



PROVIDING LEADERSHIP FOR CAMPUS GROWTH

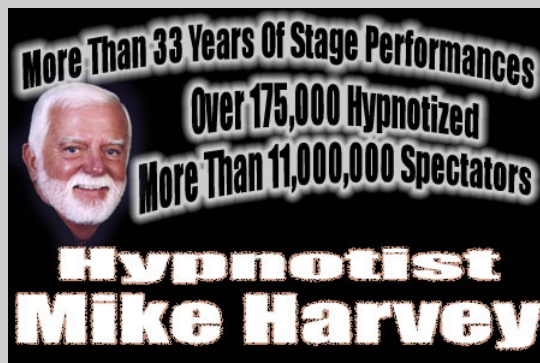
It is time again to attend the GAPPA annual meeting and trade show. As usual, the conference will be a great place to learn about new issues, network, and have a great time. So please sign up as soon as possible as spaces fill up quickly.

To sign up, get in touch with Anton Kashiri or check GAPPA web site. www.gappa.org. (770) 528-7256 or akashiri@spsu.edu

2004 GAPPA Annual Meeting & Trade Show
May 29 - June 2, 2004
Holiday Inn Jekyll Island

Annual meeting Entertainment

Get ready for the most exciting and entertaining event you have ever been to. Right after the annual award banquet, MIKE HARVEY will have the ultimate comedy show of Hypnosis.



His shows have been amazing, as well as impressive.

You can watch Mike create the ultimate comedy show using the power of hypnosis. You have never seen a show like this. You will be amazed! You will become a believer! You will laugh till you cry!

His shows are clean, using no blue humor, and he does not suggest that his volunteers do anything that may embarrass them. He is meticulous in his respect for the individual's sense of self. The volunteers become the stars of the show. After watching his show, you will leave knowing that you have been ROYALLY ENTERTAINED!!!!

2004 GAPP A Annual Conference Agenda

SATURDAY, MAY 29th

2:00 pm – 3:00 pm Pre-Conference Workshop / “Is Privatization the answer to budget woes?” Pros & Cons/Panel Discussion

SUNDAY, MAY 30th

8:30 am Golf Outing / Meet at Jekyll Island Golf Club’s Pine Lakes Course

4:00 pm – 07:00 pm Trade Show

7:30 pm – 10:00 pm Vendor’s Appreciation Dinner & Casino Night. Starts with dinner in the dining room, and follows with casino night in the lobby.

7:30 pm – 10:00 pm Children’s Entertainment Program

MONDAY, MAY 31st (Memorial Day)

8:30 am – 10:00 am Opening Breakfast / Annual Business Meeting

10:00 am – 12:00 pm Spouses Program / Bingo

10:00 am – 12:00 pm Trade Show /Exhibit Hall Open

12:00 pm – 1:30 pm LUNCH

12:30 pm – 2:00 pm Spouses Program Lunch—Trolley picks up from Holiday Inn and spouses will enjoy lunch at the Solterra Café.

2:00 pm – 5:00 pm Dolphin Tour / Depart from Jekyll Harbor Marina and enjoy a tour of Cumberland Island.

1:30 pm – 2:30 pm “Fire Safety 101—Reducing Risk on Campus”

2:30 pm – 3:30 pm “Hydronic Heating”

TUESDAY, JUNE 1st

8:00 am – 9:00 am “The LEED Program in the Southeast”

9:00 am – 10:00 am “Restoration of the Old Governor’s Mansion in Milledgeville, GA”

10:00 am – 10:30 am BREAK

10:30 am – 11:30 am “Privatized Housing”

11:30 pm – 1:00 pm LUNCH

1:00 pm – 2:00 pm “Conflict Management”

2:00 pm – 3:00 pm “Lighting Control ABCs...get the right control for your schools

3:00 pm – 3:30 pm BREAK

3:30 pm – 4:30 pm “Underground Utility Information—A benefit you can’t live without ”

6:30 pm – 7:30 pm Cocktail Reception

6:30 pm – 10:00 pm Children’s Program & Pizza Party

7:30 pm – 9:00 pm Annual Awards Banquet

9:00 pm Entertainment—Mike Harvey, Hypnotist

WEDNESDAY, JUNE 2nd

8:00 am – 9:30 am Closing Breakfast

9:30 am – 10:30 am “ Mold—Is it the next Asbestos?”

11:00 am – 12:30 pm Experience and Exchange & Closing

GAPPA NEWS

GAPPA President's Corner

By Lee Richey/ Kennesaw State Foundation



Soon it will be time to pack up our vehicles and families to drive to Jekyll Island for our 21st Annual GAPPA meeting and Trade Show. Your Board has assembled an interesting and informative overall program and Trade Show designed to invoke discussion and interaction. We want everyone to have fun - plus learn something to assist in facing the daily task of plant operations in our facilities. Hopefully the combination of invigorating climate, family fun and challenging curriculum will send you back to your respective campuses armed with some rest/relaxation, but also new ideas and concepts. I hope you all can attend because it should be the most important

conference you can schedule this year. If you want to attend and your campus cannot afford to send at least the Chief Facilities Officer, please let me know.

