

Ruff Installed as President of MES



Wilson L. Ruff, P.E.

Wilson L. Ruff, P.E., of Hattiesburg, was installed as President of the Mississippi Engineering Society at the Tri-State Engineering Societies summer meeting in Orange Beach, AL which was held in June.

Ruff is a graduate of Mississippi State University with a Bachelor of Science in Civil Engineering, 1994. He is also a 1989 graduate of Belhaven College holding a Bachelor of Arts degree.

Ruff, the Materials Engineer for District Six of the Mississippi Department of Transportation, has been an active member of the Mississippi Engineering Society for many years.

New MES Award Philip C. Gee College of Fellows

The Board of Directors for Mississippi Engineering Society is proud to announce a new MES Award, the Philip C. Gee College of Fellows. This award recognizes and honors those licensed members of MES who have demonstrated exemplary service and dedication to the profession, the Society, and the community as a whole while maintaining the highest standards of integrity and honor.

Philip C. Gee, P.E., F.NSPE has been an instrumental member in making MES the honorable and effective organization it has become. His dedication to protecting the health, safety and welfare of the public has been paramount throughout his career. He achieved his goals with determination and vigor yet never compromised his ethics or integrity. Phil has been committed to his calling as an engineer and served as an excellent steward of the profession in his numerous roles with the Mississippi Engineering Society.

The Philip C. Gee Fellow designation will be given annually to those members who embody the dedication, commitment and ethical discipline that Phil Gee exhibited in his years of service to his community, his state, his nation, his profession and the Mississippi Engineering Society.

2013 MES Winter Meeting
March 6-8
Jackson Convention Center, Jackson, MS

Mississippi Engineering Society
Members Can Save Money
by using UPS...Enroll Today!



www.savewithups.com/mes

2012-13 MES OFFICERS

President	Wilson Ruff, P.E.
President Elect	John Sparks, P.E.
Past President	Jocelyn Pritchett, P.E.
Secretary-Treasurer	Laura Sheely, P.E.
Secretary-Treasurer Elect	Brad Fletcher, P.E.
Vice President, Region 1	Bob Mabry, P.E.
Vice President, Region 2	Matt Tillman, P.E.
Vice President, Region 3	Jeff Williams, P.E.

Engineer's Creed

As a Professional Engineer, I dedicate my professional knowledge and skill to the advancement and betterment of human welfare.

I pledge:

- *To give the utmost of performance*
- *To participate in none but honest enterprise*
- *To live and work according to the laws of man and the highest standards of professional conduct*
- *To place service before profit, the honor and standing of the profession before personal advantage, and the public welfare above all other considerations*

*In humility and with need for Divine Guidance,
I make this pledge.*

Adopted by NSPE, June 1954

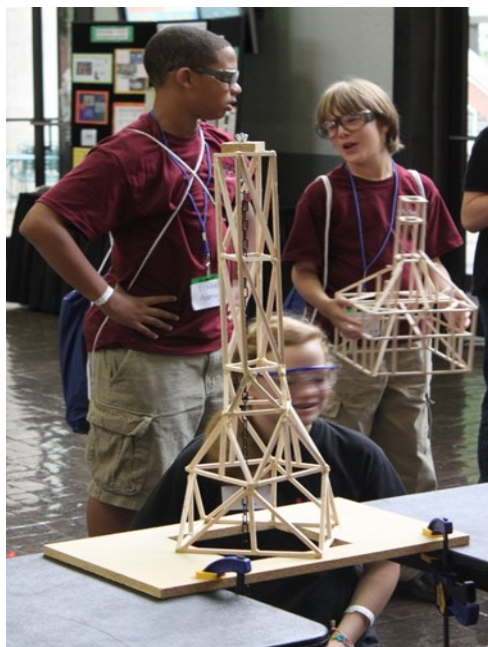
MES FACT

Calendar of Events for 2013

<u>Date/Time</u>	<u>Event</u>	<u>Location</u>
January 10	MES Executive Committee Meeting	Teleconference
January 18	Deadline for Receipt of Award Nominations	
February (all month)	MATHCOUNTS Chapter Competitions	
February 17-23	National Engineers Week	
March 6-8	MES Winter Meeting	Jackson Convention Center
March 23	MATHCOUNTS State Competition	Jackson Preparatory School Flowood, MS
April 19	MES Executive Committee Meeting	Teleconference
May	Chapters Elect New Officers	
May 10-13	National MATHCOUNTS Competition	Washington, D.C.
May 9	MES Executive Committee Meeting	Teleconference
June 14	Deadline for Chapters to Notify Headquarters of New Officers/Chapter Dues	
June 9-12	Tri-State (LA-MS-AL) Summer Meeting	Sandestin, FL
July 17-21	NSPE Annual Convention	Minneapolis, MN

Science Olympiad

By Doug Wimberly, P.E.



