



IEEE Region 3 Newsletter

Volume 10, Number 3

Fall 1995

DIRECTOR'S MESSAGE

Deborah M.
Powers



This is my last column as Region 3 Director. We are preparing for our last ExCom meeting of the year (and of my term), and following that meeting will be the last Regional Activities Board (RAB) meeting and the last Board of Directors meeting (I am feeling very much like a lame duck...quack, quack). I am very pleased with the tangible progress we have made in many areas, particularly member benefits like the ETI database, the BBS and the new (soon to be unveiled) automated resume and consultant databases. I am sure Jim Beall will continue these projects, and initiate new ones to serve the members during his term.

There are two topics which have dominated the discussion at the RAB and BoD level during my term - the proposed reorganization of the IEEE, and the status of the computer system. The computer system is on its way to being fixed...I wish I could say the same for the reorganization.

The Board of Directors approved hiring a consulting firm to assess the

current status of the computer system, recommend changes to the system and the IEEE staff using the computer, and implement those changes in a timely manner (which means "so the renewal cycle is not a disaster"). The assessment and recommendations, presented at the June BoD meeting, were very insightful, and showed a clear understanding of the problems, realistic solutions, and realistic timeframes for implementation. I am pleased to report that the status reports on this effort are very encouraging, and we are confident that we will finally end up with a computer system that is "on our side". Many of you in the sections have been trying to operate with insufficient and/or inaccurate information, and I anticipate that most of the problems will be solved by the first of the year.

The reorganization effort has been proceeding in spite of itself. During 1994, a "design specification" for a new organization was developed. In January 1995, over 100 IEEE volunteers attended a retreat where seven scenarios for a "new IEEE" were developed. After the retreat these seven scenarios were condensed into three scenarios - the Federation model, the Matrix model, and the Traditional model. These models were described in the Institute, and a comment period was held from June to September.

Several things happened during information sessions held during the June BoD meeting series: first, the need for a gross reorganization (as opposed to fine tuning of the present operation) was questioned; second, the timeframe for resolution was discussed and questioned (originally the final BoD vote was scheduled for December - the debate is "should we continue to work on the reorganization concept through next year or make the

decision now?"); and third, it became apparent that the unbundling of fees (including making USAB voluntary) was a major issue, unacceptable to some members of the Board, and a requirement for others. This same scene was played out at the PACE meeting in Cedar Rapids over
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bor Day, with somewhat more passion. The Strategic Planning Committee and Reorganization Committee then punted, threw out the original three models, and formed Task Force 5, with Joel Snyder (VP of Professional Activities) in the lead. In theory, this Task Force will be taking into account all of the comments received, and will develop a new structure pleasing to all. Stay tuned.

Regional Activities staff has compiled a list of societies and the support they give to their chapters. Since most of the time that support is only provided if specifically requested, this is a very important list! I will be sending out copies to the sections listed in the Region 3 roster update, but if you want a copy prior to that please e-mail me with your name and address and I will mail you one, or give me a fax number and I will fax you one.

A dues increase was approved in June, very reluctantly, by the BoD. This increase was tied directly to increases in postage and paper costs. As you may be aware, paper cost increases are causing many magazines great distress, and have eliminated some of them. IEEE had no choice but to pass along some of these increases to the membership.

A project fund has been set up at USAB for professional activities projects - funded on a first come, first serve basis. Please send your projects to Lee Stogner to get in line for this funding (with a copy to me). I am looking for projects that will have long term benefits rather than one workshop for a dozen people needing travel funding.

The ETI database is being expanded, as is the Jobs Available section of the BBS (1-800-555-REG3). Please avail yourself of these services if you need a job, and if your company has any openings, tell them about our free job listing service on the BBS. These services can be very useful to the students in your section. Please make sure they know about it, and run information about both of these services in your newsletter as often as possible. You can even demonstrate the BBS during a section meeting!

