pline holds a Ph.D. from North Carolina State University (advisor John Wilcut), M. S. from Virginia Tech (advisor Kriton Hatzios), and B. S. from Michigan State (worked with Don Penner).

**David L. Jordan** was named the Outstanding Young Weed Scientist by the Weed Science Society of America. Dr. Jordan is an extension specialist with North Carolina State University.

The Outstanding Paper in *Weed Science* was co-authored by several SWSS members, including **Brian V. Ottis**, Ann M. Prazak-Harvery, Concetta A. Bormans, Clay Sneller, **James M. Chandler**, and William D. Park. The paper is entitled: Is all red rice found in commercial rice really *Oryza sativa*? *Weed Science* 49:468-476.

**David Shaw** was presented the Outstanding Research Award at the Weed Science Society of America annual meeting. Dr. Shaw is at Mississippi State University and is the newly elected vice-president of SWSS.

**Randy Ratliff** was presented the Outstanding Industry Award at the Weed Science Society of America annual meeting. Dr. Ratliff is a past-president of SWSS, and was recently elected to the endowment foundation board. Dr. Ratliff is with Syngenta.

Two SWSS Weed Scientists were awarded the 2003 WSSA Fellow Award. The recipients were Dr. **John Wilcut**, Professor at North Carolina State University in the Department of Crop Sciences and Dr. **Robert Hayes**, who is currently the Superintendent of the West Tennessee Experiment Station.

## **A Memorial Tribute to Dr. Kriton Hatzios:**

Dr. Kriton Kleanthis Hatzios passed to his final rest on February 20, 2003, following a valiant struggle with cancer. He was born in Florina, Greece on August 6, 1949. He received his B.S. degree from Aristotelian University of Thessaloniki, Greece, majoring in agriculture and minoring in agricultural chemistry. He furthered his education in the United States earning his M.S. and Ph.D. degrees in plant physiology and weed science at Michigan State University, East Lansing in 1977 and 1979, respectively. He served as Graduate Research Assistant in the Department of Crop and Soil Sciences while at Michigan State.

Dr. Hatzios began employment at Virginia Tech in 1979 as Assistant Professor of Plant Physiology and Weed Science. He was promoted to Associate Professor in 1984 and to Professor in 1988. In 1997, he rose to the Head of the Department of Plant Pathology, Physiology and Weed Science and in 1999 became the Director of the Virginia Agricultural Experiment Station while continuing to serve as Head of his academic department for over a year. Concurrent to his role as Director, he served as Associate Dean for Research in the College of Agriculture and Life Sciences.

Dr. Hatzios had maintained an active, productive research program aimed at optimizing the use of herbicides in crop production. His work crossed through the plant science disciplines, molecular biology, and computer-aided molecular modeling. His program in herbicide physiology and biochemistry was recognized and respected around the world. This worldwide recognition was evidenced by numerous invitations for him to speak at or organize national and international conferences. Dr. Hatzios emphasized mission-oriented basic research that increased fundamental knowledge yet helped to solve problems facing selected crop commodities grown in Virginia and the U.S. During his career at Virginia Tech he generated over \$1.25M in grant funds from federal, state and private sources. He authored or co-authored over 360 scholarly publications, including five books, more than 115 refereed journal articles, 24 book chapters, plus monographs, abstracts, reviewed proceedings, and conference publications. In his dedication to publish research results, he had completed the final editing on a manuscript just a few days before his death. He was key in developing the 3-D virtual dandelion weed that is displayed at the Virginia Tech CAVE (Computer-Aided Virtual Environment) and used for educational purposes. Dr. Hatzios was equally dedicated to the teaching mission with responsibilities for Weed Management and Herbicide Action and Metabolism. Service to students and the community were important to Dr. Hatzios as well. He was faculty advisor to the Hellenic Student



Association since 1979; he presented numerous talks on Greek culture to public schools in Montgomery and Floyd counties. He was founder and host of the WUVT-FM program on Greek music aired weekly. Dr. Hatzios was an ardent music lover and enjoyed singing and playing the bouzouki, baglama, and guitar. He was founder

and president of the Hellenic Society Paideia of Virginia. He composed a collection of poems, some of which were published in various literary journals in Greece.

