

80th Annual Meeting

Georgia Entomological Society



6 – 8 April, 2016

Callaway Gardens
Pine Mountain, Georgia



PRESIDENT • 2015-2016

Will Hudson



Welcome to the 80th annual meeting of the Georgia Entomological Society. It has been quite a while since the meeting was last held at Calloway Gardens and I know everyone is excited to be back at one of Georgia's real jewels of nature. The gardens contain one of the largest collections of native and exotic azaleas in the world with over 20,000 planted over 40 acres, and we are here at the perfect time to see them in full bloom. There are over 7 miles of nature trails to explore, world class golf courses, the

butterfly conservatory, garden demonstrations of all kinds, the list of things to do goes on and on.

I want to thank Mike as President-Elect for putting together a wonderful program. On Wednesday afternoon we will have our traditional Bug Fun Run and, new this year, a fishing tournament on the main lake. The main meeting Thursday will begin with the Founders

Lecture honoring Ray Noblet of UGA, and presented by Wayne Gardner. Ray has served as Head of the Entomology Department at UGA for 17 years. He has contributed much to the science of entomology in the areas of environmental toxicology and the biology and management of biting flies and is highly deserving of the recognition.

Our industry panel will update us on exciting new developments and products relevant to growers and researchers in the state. This year's symposium will elucidate how improving knowledge of applied ecology and ecological processes is critical to improving sustainability, pest management and integrated management strategies. Outstanding speakers, representing both industry and

Dr. Will Hudson is a native of Alabama. He earned his B.S. and M.S. degrees from Auburn University and his Ph.D. from the University of Florida where his research involved the ecology and management of invasive mole crickets. After a post-doc stint at UF in Howard Frank's lab working with biocontrol of those mole crickets, Will took a job at the University of Georgia as an Extension specialist at the Coastal Plains Experiment Station (now the Tifton Campus, UGA) in Tifton, GA in 1988. His responsibilities initially included management programs for insect pests of turf and ornamentals, and identification of specimens sent or brought to the Tifton Extension Entomology offices. He is also the fishbait entomologist. Will's responsibilities were expanded in 2001 to include pests of pecans, and permanent grass pastures and hayfields. Will moved to Athens in 2011, but retains the same commodity assignments.



SCHEDULE OF EVENTS

Wednesday, 6 April 2016

- 1:00 – 5:00 P.M. Fishing Tournament (*Boat Dock on Mountain Creek Lake*)
- 4:00 – 6:00 P.M. Registration (*Peach Room, Mountain Creek Inn*)
- 5:00 P.M. Entomology Fun Run (*Mountain Creek Inn Front Desk*)
- 6:30 P.M. Executive Committee Meeting

Thursday, 7 April 2016

- Breakfast (*on your own*)
- 7:00 – 8:30 A.M. Registration (*Peach Room, Mountain Creek Inn*)
- 8:00 A.M. – 5 P.M. Poster Displays (*Sweetbay, Mountain Creek Inn*)
- 8:00 – 8:15 A.M. Welcome and Announcements (*Peach Room, Mountain Creek Inn*)
- 8:15 – 8:45 A.M. 2016 GES Founders Lecture
- 8:45 – 8:55 A.M. GES Founders Honoree Award Presentation
- 8:55 – 9:25 A.M. Journal of Entomological Science Update
- 9:25 – 9:55 A.M. Industry Panel
- 9:55 – 10:15 A.M. **Break** (*Peach Room, Mountain Creek Inn*)
- 10:15 – 11:55 A.M. Symposium
- Noon – 1:30 P.M. Luncheon & Photo Salon (*Willow Room, Mountain Creek Inn*)
- 1:30 – 3:00 P.M. B.S./M.S. Student Paper Competition
- 3:00 – 3:30 P.M. **Break** (*Authors at Posters*)
- 3:30 – 4:00 P.M. Ph.D. Student Paper Competition
- 4:00 – 4:40 P.M. Contributed Paper Session
- 4:40 – 5:00 P.M. Student Awards Presentations
- 6:00 – 7:00 p.m. GES Mixer (*Inn Patio, Mountain Creek Inn*)

Friday, 8 April 2016

- Breakfast (*on your own*)
- 7:00 – 8:30 A.M. Registration (*Peach Room, Mountain Creek Inn*)
- 8:00 – 11:30 A.M. Poster Displays (*Sweetbay, Mountain Creek Inn*)
- 8:30 – 10:10 A.M. Contributed Paper Session
- 10:10 – 10:40 A.M. **Break**
- 10:40 – Noon Business Meeting



FOUNDERS HONOREE • 2016

Raymond Noblet



Ray Noblet grew up on a small farm near Hiawassee, GA, and attended public schools in Towns County. Following graduation from Towns County High School in 1961, he attended Berry College for two years, and transferred to the University of Georgia in 1963 where he intended to major in Agronomy. However, a chance meeting with Dr. Horace Lund, Entomology Department Head in the