Towers

As most of you know, MES is a sponsor for the Mississippi Science Olympiad which had its statewide tournament back in March. They had 22 B Division (grades 6-9) and 18 C Division (grades 9-12) teams compete. Approximately 550 students attended, along with numerous coaches, parents, and chaperones. There were 23 regular events as well as 2 trial events for each division. A couple of the events, Towers and Robot Arm, are shown.



Robot Arm

The winning teams and their coaches for this past year were:

Division B

1st--Parklane Academy B, coach Sid Siebert

2nd--Germantown Middle School, coach Amy Hubbard

3rd--St. Patrick Catholic School, coach Janice Marie Ferguson

Division C

1st--Parklane Academy C, coach Lisa Loper

2nd--MS School for Math and Science, coach Bill Odom

3rd--Madison Central High School, coach Michelle Robinson

Dr. William Powell, associate provost, presented the 2 Presidential Scholarships to students from North Pike High School: Matthew Davis and Leeanna Hodges. Students had to apply and write an essay in order to be considered for the scholarship, which gives them each \$500 toward tuition at USM. A Spirit Award was also given to the team that showed the best sportsmanlike conduct and embodied the overall spirit of the Science Olympiad competition. This year's winning team was Madison Central High School.

Schools are in the middle of pulling together their teams for 2013 and will start work soon on the projects needed **to compete**. The tournament events they will be having this year may be seen at <http://www.usm.edu/science-math-education/2013-mississippi-science-olympiad-events>. Please check this out and contact a school near you to see how you can help out.

Scholarships Available

If you know an engineering student, be sure to remind them about the MES Scholarship Fund.

Applications and directions on how to apply are available on the MES website at www.msengsoc.org.

IN MEMORIAM

Let us say farewell to our friends who have left us in 2012. They were an inspiration to the Society, to the Engineering Profession, and will be greatly missed.

We extend our deepest sympathies to their families and friends.

Mentoring

Engineers, both young and experienced, all agree: **Mentoring is Important.**

Young engineers realize the importance of good mentors to shape their career development. Experienced engineers provide discipline, a strong work ethic, and a hands on working knowledge. Young engineers bring innovative ideas and new technology.

Together, they form a collaboration between generations that helps the world evolve and change.

Be a Mentor Make a Difference

You can become a mentor by getting involved with students ranging from elementary school to college in the areas of Science and Mathematics, or by helping young engineers new to the job.

Did You Know?

MES functions on three levels:

Local
State
National

Call MES at 601-919-1818 to find out how you can get involved.

YOU can help shape the future of the Engineering profession!

15 PDHs FREE

MES Members

Visit www.nspe.org for details

Supporting Engineering Firms

Consulting engineering firms contributing financially to the support of this newsletter and other programs of the Mississippi Engineering Society.

ADVANCED ENGINEERING RESOURCES, INC.
Structural Engineers
120 Solleftea Drive, Madison, MS 39110
(601) 853-3006

ATKINS
Engineering-Planning
4 River Bend Place, Suite 210, Jackson, MS 39232
(601) 936-7228

BATSON & BROWN, INC.
Consulting Engineers & Surveyors
11267 Old 63 South, Lucedale, MS 39452
Lucedale Gautier Wiggins

BROWN, MITCHELL & ALEXANDER, INC.
521 34th Street, Gulfport, MS 39507 (228) 864-7612
796 Vieux Marche, Biloxi, MS 39530 (228) 436-7612

CALVERT-SPRADLING ENGINEERS, INC.
Consulting Engineers
P. O. Box 1078, West Point, MS 39773
(662) 494-7101

COMPTON ENGINEERING, INC.
P.O. Box 686, Pascagoula, MS 39568
(228) 762-3970
www.comptonengineering.com

COOK COGGIN ENGINEERS, INC.
Consultants
P. O. Box 1526, 703 Crossover Rd., Tupelo, MS 38802
701 Foote St., Corinth, MS 38834
200 Hotel St., Booneville, MS 38829

DIVERSIFIED CONSULTANTS, INC.
395 Edgewood Terrace, Jackson, MS 39206
(601) 366-6408

ELLIOTT & BRITT ENGINEERING, P.A.
Engineers-Consultants-Surveyors
823 North Lamar Blvd., P. O. Box 308
Oxford, MS 38655 (662) 234-1763

ENGINEERING PLUS, INC.
1724-B 23rd Avenue, Meridian, MS 39301
1112 Main Street, Columbus, MS 39701
(601) 693-4234 (662) 327-4230
www.engineeringplus.com