Numerous professional honors and awards were bestowed on Dr. Hatzios. Most recent and notable are: Fellow Award of the American Association of the Advancement of Science (2001), Outstanding Teacher Award From the Weed Science Society of America (2001), Scientist of the Year Award from the Southern Weed Science Society (1997), Fellow Award from the Weed Science Society of America (1995), and Outstanding Research Award from the Weed Science Society of America (1994). Dr. Hatzios was especially pleased to learn in early February that he had been selected as the 2003 Sterling B. Hendricks Memorial Lecturer of the USDA Agricultural Research Service and the American Chemical Society. This award recognizes scientists who have made outstanding contributions to the chemical science of agriculture. Thus, in retrospect, the Hendricks Award becomes a fitting tribute to Dr. Hatzios' distinguished career. His contributions to research and teaching, and his service to the profession of agricultural chemistry and society in general will be long lasting.

Dr. Hatzios was preceded in death by his mother, Diamado; his father, Kleanthis; and a brother, Petro. Surviving are his wife, Maria K. Hatzios; two daughters, Adamantia K. Hatzios and Stavroula-Artemis K. Hatzios; his sister, Kevi Milona of Greece and a very special family friend, Anna Havelos. Also surviving are many cherished in-laws and other relatives and many special friends. He was an exceptionally dedicated husband and father and will be missed enormously. Memorial contributions may be made to either the American Cancer Society or to Holy Trinity Greek Orthodox Church, P.O. Box 5055, 30 Huntington Blvd., Roanoke, VA 24012.

## Call for SWSS Award Nominations

Each year SWSS recognizes deserving members in several areas of accomplishment, and it is time to start the process for the 2003 meeting. Anyone can nominate individuals for the awards; the guidelines below will help in determining if the person(s) you are considering is(are) qualified for nomination. Nomination qualifications may also be found on the SWSS web site, along with the pertinent application and evaluation forms (see [www.swss.ws](http://www.swss.ws)). Further details will be in the August Newsletter.

## Outstanding Graduate Student Awards

One (1) award is given to a M.S. level student and one (1) is given to a Ph.D. level student who has demonstrated outstanding performance in graduate studies and related weed science activities.

### Eligibility Requirements are as follows:

The student:

- " Must be enrolled in 2003 as a graduate student in the degree program for which he or she is nominated.
- " Must have actively participated in SWSS sponsored activities during the past two years (examples: annual meeting, weed contest, student paper contest, committee work).
- " ***Winners of the M.S. level Outstanding Graduate Student Award are NOT eligible for the Ph.D. level award.***

## Distinguished Service Awards

This is the highest honor that the Society can bestow, and is given to honor members for outstanding service to the Society. Two (2) awards may be given annually, one for academia and one for industry.

### Eligibility Requirements are as follows:

- " Must be a voting member of the Society in 2003 (some exceptions may be considered).
- " Must have been a voting member of the Society for at least ten (10) years.
- " Must have made outstanding contributions to the Society through committee work, elective offices held, initiation of programs, or other contributions that have benefitted the Society and Weed Science

## Outstanding Young Weed Scientist Award

This award is presented annually to a young weed scientist from academia in recognition of outstanding performance in teaching, research, extension, and/or other service to weed science.

### Eligibility Requirements are as follows:

- " Must have been a voting member of the Society for at least three (3) of the last five (5) years.
- " Must be a voting member of the Society during 2003.
- " Must be from teaching, research, or extension.
- " Must be born on or after January 31, 1963.
- " Must have completed at least five (5) years work in weed science other than that related to academic studies.
- " Previous recipients of this award are ineligible for renomination.

## Weed Scientist of the Year Award

This award is presented annually to a weed scientist from academia, the public sector, or industry and recognizes outstanding performance in teaching, research, extension, and/or other service to weed science.

### Eligibility requirements are as follows:

- " Must have been a voting member of the Society for at least five (5) of the last ten (10) years.
- " Must be a voting member of the Society in 2003.
- " May be from academia, the public sector, or industry.
- " Must have completed at least five (5) years work in weed science other than that related to academic studies.
- " Previous recipients of this award are ineligible for renomination.

## Outstanding Educator Award

This award is presented to a weed scientist in recognition of outstanding contributions to the Society and weed science through education.

### Eligibility requirements are as follows:

- " Must be a voting member of SWSS in 2003.
- " Must be an active member of SWSS during the last five (5) years.
- " Previous recipients of this award are ineligible for renomination.