Franklin College, changed all that as he transferred to major in Entomology. Ray received his BSA in 1965 with a major in Entomology and a second major in Plant Pathology. He immediately enrolled in graduate school, receiving his M.S. in Entomology in 1967 working with Dr. Preston Hunter on a project studying the effects of radiation on insect behavior and fitness. That year, he was also awarded a NIH Training Fellowship to work in Malariology in Dr. A.B. Weathersby's laboratory on a project involving mosquito susceptibility to the avian malaria parasite and factors affecting vector capability. This project was funded by NIH to provide a reservoir of six individuals to work with the military on malaria transmission and control in times of conflict should the need arise. He received his Ph.D. in 1970 after being invited to join the Entomology faculty at Clemson University in March of that year. At Clemson, he progressed to Associate Professor in 1975 and Professor in 1979.

Dr. Noblet's initial appointment at Clemson was in the area of Insect Physiology. He worked on host pathogen relationships with biocontrol agents, fungal and protozoan pathogens, and lepidopterous pests. Concurrently, he collaborated with Dr. T.R. Adkins on the transmission of "turkey malaria" caused by the protozoan *Leucocytozoon smithi* and vectored by black flies in the coastal plains of South Carolina. He later transferred into the medical entomology position after Dr. Adkins retired. Immediately following the discovery and commercialization of *Bacillus thuringiensis* var. *israelensis* (*Bti*), Ray began working with Abbott Laboratories Agricultural Division to improve toxin efficacy and formulation development for use in rivers and streams for black fly control. Some efforts were also directed toward mosquito control. This work has been funded continuously for 35 years and has resulted in our current black fly laboratory at UGA. Because of this work, *Bti* is now the only product used worldwide for vector and nuisance black fly control programs. During the mid-to-late 1980's extending through 1995, Ray served as Associate Director of The Institute of Wildlife and Environmental Toxicology at Clemson and led the development of an Environmental Toxicology Academic Department to house M.S. and Ph.D. programs in Environmental Toxicology. He returned full time to Entomology at Clemson in 1995 and focused more on his research with *Bti*.

Ray returned to the Department of Entomology at UGA in August 1997 as



FOUNDERS LECTURER • 2016

Wayne Gardner

Wayne Gardner is a Professor of Entomology at the University of Georgia Griffin Campus. He received his B.S. and M.S. degrees in Biological Sciences from East Carolina University in Greenville, NC, and his Ph.D. in Entomology from Clemson University. He joined the faculty of the University of Georgia in January 1979 where he has conducted research in various cropping systems against a diversity of insect pests in his 37 years at UGA. However, a special interest in his research programs has been the development of microbial agents for the biological control of several target pest species including the pecan weevil, lepidopteran larvae, various aphids, and the kudzu bug. Wayne also serves as Coordinator for the UGA Research and Education Garden on the Griffin Campus.



Dr. Gardner joined the Georgia Entomological Society as a student member in 1975 and has since been an active member of the Society serving in various positions including its President in 2004-2005. He was honored as a GES Fellow in 2006 and was the Founders Honoree in 2013. He served as Business Manager of the Journal of Entomological Science from 1988 to 1993, and he currently serves as Editor of the Journal, a position he has held since 1993.

Founders Honoree, Raymond Noblet, *continued from page 4*

Department Head, a position he has held since that time. He has also been a member of the Environmental Toxicology faculty in the UGA Interdisciplinary Toxicology Graduate program. Administrative duties occupy almost all of his time; however, through graduate students and lab staff, he has continued to work with Bti and vector biology of black flies through collaborations within UGA and elsewhere. Teaching activities have been limited but much enjoyed while he has served as Head of the Department of Entomology. Even though the Department has lost approximately half of its state funding in recent years, UGA Entomology remains one of the strongest Departments in the country and has continued to thrive and to develop important new areas of scholarship in entomology because of the efforts of many people. Being part of that experience was sometimes challenging and always rewarding.



FOUNDERS LECTURE SERIES

The Georgia Entomological Society recognizes significant and selfless contributions to science and the GES by means of the GES Founders Lecture Series, a program that the society began in 1990. The Founders Lecture serves to honor the individual to whom the lecture is dedicated, and additionally serves to recognize a scholar/researcher of the Society who has contributed significantly and historically to the advancement of our science and/or whose research is at the cutting edge of his/her subdiscipline.