This year's GAPPA Theme is "Providing Leadership for Campus Growth". Our Workshops have definitely offered opportunity to each of us to learn something about our chosen career. As leaders on our respective campuses, we must be up-to-date on new and different processes/methods/equipment, personnel matters, etc., but we are also responsible to provide training to our staffs in their developing careers as well. Oftentimes, folks are placed in leadership positions without the necessary tools. It is up to each of us to provide learning opportunities - such as attending the APPA Institute (please remember that GAPPA will sponsor 4 of these scholarships per

year - see our web site for details), or other pertinent training on or off campus to "grow" our staff to move up to the next career level. I have found this personal interaction to be a daily process - but very rewarding when these individuals mature into great leaders themselves.

Bill Halabi is putting the finishing touches on our first-ever GAPPA History Book (encompasses our first 21 years) - documented with many pictures and past achievements. If you have been a member of GAPPA for more than a couple of years, you will probably find yourself somewhere in this unique history. The Board has agreed to provide a copy to each GAPPA member at the Annual Meeting, so you need to be there.

Sincerely

Lee H. Richey, President GAPPA

2004 Vendors

2 WR Andras, Inc.
A. Vincent Pope & Associates
ALC Controls
Andrews, Hammock & Powell
Atlanta Cabinet Shop, Inc.
Best Access Systems
Boiler Supply Company
Bradfield Richards Rhodes
Brasfield & Gorrie, LLC
Calloway Engineered Systems
Carapace / Dupont Surfaces
Carl Walker, Inc.
CGL Engineering
Classic Groundcovers
Club Car
Commercial Business Associates
Concord Project Consulting, inc.
Duron, Inc.
E M C Engineers, Inc.

Essex Industries
Ewing Irrigation
Ewing Irrigation
Georgia Power
Georgia Trane
Gleeds USA, Inc.
Heat Transfer Systems Ltd., Inc.
Heat Transfer Systems Ltd., Inc.
Heery International, Inc.
Holstein and Associates, Inc.
Imaging Technologies
Ingersoll - Rand Security /Safety Interface, Inc.
ISES Corporation
James L. Cox & Associated
KI (Kelly L. Haner)
KLG Atlanta, Inc.
Lord Aeck Sargent, Inc.
Lyman Davidson Dolleyl, Inc.

Major and Associates, Inc.
Mallroy & Evans Service Co.
MasterCraft Renovatiion Syst
Michael E. Clark & Associates
Michael Greene (Renew solu.)
Michelle Robb (Carrier)
Millard, Inc.
Parker Young Construction
Phillips-Langley & Associates
Quincy Compressor
RDA Engineering
RHD Services, Inc.
Sanco Product Company
Sarna
Schwietzer Group, Inc. (SGI)
Siemens
Site Design Services, Inc.
Southern Electricom Company

Spencer Engineering, Inc.
Spotswood Associates
Stevens & Wilkinson Stang
Stevenson & Palmer Engineer-
ing
The Facility Group
The Winter Construction Co.
Thermal Recovery Systems
Tibs Group
Tolson, Simpson & Associates
Tremco, Inc.
Turner Construction
United Consulting
W W Cole (Associated agents)
Wolverton & Associates, Inc.
York International

GAPPA Scholarship Program

Focus: To stimulate further development in the field of facilities management and to advance the purposes of the Association.

Purpose: To provide financial assistance to qualifying Association Members who strive for job enhancement through education and training.

Only persons employed full-time in the field of facilities management for at least 12 months at a GAPPA member institution are eligible. Preference will be given to persons who plan to continue a career in facilities management and who display high motivation and leadership ability.

The GAPPA Board of Directors based on recommendations from the Scholarship Committee will select scholarship recipients. Scholarships will be awarded on an individual basis.