I have had a very rewarding (if tiring) term as Region Director, and I would like to thank the ExCom and all of you who attended the meetings and worked on projects during the past two years. I

look forward to spending the next two years as Past Director, following in the footsteps of Dave Conner, concentrating on those things I find personally interesting, and generally causing trouble. I hope you will all support Jim Beall during his term as well as you supported me and this ExCom. I appreciate it and I enjoyed it!

VICE CHAIR'S REPORT



James H. Beall

According to the calendar we are now in the fall season. Soon it will be the end of 1995 and the end of a two year period as the Region 3 Vice Chair. At the beginning of the year I asked if Garcia was getting the message and if he did, was he reading it. I found that in most cases he got and did read the message. Thank you.

As we wind down this period it is time to consider who will be the future committee chairs for the Region 3 Committee. The N and A Committee has been working on suggestions for the incoming director. If you have not been contacted and are interested in working on one of the committees please contact Vernon Powers or myself.

We have a lot going for the region. It needs to continue to grow. To do this will take many dedicated, willing-to-work people that I know are out there.

Each year we ask sections and other entities in the region if they have any special projects that the region can help fund. To date the requests have been few. I would hope to see more well documented projects in the future. 1996 brings us the Fifth Sections Congress. The first was held in 1984 during our centennial year celebrations in Boston. Next year it is in Denver, November 1-4, 1996. Please see Dan Jackson's article in the newslet-

ter for details. Please be sure that your section is represented at this Very Important Meeting. Hopefully, you have set aside money to help fund your representative's travel. While there will be some funds available from the Institute through Region 3, they will not cover all the expense. Please remember, we need active sections and active section involvement in the region. It is at the grass roots that the IEEE flourishes and help comes forth.

SECRETARY'S REPORT



Vernon B. Powers

In response to an August e-mail request, approximately forty percent of Region 3 sections and area/councils submitted revised officer listings. The updates were forwarded to the Regional Activities Department (RAD) on September 15, 1995 (RAD deadline) and will be incorporated into the Region 3 IEEE Organization Roster which should be available to Region chairs in November.

Region 3 Bylaws, revised January 7, 1995 were retyped (incorporating all changes) into Microsoft Word and plain text and are now available for review and download on the Region 3 Bulletin Board.

The March Executive Committee (Excom) Meeting Minutes were submitted to the EXCOM via e-mail, all changes were incorporated and the minutes were resubmitted to the Excom for final review. The Excom will approve the minutes (final e-mail draft) at the November Excom Meeting on November 5th. At that time, an e-mail copy of the minutes will be sent to the Regional Activities Department for their records.

The Region recently purchased a PC for use by the Secretary. The PC is a Dell Latitude XPi 75 Notebook and should be more than acceptable in supporting

the Region Secretary, Region Special Project demo's and other uses as identified by the Director.

TREASURER'S REPORT



Roy H. Harris



The status of our 1995 Region 3 Budget is as follows:

	Annual Budget	Actual to Date	Projected Year-end
Income(1)	\$99,538	\$95,704	\$101,000
Exp(1)(2)	128,713	96,160	139,644

(1) Income does not include additional project funds expected from IEEE-USA. Expense over-budget is coming from travel expense which is projected to be over budget by \$15,000 by the end of the year.

(2) Expenses do not include \$9,355.63 returned to IEEE-USA in January that was sent to Region 3 in error in 1994.

The budget status as of September 11, 1995 is shown below. Please review the status of your line items and try to stay within the budget. See you in November

Region 3 1995 Budget Status (As of 9/11/95)

Description	* 1995 Income		** 1995 Expense	
	Budget	Actual	Budget	Actual
PROGRAMS AND ACTIVITIES				
Meetings			\$4,600	\$3,245
Publications(Nwsltr)			5,000	4,088
Conferences	\$12,000	\$10,500	9,000	6,892
Education Act.			1,000	-
Profess. Act.	12,168	11,783	40,998	20,543
Student Act.			15,665	13,270
Grants & Awards	1,000	1,000	4,500	2,111
Needy Section Spt	2,000	-	2,000	-
Project Funds(RAB)	1,000	500	2,000	22
*****OTHER INCOME*****				
Rebate from HQ	64,870	61,000		
Interest	6,000	10,190		
Membership Dev.	500	731		
*****OTHER EXPENSE*****				
Office Expense			3,400	4,965
Travel Exp.(Non-Stu)			35,000	37,213
Membership Dev.			3,000	1,553
Other			2,550	2,258
TOTAL	\$99,538	95,704	128,713	96,160