Year	Founder	Lecturer
1990	Theodore Bissell	W. Louis Tedders, Jr.
1991	Horace O. Lund	Preston E. Hunter
1992	Hamlin H. Tippins	Wayne A. Gardner
1993	U. Eugene Brady, Jr.	C. Wayne Berisford
1994	Cedric R. Jordan	T. Don Canerday
1995	Clifford M. Beckham	Herbert Womack
1996	Oliver I. Snapp, Sr.	Carroll E. Yonce
1997	T. Don Canerday	Max H. Bass
1998	Loy W. Morgan	Max H. Bass
1999	William F. Turner	Daniel L. Horton
2000	Preston E. Hunter	Raymond Noblet
2001	Harry O. Yates, III	James L. Hanula
2002	Alton N. Sparks	Beverly Sparks
2003	James H. Oliver, Jr.	Richard L. Osburn
2004	Sturgis McKeever	Frank E. French
2005	Herbert H. Ross	J. Bruce Wallace
2006	Gary A. Herzog	Max H. Bass
2007	Jerry A. Payne	Ted E. Cottrell
2008	W. Louis Tedders, Jr.	Russell F. Mizell, III
2009	Ronald D. Oetting	Wayne A. Gardner
2010	Frank E. French	Daniel V. Hagan
2011	Keith Griffith	Lance Peterson
2012	John N. All	James D. Dutcher
2013	Wayne A. Gardner	G. David Buntin
2014	Richard B. Chalfant	David G. Riley
2015	James D. Dutcher	Will Hudson
2016	Raymond Noblet	Wayne A. Gardner



FELLOWS OF THE GEORGIA ENTOMOLOGICAL SOCIETY

1991	James H. Oliver, Jr	2006	Lance Peterson
1992	Preston E. Hunter	2007	James Dutcher
1993	Alton N. Sparks	2007	Keith Griffith
1994	J. Bruce Wallace	2008	John All
1995	Harry O. Yates, III	2008	T. Don Canerday
1998	Sturgis McKeever	2009	William Tietjen
2000	Rudolph T. Franklin	2011	Beverly Sparks
2001	W. Joe Lewis	2011	Robert McPherson
2002	Richard B. Chalfant	2012	G. David Buntin
2003	Ronald D. Oetting	2013	Kristine Braman
2004	Frank E. French	2013	Tracie Jenkins
2005	C. Wayne Berisford	2014	Dan Horton
2005	Daniel V. Hagan	2015	Jim Hanula
2006	Wayne Gardner		

President Will Hudson's Letter, *continued from page 2*

academia, will cover a wide range of model systems and approaches showcasing our ability to identify solutions for real world problems. Lisa will again present the Photo Salon during lunch, so be sure and vote for your favorite so that we can crown a People's Choice Award winner. Thursday afternoon we will hear presentations from future leaders in entomology when we have both the M.S. and Ph.D. student paper competitions. Following on Friday will be contributed papers from regular members who will be competing for the highly prized O.I. Snapp Award. This year we will have posters on display in the proximity of the GES Mixer on Thursday--Please be sure to take some time to view these during the Mixer, as well as the rotating slide show of past meetings put together by Nancy.

I want to thank all the students and regular members for their hard work and submissions to both the poster displays and paper sessions. Likewise, I would like to express my deep appreciation to all those who volunteer their time, effort, and support (committee members, moderators, speakers, and industry sponsors) that together will make this 80th Annual Meeting of the Georgia Entomological Society a success.

**THURSDAY, 7 APRIL 2016**

7:00 – 8:30 A.M. Registration (Peach Room, Mountain Creek Inn)

7:00 – 8:00 A.M. Poster setup (Sweetbay, Mountain Creek Inn)

7:30 – 8:00 A.M. Load Talks onto Computer (Peach Room, Mountain Creek Inn)

8:00 – 5:00 P.M. Poster Displays (Sweetbay, Mountain Creek Inn)

Opening Session

PEACH ROOM, MOUNTAIN CREEK INN • PRESIDENT WILL HUDSON, PRESIDING

8:00 – 8:15 A.M. Welcome and Announcements

8:15 – 8:45 A.M. 2016 GES Founders Lecture, honoring **Raymond Noblet**,
presented by **Wayne Gardner**

8:45 – 8:55 A.M. GES Founders Honoree Award Presentation

8:55 – 9:25 A.M. Journal of Entomological Science Update,
presented by **Wayne Gardner**

9:25 – 9:55 A.M. Industry Panel,
moderated by **Joe Eger**

9:55 – 10:15 A.M. Break

10:15 – 11:55 A.M. **Symposium – Innovative Science Leads to Real World Solutions**

10:15 A.M. Factors influencing pea aphid susceptibility to parasitoids. **Kerry Oliver**. Department of Entomology, University of Georgia.

10:40 A.M. Where social insect and human food webs intersect. **Clint Penick**. Department of Applied Ecology, North Carolina State University.

11:05 A.M. The science behind refuge areas for transgenic crops. **Douglas Sumerford**. Monsanto Co., (St. Louis, MO).