GAPPA scholarships are typically awarded for attendance at three categories of education and training programs:

1. Attendance at **APPA's Institute for Facilities Management**. The scholarship award will be made for the applicant to attend all four phases of the Institute program. At least one phase should be attended annually. Attendance at consecutive phases to complete the program in two years is encouraged. The scholarship amount will be for up to \$2,000 for each phase of the program to cover tuition, travel expenses, lodging, and meals. The sponsoring institution will be responsible for any expenses exceeding \$2,000. Once the scholarship award has been made, the recipient should notify the scholarship committee chairperson in advance of attending a phase to insure funding for reimbursement is available.
2. Attendance at **APPA's Leadership Academy**. The scholarship amount will be up to \$2,000 to cover tuition, travel expenses, lodging, and meals. The sponsoring institution will be responsible for any expenses exceeding \$2,000.
3. Attendance at degree-track courses from **accredited educational institutions**, job related vocational or technical training, certifications or licenses (i.e. HVAC, EPA, Pesticides, etc.), and professional development seminars. The scholarship amount will be up to \$2,000 annually until completion of the course of study to cover tuition, travel expenses, lodging, and meals. The sponsoring institution will be responsible for any expenses exceeding \$2,000. The recipient should notify the scholarship committee chairman in advance of attending a second or subsequent year of study to insure funding for reimbursement is available.

Individuals should complete the scholarship application form to include recommendations and signatures from their supervisor and the Director of Physical Plant at the sponsoring institution. Additional weight may be given to applications that are accompanied by letters from their supervisor explaining the benefits the training will bring to the institution. Recommendations should be provided on institution letterhead and mailed to the chairperson of the GAPPA scholarship committee. Do **NOT** submit applications by E-mail.

The Scholarship Committee will review the applications with recommendations for award presented to the GAPPA Board. Applications should be submitted by July 15, October 15, January 15, and April 15 to insure consideration at the next quarterly GAPPA Board meeting.

**For more information, Please get in touch with
Jodie Sweat, Scholarship Chairperson
Kennesaw State University
Phone; 770.423.6224 jsweat@kennesaw.edu
Or WWW.GAPPA.ORG**

**APPA Institute for Facilities Management 12-16
September 2004
Queen Elizabeth Hotel
Montreal, Canada**

Job Opening at Emory

We currently have a great opportunity for a **Manager, Engineering Services**. Reporting to the Director of Plant Operations, organizes, coordinates and manages the overall administration of engineering support services for the university. Develops and implements departmental guidelines, policies, procedures, and programs pertaining to engineering services, including the maintenance of Emory University design standards for engineered systems. Is responsible for the planning, design, and documentation for all campus infrastructure and site engineered services. Represents the department by serving on various campus, community and county committees. Works with constituents on long-range campus planning issues. Plans, organizes and assigns work and special projects to effectively utilize available resources. Supervises a staff of professional engineers. Performs related responsibilities as required.

MINIMUM QUALIFICATIONS: A bachelor's degree in engineering. Seven years of experience involving design, construction and contract procedures which includes three years of related supervisory experience. General knowledge of building codes, state and federal regulations, energy conservation principles and building systems operation and design.

Preferred Qualifications: The ideal candidate will have five to ten years' supervisory experience, preferably in a university setting. In addition experience in traffic engineering, a civil engineer or someone who is a licensed professional engineer. They will be able to stamp documents with experience in environmental engineering, proven experience working with utility companies, county officials, and various committees (such as neighborhood or environmental committees). They will be responsible for overseeing a engineering services staff (currently 5 employees), oversee all plans for all capital projects, coordinate all campus plan (master plan) infrastructure planning, coordinate all utility/county work for infrastructure plans/repairs, ensuring all projects adhere to campus standards, oversee all current utility/energy infrastructure and plan upgrades.

We offer competitive salaries and world-class benefits including major medical/dental/vision/life insurance, disability insurance, paid holidays/vacation, tuition assistance, a generous employer matching 403(b) retirement plan and courtesy scholarships for family members and same-sex domestic partners. For more information about our benefits, please visit our website at:<http://emory.hr.emory.edu/benefits.nsf/>

A career with Emory University affords a level of prestige and stability not found in many Atlanta Employers of Choice. We invite you to become a part of the Origins of Excellence!

Please submit your resume via (online from) the Emory Careers Website at <http://emory.hr.emory.edu/careers.nsf/>

Emory University is an AA/EOE Employer

Georgia Tech Facilities Engineering Keeps MOCVD Lab on Fast Track

Article reprinted with the permission of Steve Knapp of Knapp Communications, and Don Alexander of Georgia Tech.

When Dr. Russell Dupuis, an innovator in LED technology and recipient of the National Medal of Technology, agreed in 2002 to move his research effort to the Georgia Institute of Technology, it created quite a challenge for the facilities staff.

"We were charged with creating a new MOCVD (metal-organic chemical vapor deposition) lab for Dr. Dupuis," says Don Alexander, institute engineer for Georgia Tech's design and construction department. "Normally, this would have been about a two year process, but the administration wanted it in place in a year. That meant we had to do some creative project management to make it happen."