ENGINEERING SERVICE
Consulting Engineers & Surveyors
235 W. Lorenze Blvd., Jackson, MS 39216

FLORENCE & HUTCHESON, INC.
Consulting Engineers
1989 Oak Tree Cove, Suite A, Hernando, MS 38632
(662) 449-1339 Fax (662) 449-1323
www.flohut.com

GEOTECHNICAL ENGINEERING ASSOC., LLC
P.O. Box 86, Brandon, MS 39042
(601) 824-2060

GRESHAM, SMITH AND PARTNERS MS, P.C.
385-B Highland Colony Parkway, Suite 401
Ridgeland, MS 39157
(601) 991-2393
www.gsp.net

HAZCLEAN ENVIRONMENTAL CONSULTANTS, INC.
160 Upton Drive, Jackson, MS 39209
(601) 922-0766 Fax: (601) 922-7927
www.hazclean.com

THE JOHNSON-MCADAMS FIRM, P.A.
108 W. Market Street, Greenwood, MS 38930
662/455-4943 Fax (662) 455-3381
www.jmcfirm.com

JORDAN, KAISER & SESSIONS, LLC
Engineers & Surveyors
Natchez, MS 39120
(601) 442-3628 FAX (601) 442-5511
www.jksllc.com

KNESAL ENGINEERING SERVICES, INC.
Consulting Engineers, Surveyors & Planners
14321 Creosote Road, Gulfport, MS 39503
(228) 867-9100 Fax (228) 865-0043
kes2008@knesalengineering.com

MAXWELL T. HUFF CONSULTING ENGINEER
3000 Old Canton Rd
Jackson, MS 39216
(601)362-8271

MENDROP-WAGES, LLC
Civil Engineers and Surveyors
834 Wilson Drive, Suite A, Ridgeland, MS 39157
(601) 899-5158 Fax (601) 899-5110

MICHAEL BAKER JR., INC.
Consulting Engineers & Surveyors
310 New Pointe Dr, Ridgeland, MS 39157
(601) 607-8700

NEEL-SCHAFFER, INC.
Engineers and Planners
Headquartered in Mississippi
With locations throughout the South
www.neel-schaffer.com

PICKERING FIRM, INC.
Engineering / Surveying
601.956.3663
www.pickeringfirm.com

PRITCHETT ENGINEERING & PLANNING, LLC
797 Liberty Rd, Suite 200
Flowood, MS 39232
(601) 497-5855
www.pritchettplans.com

SHOWS, DEARMAN & WAITS, INC.
P. O. Box 1711
Hattiesburg, MS 39403
(601) 544-1821 Fax (601) 544-0501
www.sd-w.com

SPENCER-ENGINEERS, INC.
Consultants
P. O. Box 4328, 2675 River Ridge Drive
Jackson, MS 39296 (601) 982-7766

SPRINGER ENGINEERING, INC.
206 Old West Point Road
Starkville, MS 39759
(662) 323-9526

STANTEC
Specializing in transportation and municipal
infrastructure engineering and planning services
Jackson (601) 354-0696 Vicksburg (601) 638-2642
www.abmb.com

TERRACON
859 Pear Orchard Rd
Ridgeland, MS 39157
(601) 956-4467
www.terracon.com

WAGGONER ENGINEERING, INC.
Jackson, Hernando, Gulfport
800-661-3733
www.waggonereng.com

WAGNER CONSULTING GROUP, INC.
DEVELOPING PEOPLE & SUCCESSION PLANS
P.O. Box 941
Madison, MS 39110
(601) 853-0076
twagner@wagnercg.com
www.wagnercg.com

W ENGINEERING & GEOTECHNICAL
322 Magnolia Drive
Wiggins, MS 39577
(601) 925-5981
wepa@bellsouth.net
www.wengineeringpa.net

WILLIS ENGINEERING, INC.
133 South Mound Street, Grenada MS 38901
(662) 226-1081
www.willisenengineering.net

WGK, INC.
Engineers & Surveyors
Clinton (601) 925-4444
Brookhaven (601) 833-9598
www.wgkengineers.com

W. L. BURLE ENGINEERS, P.A.
Consulting Engineers & Surveyors
111 S. Walnut Street, Greenville, MS 38701
Greenville, Oxford, Jackson

Sustaining Organizations

Organizations which assist the Mississippi Engineering Society in its efforts to promote the advancement of engineering.

ADVANCED DRAINAGE SYSTEMS, INC.

115 West Crown Point Road
Winter Garden, FL 34787
1-800-733-0535
www.ads-pipe.com

APAC-MISSISSIPPI, INC.