11:30 A.M. Applied ecology drives pest management. **Michael Toews**. Department of Entomology, University of Georgia.

NOON – 1:30 P.M. Luncheon & Photo Salon (*Willow Room, Mountain Creek Inn*)

Photo Salon

presented by, **Lisa Ames**

B.S./M.S. Student Paper Competition

PEACH ROOM, MOUNTAIN CREEK INN • MODERATOR: PHILLIP ROBERTS

1:30 P.M. Effects of the tawny crazy ant (*Nylanderia fulva*) on the ant community at the Port of Savannah, Georgia. **Ben Gochnour**. Department of Entomology, University of Georgia.

1:40 P.M. The combined use of diatomaceous earth and the entomopathogenic fungus *Beauveria bassiana*: potentiation of insecticidal effects on



THURSDAY, 7 APRIL 2016

the lesser mealworm, *Alphitobius diaperinus* (Panzer) (Coleoptera: Tenebrionidae). **Brent Phelan**, ¹Brian D. Fairchild, Wayne A. Gardner and Nancy C. Hinkle. Department of Entomology, University of Georgia; ¹Department of Poultry Science, University of Georgia.

- 1:50 P.M. Northern fowl mite life history in Georgia bluebird nests. **Annie Rich** and Nancy C. Hinkle. Department of Entomology, University of Georgia.
- 2:00 P.M. Investigating wild flora for viable hosts of *Drosophila suzukii* (Diptera: Drosophilidae) in the Southeastern U.S. **Joshua Grant** and Ashfaq Sial. Department of Entomology, University of Georgia.
- 2:10 P.M. Chronobiology of *Drosophila suzukii* under field conditions. **Richard K. Evans** and Ashfaq A. Sial. Department of Entomology, University of Georgia.
- 2:20 P.M. Influence of planting date on thrips (Thysanoptera: Thripidae) infestation and management in cotton. **Trey Portier**, Phillip M. Roberts, Michael D. Toews and Mark R. Abne. Department of Entomology, University of Georgia.
- 2:30 P.M. Distribution of brown marmorated stink bug in southeastern row crops. **Whitney Hadden** and Michael Toews. Department of Entomology, University of Georgia.
- 2:40 P.M. Management of overwintering populations of the cowpea curculio, *Chalcodermus aeneus* (Coleoptera: Curculionidae). **Thomas Harty** and David Riley. Department of Entomology, University of Georgia.
- 2:50 P.M. Evaluation of cool-season and warm-season intercrops for aphid biological control in organic pecan orchards. **Tzu-Chin Liu** and James Dutcher. Department of Entomology, University of Georgia.

3:00 - 3:30 P.M. **Break**

Ph.D. Student Paper Competition

PEACH ROOM, MOUNTAIN CREEK INN • MODERATOR: MARK ABNEY

- 3:30 P.M. Evaluation of residual toxicity of neonicotinoids and resistance issues in thrips management in peanut. **Pin-Chu Lai**, Mark Abney, ¹Albert Culbreath and Rajagopalbabu Srinivasan. Department of Entomology, University of Georgia; ¹Department of Plant Pathology, University of Georgia.
- 3:40 P.M. Effect of defoliating lepidopterans and *Megacocta cribraria* on soybean productivity. **Joni Blount**, Michael Toews, David Buntin and Phillip Roberts. Department of Entomology, University of Georgia.
- 3:50 P.M. Spatial distribution of *Megacocta cribraria* (Hemiptera: Plataspidae) egg masses and parasitism by *Paratelenomus saccharalis* (Hymenoptera: Platygasteridae) in soybean. **Ian Knight** and Michael Toews. Department of Entomology, University of Georgia.



THURSDAY, 7 APRIL 2016

Contributed Paper Session

PEACH ROOM, MOUNTAIN CREEK INN • MODERATOR: DAN SUITER

- 4:00 P.M. Stayin' alive: evidence for learning in aphids. **Edward B. Mondor** and Jessica A. Durrence. Department of Biology, Georgia Southern University.
- 4:10 P.M. Curative control of the peachtree borer using entomopathogenic nematodes. **David I. Shapiro-Ilan**, Ted E. Cottrell, ¹Russell F. Mizell III and ²Dan L. Horton. USDA ARS Fruit and Nut Research (Byron, GA); Entomology and Nematology Department, University of Florida; ²Department of Entomology, University of Georgia.
- 4:20 P.M. Potential for Zika virus transmission by mosquitoes in Georgia. **Mark Blackmore**. Department of Biology, Valdosta State University.
- 4:30 P.M. Overview of the military entomologist. **Patrick L. McClellan**. 988TH MED DET (ENTO), United States Army Reserves (Round Rock, TX).