* Income does not include additional project funds expected from IEEE-USA. Expense over-budget is coming from travel expense which is projected to be over budget by \$15,000 by the end of the year.

** Expenses do not include \$9,355.63 returned to IEEE-USA in January that was sent to Region 3 in error in 1994.

PAST DIRECTOR'S REPORT

David A. Conner



Concentration Bank Accounts

IEEE is currently pursuing an initiative that has become widely accepted in large organizations that have a number of sub-entities which manage local bank accounts. Basically, the concept allows groups having small reserves to "pool" their funds in a way that gives each group the opportunity to obtain the higher rate of return on investments normally available only to entities having very large reserves that can access "higher interest" investment opportunities. This initiative, called the "IEEE Concentration Account", is for Societies, Conferences, Regions, Councils, Sections, and Chapters.

The concept involves linking participating Society, Conference, Region, Council, Section, and Chapter bank ac-

counts to a centrally-located, IEEE-controlled "concentrated" bank account. Local deposits are made in the local bank account as required. Checks are written against the centrally-located bank account as required. During each night, available balances in the accounts are "swept into" the "concentration account" with funds being disbursed back to each account, as required, on a daily basis to meet checks as they clear the local account. This approach provides three benefits. (1) All funds not required for check disbursement are immediately and continually earning interest at the rate received by IEEE on its investments as opposed to the "lower rate" being paid by the local bank. (2) IEEE is able to "borrow" from these funds to meet its cash flow requirements at the interest rate being earned by IEEE on its investments rather than having to pay the higher rate charged by commercial establishments — providing "more cost effective" operation reducing the pressure for an increase in member dues. (3) IEEE stands behind "overdrafts" on local accounts, as required, without financial penalty to the entity holding the account thereby solving the "cash flow problem" normally associated with a group working on a financial "shoe string". The approach is a win-win situation benefiting both the Institute and the local entity.

I have recommended to the Region 3 Strategic Planning Committee and the Region 3 Finance Committee that Region 3 bank account funds be coupled to the "IEEE Concentration Account". Also, I encourage each Council, Section, and Chapter within Region 3 having a bank account to give serious consideration to coupling their bank account to the "IEEE Concentration Account".

Sine Die

This article constitutes my last contribution to the Region 3 Newsletter in the capacity of (Junior) Past Director. It has been my privilege to serve Region 3.



The networks formed, the friendships established, and the insights which I have gained have meant a great deal to my professional development. I thank each and every one of you for your devotion to IEEE and for the support that you have given me in my various capacities of service. I congratulate Debbie Powers for her leadership during my term as Delegate/Director and during her own term in that position. I wish success to Jim Beall as he assumes this important position. I continue to be impressed with the quality of leadership within our Region and the significant accomplishments being achieved. Let's continue to "pull together" for the benefit of our members.

VIRGINIA COUNCIL



Sam Harris

The Virginia sections have emphasized career development this year. A consultant workshop was followed by an organization meeting for a CN in Charlottesville. The Hampton Roads section had a workshop whose topic was "The Professional Engineer, What does it Mean?", and is planning other workshops in career development. Planning continues in Va. Council for a Mid-career workshop in Richmond by the end of the year.

With staff reductions continuing in industry, interest is growing in consultant networking and it is my hope that if the scattered Central Virginia Section shows some success in its CN efforts we may start networks in the other Virginia sections. An ultimate goal might be a Virginia alliance of networks with a common directory and client pool. Much work will be required to reach that aspiration. However, people must make the necessary commitments to serve if CN is to be a success in Virginia.