Asphalt Paving Contractors
Canton, Columbia, Columbus, Corinth,
Greenville, Jackson, Meridian, Rosedale,
Starkville, Tupelo, Vicksburg, West Point, Yazoo City

ATMOS ENERGY CORPORATION

4155 Industrial Drive
Jackson, MS 39209
(601) 961-6788

CONTECH CONSTRUCTION PRODUCTS, INC.

CMP, Structural Geogrids, Bridge Systems,
Metric Sheeting, Stormwater Treatment Systems,
Fabrics, Erosion Control, Retaining Walls
Northern MS 601-924-4269
Southern MS 601-268-1049

CONTROL SYSTEMS, INC.

Controls for the Environment
SCADA Systems for your City or Water Association
909 Quinn Street, Jackson, MS 39202
(601) 355-8594

DUNN ROADBUILDERS, LLC

Full Service Asphalt Paving Contractor
P. O. Drawer 6560, Laurel, MS 39441-6560
Phone (601) 649-4111 Fax (601) 425-4644
Website: www.dunnroadbuilders.com

ELECTRIC POWER ASSOCIATIONS OF MISSISSIPPI

685 Highland Colony Parkway
Ridgeland, MS 39157
(601) 605-8600
www.epaofms.com

ENTERGY MISSISSIPPI, INC.

P. O. Box 1640, Jackson, MS 39215
www.entergy-mississippi.com

ERGON ASPHALT & EMULSIONS, INC.

Asphalt Cement Products & Technology
P. O. Drawer 1639, Jackson, MS 39215

GULF STATES ENGINEERING CO., INC.

700 Channel 16 Way
Jackson—601-022-1364
8381 Industrial Drive
Olive Branch—662-890-4768
Pumps – Blowers – Compressors – Process
www.gsengr.com

HOWARD INDUSTRIES, INC.

Distribution & Medium Power Transformers
Howard Technology Solutions—Network Services &
Products, Servers, Computers,
150,000 Technology Products
Howard Lighting—Lamps, Outdoor and Indoor Products,
LED Products
(601) 425-3151
www.howardcomputers.com www.howard.com

J. H. WRIGHT & ASSOCIATES, INC.

Water & Wastewater Pumping Systems
Box 1085, 27395 Pollard Road, Daphne, AL 36526
Phone: (251) 621-1491 www.jhwright.com

MAGNOLIA PUMP & EQUIPMENT, INC.

P.O. Box 227
Pelahatchie, MS 39145
(601) 331-2747
www.magnoliapump.com
Locally Owned and Operated
Water/Wastewater Pumps & Packages/Crane Trucks/
Service Department

MISSISSIPPI ASPHALT PAVEMENT ASSN.

711 N. President St, Jackson, MS 39205
www.superpave.com
(601) 948-5495

MISSISSIPPI CONCRETE INDUSTRIES ASSN.

6700 Old Canton Road, Suite K
Ridgeland, MS 39157 • (601) 957-5274
www.mississippiconcrete.com

MISSISSIPPI POWER

A Southern Company
2992 West Beach Blvd., Gulfport, MS 39501
1-800-251-1943

MISSISSIPPI ROAD BUILDERS' ASSOCIATION

P. O. Box 22524, Jackson, MS 39225-2524
(601) 948-8825

MISSISSIPPI STATE UNIVERSITY BAGLEY COLLEGE OF ENGINEERING

Box 9544, Room 250, McCain Hall
Mississippi State, MS 39762
(662) 325-2270
www.bagley.msstate.edu

MMC MATERIALS, INC.

Rodney Grogan, President
P.O. Box 2569
Madison, MS 39130
Email: rgrogan@mmcmaterials.com
www.mmcmaterials.com

OLDCASTLE PRECAST

406 Beth Drive, Franklin, LA 70538
(337) 241-3767
www.oldecastle.com

PEARL RIVER VALLEY ELECTRIC POWER ASSOCIATION

A "Touchstone Energy" Cooperative
Columbia, Hattiesburg, Purvis, Wiggins, MS
www.prvepa.com

SOUTH MS ELECTRIC POWER ASSOCIATION

P. O. Box 15849
Hattiesburg, MS 39404
(601) 268-2083

SUNBELT SEALING, INC.

Pavement Maintenance & Pressure Grouting
Jackson, MS www.sunseali@bellsouth.net
(601) 352-6900 Fax: (601) 355-8885

THE UNIVERSITY OF MISSISSIPPI SCHOOL OF ENGINEERING

University, Mississippi 38677
(662) 915-7407

TAYLOR POWER SYSTEMS, INC.

415 Hwy 49 South, Richland, MS 39218
(601) 922-4444
Manufacture, Sell, Service and Rent Generators
www.taylorpower.com