4:40 - 5:00 P.M. Student Awards Presentation (*Peach Room, Mountain Creek Inn*)

6:00 - 7:00 P.M. GES Mixer (*Inn Patio, Mountain Creek Inn*)





FRIDAY, 8 APRIL 2016

7:00 – 8:30 A.M. **Registration** (Peach Room, Mountain Creek Inn)

7:30 – 8:30 A.M. **Load Talks onto Computer** (Peach Room, Mountain Creek Inn)

8:00 – 11:30 A.M. **Poster Displays** (Sweetbay, Mountain Creek Inn)

Contributed Paper Session

PEACH ROOM, MOUNTAIN CREEK INN • MODERATOR: NANCY HINKLE

- 8:30 A.M. Field screening of maize germplasm lines for fall armyworm and corn earworm resistance. **Xinzhi Ni** and ¹Matthew D. Krakowsky. USDA-ARS Crop Genetics and Breeding Research Unit (Tifton, GA); ¹USDA-ARS Plant Science Research Unit (Raleigh, NC).
- 8:40 A.M. Does potyvirus infection affect plant chemistry and vector biology? **Kiran R. Gadhave**, ¹Bhabesh Dutta, Jason M. Schmidt and Rajagopalbabu Srinivasan. Department of Entomology, University of Georgia; ¹Department of Plant Pathology, University of Georgia.
- 8:50 A.M. Heteroptera attracted to butterfly traps baited with fish or shrimp carrion in the Neotropics. **J. E. Eger, Jr.**, ¹H. Brailovsky and ²H. J. Henry. Dow AgroSciences (Tampa, FL); ¹Institute of Biology, National Autonomous University of Mexico; and ²National Museum of Natural History (Washington, DC).
- 9:00 A.M. Crawling pest arthropod movement patterns around structures. **Dan Suiter**. Department of Entomology, University of Georgia.
- 9:10 A.M. Trap crops for managing leaf-footed and stink bugs species in Alabama peaches. **Clement Akotsen-Mensah**, ¹Henry Fadamiro and Rammohan Rao Balusu. Forest and Horticultural Crops Research Centre (FOHCREC), University of Ghana; ¹Department of Entomology & Plant Pathology, Auburn University.
- 9:20 A.M. Current threat of insecticide resistance in lepidopteran pests of cole crops in Georgia. **David Riley**. Department of Entomology, University of Georgia.
- 9:30 A.M. Identification of post-anthesis sugarcane aphid (Homoptera: Aphididae) resistance in sweet sorghum. **Karen Harris-Shultz**, Xinzhi Ni, Joe Knoll, Caitlin Cato and Bill Anderson. USDA-ARS Crop Genetics and Breeding Research Unit (Tifton, GA).
- 9:40 A.M. Insecticidal management studies of the sugarcane aphid on sorghum. **G. David Buntin**. Department of Entomology, University of Georgia.
- 9:50 A.M. Spotted wing drosophila management in Georgia blueberries. **Ash Sial**. Department of Entomology, University of Georgia.
- 10:00 A.M. Review of neonic seed treatment performance in Georgia cotton. **Phillip Roberts**. Department of Entomology, University of Georgia.

10:10 – 10:40 A.M. **Break**

10:40 – 11:45 A.M. **Business Meeting**



Student Poster Competition

- SP-1 The typical Ekbohm syndrome sufferer. **Auburn Diffie** and Nancy C. Hinkle. Department of Entomology, University of Georgia.
- SP-2 Rhizobacteria affect western corn rootworm (Coleoptera: Chrysomelidae) larval feeding and development on maize seedlings. **Joseph Disi**, ¹Simon Zebelo, Joseph Kloeppeper and Henry Fadamiro. Department of Entomology and Plant Pathology, Auburn University; ¹Department of Natural Sciences/ Agric. Food and Resource Sciences, University of Maryland Eastern Shore.

Regular Poster Displays

- RP-1 Incredible, edible insects. **Marianne Shockley** and Gillian Caudill. Department of Entomology, University of Georgia.
- RP-2 Comparative effect of salicylic acid/cinnamic acid and their reduced counter part, salicylaldehyde/cinnamaldehyde on the argentine ant (Hymenoptera: Formicidae). **Matthew Ringler-Lantzy**, Megan Babb, ¹ChulHee Kang and Cathy Lee. Department of Biology, Gordon State College (Barnesville, GA); ¹Department of Chemistry, Washington State University (Pullman, WA).
- RP-3 Prevalence of Wolbachia in ticks collected from southeastern Georgia. **Quentin Fang**, Scott Lawhon and Vondra Crowell. Department of Biology, Georgia Southern University.
- RP-4 Economic impacts of flies on Georgia's beef cattle. **Nancy C. Hinkle**. Department of Entomology, University of Georgia.
- RP-5 Comparison of the efficacy of two mosquito (Diptera: Culicidae) gravid trap designs. **C. Anes**, D. Johnson, J. Linahan, K. Nesbitt, W. Palmer, J. E. Parker, T. Walker, J. Wilson, L. Wysong and M. S. Blackmore. Department of Biology, Valdosta State University.
- RP-6 Efficacy of insect and mite control methods in pecan. **Jim Dutcher**. Department of Entomology, University of Georgia.
- RP-7 Efficacy of insect and mite controls in pecan orchards. **Jim Dutcher**, Tzu-Chin Liu, Will Hudson and ¹Greg Fonsah. Department of Entomology, University of Georgia; ¹Department of Agricultural & Applied Economics, University of Georgia.
- RP-8 Residual effectiveness of chlorantraniliprole (Prevathon™) in soybean with foliar and soil application. **John All**, Dean Kemp, and Phillip Roberts. Department of Entomology, University of Georgia.