Cooperation with the Northern Va. Section of Region 2 continues in state-

wide matters and our current interest is in working on a legislative agenda for next year's General Assembly, hopefully, to be presented to all state legislative candidates before the November elections. Time is critical but we hope to get agenda prepared and mailed, and see responses from the candidates during the fall campaign.

Sections have had some very interesting programs with several excellent plant tours. Attendance has not been what it should be and we believe meeting notices just don't get read by people who are interested in the programs. The Central Va. Section is planning to make its newsletter more attractive with the topic of interest on the front where it will be seen immediately.

NORTH CAROLINA COUNCIL



Ronald C. Harrell

Thanks to the efforts of a few very hard working IEEE members in the Winston-Salem and Central Sections, the North Carolina Council just experienced one of the best attended North Carolina Symposiums and Exhibitions (NCSE) that we have had in many years. The topic was about the "North Carolina Information Highway." This is a project which is a cooperative effort between private enterprise and government agencies within the state. All of the telephone companies in North Carolina and many agencies of state and local governments have worked to provide the services of "The Highway" to link many state agencies, local schools, community colleges, hospitals, prison hospitals and conceivably most any other agency that may want to ingress. Important applications include distance learning opportunities for students in schools and colleges, transmission of medical information such as

X-rays and patient charts, and law enforcement data. "The Highway" takes voice, data and video and through the marvels of electronic technology over fiber optic cable, transmits it all simultaneously in a variety of methods. I shall not attempt to get any more technical than this. It is mind boggling to this 60 cycle "double E."

My thanks to members of the committee in the Winston-Salem Section, Roland Heinrichs, P. E., who chaired the project, Dick Riddle (known to most R03 ExCom members), Mr. Greg Lisle, P.E. and Peter Santago, Chair of the Winston-Salem Section and thanks to members of the committee in the Central Section, Gordon Reynolds, Hal Koger, Neil Agrawal and Hermann Heyge, P. E. Chair of the Central Section until June 1, 1995, and Greg Mulholland, P. E., the present Chair of the Central Section, and others, all of whom worked very hard. The NCSE was a big success and this probably includes financially also. About 355 people were in attendance during this meeting, including a representative of Region 03 and our Conference Committee Chair, Dave Green of Birmingham.

During the lunch break, the North Carolina Council elected new officers for the 1996/1997 biennium. Those elected were Mr. Charles Lord, P. E., as Treasurer, Mr. Greg Lisle, P. E., as Secretary, Dr. Silvia Middleton as Vice-Chair and Mr. "Marvelous" Marvin Neiditz as Chair. Good luck to those fine persons as they lead the council through the next two years with Jim Beall at the helm of Region 03.

The ExCom of the N. C. Council had a meeting on Monday, September 18, 1995, the day before the NCSE. We adopted a budget for 1996 and will request a \$0.35 per member rebate from each of the N. C. Sections to help the Council over the hump during these very lean times. We have about \$2500 in the treasury. All but one of the present members of the ExCom has access to e-mail, and that has been a very large help to each of us. Most of the new officers and committee chairs will also have e-mail.

All of the sections are active and most have very interesting programs but each reports small attendance during their

meetings, which is somewhat puzzling. Several techniques to increase attendance have been tried, but no simple solutions have surfaced. Suggestions are encouraged. Any takers?

Each section has a very good "newsletter" which usually serves as the meeting notice also. We were pleased to have had an opportunity to publish an article by the Chair of the N. C. Council, "Splinters from the Chair", in most of the Sections' publications. With the wealth of technology in the State of North Carolina, a cornucopia of fine programs and information is available for each section to retrieve. All that is required is for a majority of the members to take advantage of the efforts of a few hard working, hard core leaders in IEEE Sections.

AREA 3(GEORGIA)

Dennis A. Ludwig



The Atlanta section is working with the Georgia Tech student branch on a special project that will help people find consultants. It's called the Automated Consultants' Network. For more information on this, contact Vernon Powers or John Elmore at Ga Tech. The Olympics are still keeping some people busy.