**Jim Griffin**  
**2003 Distinguished Service Academia**



**John Wilcut (pictured with wife, Cathy)**  
**2003 Weed Scientist of the Year**



**Sue Rick**  
**2003 Distinguished Service Industry**



**Scott Senseman**  
**2003 Outstanding Young Weed Scientist**



**Dan Reynolds**  
**2003 Outstanding Educator**



**Shea Murdock**  
Oklahoma State University  
2003 Outstanding PhD Student



**Shawn Troxler**  
North Carolina State University  
2003 Outstanding MS Student



**Mike Lovelace**  
University of Arkansas

**1<sup>st</sup> Place (Physiology/Biology Section)**

Investigation of Potential Resistance Mechanism in Quinlorac-Resistant Barnyardgrass (*Echinochloa crus-galli*)  
**M. L. Lovelace**, R. E. Talbert, R. E. Hoagland, and E. F. Scherder. Department of Crop, Soil, and Environmental Sciences. University of Arkansas.



**Daniel Stephenson**  
University of Arkansas

**2<sup>nd</sup> Place (Physiology/Biology Section)**

Morphological Identification and Characterization of Arkansas Pitted Morningglory (*Ipomoea lacunosa*) Accessions. **D. O. Stephenson, IV** and L. R. Oliver. Department of Crop, Soil, and Environmental Sciences. University of Arkansas.

**Eric Scherder**  
University of Arkansas

**1<sup>st</sup> Place (Soil & Environmental Aspects)** Barnyardgrass (*Echinochloa crus-galli*) Control in an Intermittent Rice Irrigation System. **E. F. Scherder**, R. E. Talbert, M. L. Lovelace, B. V. Ottis, M. S. Malik, and J. D. Branson. Department of Crop, Soil, and Environmental Sciences, University of Arkansas.



**Scott McElroy**  
North Carolina State University

**2<sup>nd</sup> Place (Soil & Environmental Aspects)** Relationship of Topography to Edaphic Factors and *Kyllinga brevifolia* Populations in Golf Course Fairway. **S. McElroy**, F. H. Yelverton, and M. G. Burton. North Carolina State University.



**David Yoder**  
University of Florida

**1<sup>st</sup> Place (Agronomic Crops Section)** The Influence of Row Pattern and Tillage on Weed Management in Peanut. **D. C. Yoder**, G. E. MacDonald, B. J. Brecke, D. L. Wright, T. D. Hewitt, and J. T. Ducar. Department of Agronomy. University of Florida and Department of Animal & Horticultural Sciences. Berry College. Berry, GA.



**John Siebert**  
Louisiana State University

**2<sup>nd</sup> Place (Agronomic Crops Section)** Sugar cane Seed Response to 2,4-D and Alternatives for Red Morningglory Control. **J. D. Siebert**, J. L. Griffin, C. A. Jones, and K. A. Gravois. Department of Agronomy. Louisiana State University.



**Gabe Powell**

Mississippi State University

**1<sup>st</sup> Place (Poster 1)** Environmental Applications of Remote Sensing: Determination of Crop Residues on Soil Surfaces Using Hyperspectral Reflectance. **G. Powell**, J. H. Massey, M. S. Cox, L. M. Bruce, D. L. Evans, M. L. Tagert, and D. R. Shaw. Mississippi State University.



**Jason Bond**

University of Arkansas

**1<sup>st</sup> Place (Poster 2)** Control of Arkansas *Palmer amaranth* Accessions. **J. A. Bond** and L. R. Oliver. Department of Crop, Soil, and Environmental Sciences.



**Travis Teuton**

University of Florida

**1<sup>st</sup> Place (Poster 1)** Seed Germination Characteristics of Tropical Signalgrass (*Urochloa subquadriflora*) **T. C. Teuton**, G. J. Brecke, J. B. Unruh, G. E. MacDonald, G. L. Miller, and J. T. Ducar. Dept. of Agronomy, University of Florida and Dept. of Animal & Horticultural Sciences, Berry College. Berry, GA.



**Nathan Buehring**

Mississippi State University

**1<sup>st</sup> Place (Poster 2)** The Effect of Sub-lethal Rates of Glyphosate on Shikimate Accumulation in Corn (*Zea mays*). **N. W. Buehring**, J. H. Massey, and D. B. Reynolds. Mississippi State University.



**Jake Easley**

Mississippi State University

**1<sup>st</sup> Place (Poster 1)** Assessment of Sampling Techniques for Generation of Site-Specific Spray Maps in Soybean. **J. W. Easley**, D. R. Shaw, and M. L. Tagert. Mississippi State University.

**Deadline for submissions for the August Newsletter is July 15. Please send all submissions to [tmueller@utk.edu](mailto:tmueller@utk.edu).**

# Order Form for SWSS Publications

## Instructions

Mark the publication(s) you want to purchase on the order form at right.

**Prices include shipping.** Payment may be made by check, credit card, or purchase order.

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