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JOURNAL OF ENTOMOLOGICAL SCIENCE

Editor	Wayne Gardner
Associate Editor	David Buntin

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Stan Diffie	Marianne Shockley

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Mark Abney (Chair)

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David Buntin (Chair)	Wayne Gardner
Dan Suiter	Will Hudson

STUDENT AFFAIRS

Kerry Oliver (Chair)	Joni Blount
Lorenza Beati	Matthew Seabolt
Matthew Doremus	

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David Buntin (Chair)	Wayne Gardner
Will Hudson	

AUDIT

Stormy Sparks (Chair)

SITE SELECTION – 2016

David Riley (Chair)	Rajagopalbabu Srinivasan
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GES SCHOLARSHIP

Scott Horn (Chair)
Alan Harvey

Gerald Harrison

O. I. SNAPP AWARD (BEST REGULAR MEMBER PRESENTATION)

Marianne Shockley(Chair)

Ash Sial

T. L. BISSELL AWARD (BEST M.S./B.S. STUDENT PRESENTATION)

Mark Blackmore (Chair)

Xinzhi Ni

C. M. BECKHAM AWARD (BEST PH.D. STUDENT PRESENTATION)

Phillip Roberts (Chair)
Joe Eger

John All

U. E. BRADY AWARD (BEST STUDENT POSTER)

Phillip Roberts (Chair)
David Buntin

Joe Eger

PHOTO SALON

Lisa Ames (Chair)
Joni Blount
Dan Suiter

David Buntin
Kris Braman

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SPORTING EVENTS

Will Hudson, Fishing

John All, Run/Walk



PAST PRESIDENTS

- | | | | |
|------|-----------------------------|------|-----------------------------|
| 1937 | C. H. Alden | 1978 | R. H. Perstage |
| 1938 | C. H. Alden | 1979 | R. B. Henderson |
| 1939 | Theodore L. Bissell | 1980 | James O. Howell |
| 1940 | P. M. Gilmer | 1981 | Alton N. Sparks |
| 1941 | C. H. Alden | 1982 | U. Eugene Brady, Jr. |
| 1942 | M. M. Murphy, Jr. | 1983 | R. F. Nash |
| 1944 | P. W. Fatrtig | 1984 | W. Louis Tedders, Jr |
| 1946 | Oliver I. Snapp | 1985 | Herbert Womack |
| 1948 | W. H. Clarke | 1986 | J. B. O'Neil |
| 1949 | Horace O. Lund | 1987 | J. Larry Zettler |
| 1950 | J. C. Alden | 1988 | James H. Oliver, Jr. |
| 1951 | G. G. Rohwer | 1989 | Louise G. Henry |
| 1952 | W. G. Bruce | 1990 | William L. Tietjen |
| 1953 | William F. Turner | 1991 | Jerry A. Payne |
| 1954 | W. E. Blassingame | 1992 | James R. Collins |
| 1955 | F. E. Allison | 1993 | T. Don Canerday |
| 1956 | Cedric R. Jordan | 1994 | Michael A. Mullen |
| 1957 | H. E. Johnson | 1995 | Keith H. Griffith |
| 1958 | Clifford M. Beckham | 1996 | Frank E. French |
| 1959 | H. Laudani | 1997 | Robert E. Lynch |
| 1960 | J. W. Maxwell | 1998 | Sandy Newell |
| 1961 | O. K. Fletcher, Jr. | 1999 | James D. Dutcher |
| 1962 | W. W. Wells | 2000 | James E. Carpenter |
| 1963 | E. W. Beck | 2001 | Lance G. Peterson |
| 1964 | Loy W. Morgan | 2002 | Daniel V. Hagan |
| 1965 | H. H. Tippins | 2003 | James L. Hanula |
| 1966 | H. L. Pollard | 2004 | G. David Buntin |
| 1967 | H. D. Purswell | 2005 | Wayne A. Gardner |
| 1968 | J. W. Kilpatrick | 2006 | Robert M. McPherson |
| 1969 | Preston E. Hunter | 2007 | John N. All |
| 1970 | R. B. Comoly | 2008 | S. Kristine Braman |
| 1971 | R. Davis | 2009 | John Ruberson |
| 1972 | L. M. Redlinger | 2010 | James Hadden |
| 1973 | J. B. O'Neil | 2011 | Ted Cottrell |
| 1974 | Rudolph T. Franklin | 2012 | David Riley |
| 1975 | Horace O. Yates, III | 2013 | Alan Harvey |
| 1976 | Jerry E. Payne, Sr. | 2014 | Gerald Harrison |
| 1977 | V. Rodney Coleman | 2015 | Scott Horn |