The Savannah section is well organized and well run. They had a successful seminar on using the Internet at the Savannah VoTech, and then they were able to get a speaker for a meeting as a result of the seminar. Their newsletter has "The PE Corner.." section in which interesting problems are presented and solved.

The Central Georgia section has introduced a "Brainbuster" section to their newsletter. All of the officers did such a great job last year that they got voted in again for another year.

All three sections in Area 3 are doing well and looking forward to 1996. As of this writing, I'm not sure if I have a volunteer to replace me or not. Our jobs

can be demanding at times. I am amazed at what gets accomplished by the IEEE with volunteer labor. One of my favorite sayings comes from Star Wars, CP3o to R2D2: "You wouldn't want my life to become boring, would you?"

FLORIDA COUNCIL

Dorrel Shirley



The council held its third meeting of the year, hosted by the Orlando section, in Altamonte Springs on August 26, 1995. Eleven (11) of the twelve (12) sections were represented. It was encouraging to see that many of the sections are continuing to send more than one (1) representative to these meetings, especially when the team includes new officers. The next accomplishment was somewhat of a surprise, nevertheless, it was a pleasure to indicate that all three (3) reports (financial, meetings and officers) for all sections, were received and accepted by headquarters prior to the meeting.

There were some excellent exchanges and interactions of sections' reports. As director Debbie Powers suggested - it is always important to report what interesting things sections are doing to enhance IEEE and the engineering profession. A major concern today, is the future survival of the institute. Functionally, the organization relies heavily on volunteers. Currently, concerns of engineers over the economy, job security, job availability, etc; have created a decline of available volunteers.

This dilemma is being felt at the council, section and chapter levels. Here are some of the ideas being tried to turn this situation around. The council participates in the "State Annual Science and Engineering Fairs" by awarding prizes to outstanding students. Sections are participating and are being recognized at the county 'Science and Engineering Fairs'. Joint meetings are being

conducted with other organizations (e.g. Association of Computing Machinery (AC)). This provides an opportunity for those groups to learn more about IEEE and also as a vehicle to emphasize the vast benefits available through membership in IEEE. The BAG (Bring a Guest) program is being tried to increase membership, particularly at the student level. Also, PACE sponsored meetings with state's legislature are also being tried to establish an IEEE awareness at the governmental level.

The backbone of the institute is its membership, therefore, a strong focus is being placed on orientation and training of new officers, particularly the membership development chair. Another area of concentration is working at the secondary education level to insure that students are informed of the possibilities confronting them. Our goal is to utilize our communication tools and technology (e.g. Region 3 BBS etc.) to operate more effectively. To further enhance our communication efficiency, we are establishing a WEB page on the Internet for the exchange and transmittal of council, section and chapter information (more on this in subsequent reports).

TENNESSEE COUNCIL



Hugh Lowe

The Tennessee Council held their semi-annual meeting at the University of Tennessee, Knoxville on 26 August 1995, and I am encouraged by the progress that was made. Some Sections saw for the first time where their geographical boundaries are. We also drafted a revised set of By-laws that should put that issue in an up-to-date condition and be acceptable to general IEEE guide-lines, and passed a budget for 1996.

Before the meeting officially started,

Ric Lichtwardt, UT Telemedia Services Manager, gave a presentation about applications for remote telecommunication facilities that could reduce travel.

I would like to thank all of the Section officers who gave up their Saturday for the meeting and for their hard work.

AREA 6 (AL AND MS)



Dale C. Caston

This year is rapidly coming to a close. Each of the Sections need to be sure that new forms are submitted to IEEE Headquarters giving the names of the elected Section officers. Plans should now be in place for meetings of sections and societies for the winter and early 1996 spring. Not to plan is a guarantee not to accomplish very much. You usually do what you plan. No plans, no progress! These plans should be made at your executive committee meetings. Even with the busy schedules of your committee members, enhance your sections through effective use of noon or after work executive committee planning and business meetings.