Busy Building Gets New Infrastructure

Dr. Dupuis' new chip fabrication lab was slated to go into Tech's Bunger-Henry Building, a 1960s era facility housing research, office, and classroom space for the School of Electrical and Computer Engineering. Alexander knew the building would require extensive infrastructure upgrades to meet the install deadline, including changes to the existing HVAC, electrical, and plumbing systems. The lab requirements were massive also which required, 5,800 sq-ft of "class 100 cleanroom" space, hazardous gas storage and distribution facilities. Also 9,000 gallons of liquid nitrogen and 9,000 gallons of liquid hydrogen facilities was required.



At the same time, Bunger-Henry had to remain

open and accessible even as crews worked at an accelerated pace. To determine the best strategy for handling the modifications without inconveniencing staff, faculty, or students, Alexander hired EMC Engineers, Inc. for the main infrastructure upgrade, to study the facility's infrastructure and develop a master plan that would support the installation of the MOCVD lab. Power Engineers for the Design of the lab and cleanroom facilities. Facilities Engineering designed the liquid nitrogen and hydrogen facilities with Richard+Wittschiebe Architects as supporting Architects.

We had just 90 days to collect field data, interview staff, develop design concepts and construction cost estimates, and put everything into a master plan. It was tight deadline not only because of the complexity of the project but because we had to anticipate how the infrastructure work would be coordinated among contractors who would be on the project at the same time. CUSHMAN & WAKEFIELD supported us in overall project scheduling and management of all the construction projects.

EMC's study identified needed infrastructure additions and upgrades. Their recommendations addressed the immediate requirements for the MOCVD lab but also anticipated how the facility and its other experimental labs might be used in the future.

Phased Approach Minimize Disruption

It was advised doing the infrastructure upgrade in phases. Phase 1 work, which encompassed 150,000 square feet of additional mechanical space, was concentrated in Bunger-Henry's northern half to minimize disruption. Work in the southern part of the facility was planned as part of an anticipated Phase 2 effort. Phase 1 construction of the \$6.5 million project began in January 2003 with multiple contractors working concurrently to build out the lab and install the new infrastructure. "This was a publicly bid project," says Alexander. "But it turned out we had some really great people on board. All the contractors and design teams played well together and accommodated each other to help us stay on schedule." Because the MOCVC lab uses exotic gases and toxic chemicals, Alexander decided to involve the State of Georgia's Fire Marshall and Georgia State Environmental Protection Division staff early in the design process. By

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GAPPA Board

GAPPA board is elected to one, two, three and four year terms. Below is the list of our current board members. If you have any questions regarding GAPPA or a facility management issue, feel free to contact any of them. They have very broad experience and they are willing to share it with other members. If they don't have the answer, they can direct you to the right place.

President

Lee Richey
Kennesaw State Univ.
770-423-6675

Secretary

Don Alexander
Georgia Institute of Technology
404-894-4235

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A.L.C. Controls
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Past President

Jim Brown
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770-528-7256

For Address, Fax, and Email address, please check our Web site at:

WWW.GAPPA.ORG

Leaders and Legends in Facilities

Georgia State University held a workshop on March 2, 2004. It was titled “**Leaders and Legends in Facilities.**” The workshop covered various topics related to GSFIC, construction procurement, construction management, as well as Energy managements. Twenty Five people attended the workshop at the Georgia State Alpharetta Center.

Here is the list of the topics and presenters:

- “**Future, Status and Goals of GSFIC**” Gena Abraham, PhD, Director of Construcion Division, GSFIC.
- “**The Bridging Method**” of Construction Procurement and Design Practice, George T. Heery, CEO, The Brookwood Group.
- “**Raising The Bar**” Getting More Design Assistance from the Construction Manager, Keith Douglas, Vice President, Whiting-Turner Construction Company.
- “**New Ideas You Can Use for Saving Energy on Campus**” Wayne Robertson, President, Energy Ace Inc.



Gina Abraham, GSFIC



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being proactive, he was able to address safety and environmental concerns before they became schedule-killing issues.

Extreme Project Management Delivers Success

Although the design teams had been hired to develop the master plan, The design teams and their other staff remained involved with the project after construction got underway. "The design teams supported us with design changes as the contractors encountered problems," says Alexander. "I can't say enough positive things about them and how they helped us gain time on the schedule." Work on the project largely wrapped up in the October 2003. Although this date was slightly

beyond the original target, everyone was pleased with how quickly the project milestones were met.

"I think Dr. Dupuis was surprised that the facility was actually up and running on time," says Alexander. "He's busy waking up his equipment, and we're in the process of tweaking systems. Everything should be in full operation by March 2004."

As for agreeing to take on such a fast-track project, Alexander says it required

"extreme" project management. Luckily, he had a great team and master plan to work with. "CUSHMAN & WAKEFIELD, really thought about how the things would have to be done," notes Alexander. "You need that

kind of team when you're trying to accomplish a lot in a short amount of time."

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If you have material for the newsletter, please email it to me at Ga Tech. My Email address is :

bill.halabi@facilities.gatech.edu