PAST MEETINGS OF THE GES

Meeting Dates

Location

2 April 1937	Agricultural Experiment Station, Experiment
1 April 1938	Georgia Institute of Technology, Atlanta
28-30 Oct. 1938	Okefenokee Swamp, Fargo
6 May 1939	Georgia State College for Women, Milledgeville
14 October 1939	Agricultural Experiment Station, Experiment
6 April 1940	Emory University, Atlanta
7 November 1940	Agricultural Experiment Station, Experiment
5 April 1941	Wesleyan College, Macon
4 April 1942	Emory University, Atlanta
21 March 1944	Piedmont Hotel, Atlanta
29 March 1946	Agricultural Experiment Station, Experiment
10 April 1948	Baldwin Hall-UGA, Athens
30 April 1949	Jekyll Island Hotel, Jekyll Island
3-4 March 1950	American Legion, Fort Valley
9-10 March 1951	Abraham Baldwin Agricultural College, Tifton
7-8 March 1952	Savannah Hotel, Savannah
6-7 March 1953	Hotel Dempsey, Macon
12-13 March 1954	Ida Dunlap Little Library -UGA, Athens
4-5 March 1955	Radium Springs Hotel, Albany
8-9 March 1956	Manger Hotel, Savannah
19-20 March 1957	Rock Eagle 4-H Club Center, Eatonton
5-7 March 1958	King and Prince Hotel, St. Simons Island
4-5 March 1959	Radium Springs Hotel, Albany
30-31 March 1960	New Chemistry Building-UGA, Athens
8-9 March 1961	Wanderer Motel, Jekyll Island
20-22 March 1962	Radium Springs Hotel, Albany
20-22 March 1963	Holiday Inn, Pine Mountain
26-27 March 1964	Corsair Motel, Jekyll Island
9-11 March 1965	Downtown Holiday Inn, Atlanta
23-25 March 1966	Stuckey's Carriage Inn, Jekyll Island
21-23 March 1967	Manger Hotel, Savannah
19-21 March 1968	Elks Club, Albany
18-20 March 1969	Stuckey's Carriage Inn, Jekyll
17-19 March 1970	Downtowner Motor Inn, Albany
16-18 March 1971	DeSoto Hilton, Savannah
15-17 March 1972	King and Prince Hotel, St. Simons Island
28-30 March 1973	Macon Hilton Hotel, Macon
13-15 March 1974	Holiday Inn, Athens
19-21 March 1975	King and Prince Hotel, St. Simons Island
17-19 March 1976*	DeSoto Hilton, Savannah
16-18 March 1977	Downtowner Motor Inn, Albany



PAST MEETINGS OF THE GES

15-17 March 1978	King and Prince Hotel, St. Simons Island
21-23 March 1979*	Quality Inn, Hilton Head Island, SC
19-21 March 1980	Ramada Inn West, Macon
18-19 March 1981	Rural Development Center, Tifton
24-26 March 1982	History Village Inn & Conference Center, Athens
23-25 March 1983	Downtowner Motor Inn, Albany
21-23 March 1984	Buccaneer Motor Lodge, Jekyll Island
20-22 March 1985	Rural Development Center, Tifton
24-26 March 1986*	Sheraton Resort & Country Club, Savannah
18-20 March 1987	Quality Inn- Buccaneer, Jekyll Island
23-25 March 1988	Georgia Southern Col., Statesboro
22-24 March 1989	Univ. of Georgia, Athens
28-30 March 1990	Unicoi Lodge & Conference Center, Helen
27-29 March 1991	Callaway Gardens, Pine Mountain
25-27 March 1992	Clarion Resort Buccaneer, Jekyll Island
24-26 March 1993	Georgia Center for Continuing Ed., Athens
23-25 March 1994*	Sheraton Charleston Hotel, Charleston, SC
29-31 March 1995	Merry Acres Motel, Albany
27-29 March 1996	Holiday Inn-Midtown, Savannah
16-17 April 1997	Unicoi State Park, Helen
16-17 April 1998	Buccaneer Motor Lodge, Jekyll Island
14-16 April 1999	Rural Development Center, Tifton
6-7 April 2000	Georgia Center for Continuing Education, Athens
4-6 April 2001*	Georgia Mountain Center, Gainesville
3-5 April 2002	Georgia Southern University, Statesboro
2-4 April 2003	Holiday Inn, Jekyll Island
31 March - 2 April 2004	Callaway Gardens, Pine Mountain
30 March - 1 April 2005	Georgia Center for Continuing Education, Athens
29-31 March 2006	Holiday Inn, Jekyll Island
16-18 May 2007	Georgia Center for Continuing Education, Athens
2-4 April 2008	Lake Blackshear Resort and Golf Club, Cordele
1-3 April 2009	The Ridges Hotel and Resort, Hiawassee
6-8 October, 2010*	Hickory Knob State Park, McCormick, SC
6-8 April 2011	Lake Blackshear Resort & Golf Club, Cordele
4-6 April 2012	Holiday Inn, Statesboro
10-12 April 2013	Amicalola Falls State Park, Dawsonville
9-11 April 2014	James H. Rainwater Conference Center, Valdosta
9-10 April 2015	Villas by the Sea, Jekyll Island

*Joint meeting of the *Georgia Entomological Society* and the *South Carolina Entomological Society*



SPEAKER SCHEDULE

AKOTSEN-MENSAH, CLEMENT	FRIDAY, APRIL 8	9:10 A.M.
BLACKMORE, MARK	THURSDAY, APRIL 7	4:20 P.M.
BLOUNT, JONI	THURSDAY, APRIL 7	3:40 P.M.
BUNTIN, DAVID	FRIDAY, APRIL 8	9:40 A.M.
EGER, JOE	FRIDAY, APRIL 8	8:50 A.M.
EVANS, RICHARD	THURSDAY, APRIL 7	2:10 P.M.
GADHAVE, KIRAN	FRIDAY, APRIL 8	8:40 A.M.
GARDNER, WAYNE	THURSDAY, APRIL 7	8:15 A.M.
GOCHNOUR, BEN	THURSDAY, APRIL 7	1:30 P.M.
GRANT, JOSHUA	THURSDAY, APRIL 7	2:00 P.M.
HADDEN, WHITNEY	THURSDAY, APRIL 7	2:30 P.M.
HARRIS-SHULTZ, KAREN	FRIDAY, APRIL 8	9:30 A.M.
HARTY, THOMAS	THURSDAY, APRIL 7	2:40 P.M.
KNIGHT, IAN	THURSDAY, APRIL 7	3:50 P.M.
LAI, PIN-CHU	THURSDAY, APRIL 7	3:30 P.M.
LIU, TZU-CHIN	THURSDAY, APRIL 7	2:50 P.M.
MCCLELLAN, PATRICK	THURSDAY, APRIL 7	4:30 P.M.
MONDOR, EDWARD	THURSDAY, APRIL 7	4:00 P.M.
NI, XINZHI	FRIDAY, APRIL 8	8:30 A.M.
OLIVER, KERRY	THURSDAY, APRIL 7	10:15 A.M.
PENICK, CLINT	THURSDAY, APRIL 7	10:40 A.M.
PHELAN, BRENT	THURSDAY, APRIL 7	1:40 P.M.
PORTIER, TREY	THURSDAY, APRIL 7	2:20 P.M.
RICH, ANNIE	THURSDAY, APRIL 7	1:50 P.M.
RILEY, DAVID	FRIDAY, APRIL 8	9:20 A.M.
ROBERTS, PHILLIP	FRIDAY, APRIL 8	10:00 A.M.
SHAPIRO-ILAN, DAVID	THURSDAY, APRIL 7	4:10 P.M.
SIAL, ASH	FRIDAY, APRIL 8	9:50 A.M.
SUITER, DAN	FRIDAY, APRIL 8	9:00 A.M.
SUMERFORD, DOUGLAS	THURSDAY, APRIL 7	11:05 A.M.
TOEWS, MICHAEL	THURSDAY, APRIL 7	11:30 A.M.



STUDENT POSTERS

- DIFFIE, AUBURN STUDENT POSTER (SP-1)
- DISI, JOSEPH..... STUDENT POSTER (SP-2)

REGULAR POSTER DISPLAYS

- ALL, JOHN REGULAR POSTER (RP-8)
- ANES, C..... REGULAR POSTER (RP-5)
- DUTCHER, JIM..... REGULAR POSTER (RP-6 & 7)
- FANG, QUENTIN REGULAR POSTER (RP-3)
- HINKLE, NANCY C..... REGULAR POSTER (RP-4)
- RINGLER-LANTZY, MATTHEW.. REGULAR POSTER (RP-2)
- SHOCKLEY, MARIANNE. REGULAR POSTER (RP-1)



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Thanks to those who provided
support for our meeting:

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