At a recent meeting of the Mississippi Section in Jackson, there was good member participation and an excellent tour of the Jackson, Mississippi Traffic Engineering Department. This served as a reminder to other sections to investigate your surroundings to find new and interesting programs and tours. These are normally available just by contacting the proper official at the company or governmental agency.

I trust that each of you have exercised your right and duty as an IEEE Member to return his/her ballot in the recent election. It can safely be stated that the new Region 3 Director-Elect will be selected from Area 6. This is something that all the Sections in this Area can be justifiably proud. I hope that 1995

has been a good year for all of you and that 1996 will even be a better one!

SOUTH CAROLINA COUNCIL



Dave Hulett

Business has resumed after the summer break. The council has developed the following three primary goals for this year. The goals were reached after soliciting at least one suggestion from all sections. The first goal is to initiate the work toward achieving Southeastcon at Clemson, SC for the year 2000. The second goal is to work towards a PACE project to assist the Central Savannah River section hard hit by the reductions in force at the Savannah River site. The final goal is to put a plan in place to maximize impact during next years National Engineers week in 1996.

The council is also working with the states joint engineering council to put in place the National Council of Examiners for Engineering and Surveying (NCEES) regulations for professional engineers continuing education. The council passed a motion at the last meeting that is to be used at a "town meeting" before the state board to recommend accepting the NCEES model regulations.

The council is in the process of gathering nominations for the various state IEEE awards that are to be selected at our November meeting. As a final note, all sections within the South Carolina council are now on E-mail. See you in Jamaica!



AREA 8 (KY AND S. IN)

Joseph D. Cole



The Area 8 Directory which has long been in the preparation stage is now complete and is being distributed to those listed in it. This Directory contains a list of all committee chairs (Awards & Recognition, Educational Activities, Membership Development, Professional Activities, and Student Activities) for Area 8 and all Section and Subsection Chairs in Area 8. For each Area 8 Committee there is also a list showing the Chairs of the corresponding Section Committees and the corresponding Regional Committee Chair.

We are trying to establish a new Student Branch at the ITT Technical Institute in Louisville. C.R. Davis, the Education Supervisor at ITT and a member of the Louisville Section, is leading this effort.

I am planning a trip to the western part of Kentucky in October. I hope to be able to include a visit to the Paducah Subsection and the Student Branch at Murray State University.

The Louisville Section celebrated the summer with a trip to see the Louisville Redbirds baseball team. Dinner in the Stadium Club preceded the game. The position of Student Activities Chair for the Louisville Section has been filled with the appointment of Dr. Thomas G. Cleaver of the University of Louisville Electrical Engineering Department. The Louisville Section is planning a meeting to discuss the proposed reorganization of the IEEE. The Southeastern Symposium on Systems Theory will be held in Louisville in 1998. Although not an IEEE event, many of the Louisville Section members are involved in the planning.

The Lexington Section is gearing up to make a bid for Southeastcon '99. A

joint Lexington-Louisville dinner meeting is planned for this Fall.

AWARDS AND RECOGNITION

Allan H. Long



We are in the midst of another awards cycle. Nominations are being received for the following Region 3 awards:

- Outstanding Service
- Outstanding Engineer
- Outstanding Engineering Educator
- Professional Leadership
- Exemplary Section

We all know outstanding individuals who have made exemplary contributions to the Institute, their profession, their companies, and their communities. These members deserve to be recognized! Details of each award are listed in the Region 3 Awards and Recognition Program Manual, but the deadline for nominations is December 1, 1995, so now is the time to wrap up your nominations! For more information, contact your Awards and Recognition Chairs, Area/Council Chair, or the appropriate member of the Region 3 Awards and Recognition Committee.

A major update and revision of the Region 3 ARC Program Manual is nearing completion, and parts of it should be available on the Region 3 BBS. You may use either the existing forms or these prototypes this year. We have worked hard to clarify each award, provide examples of the information we need to evaluate nominees, improve the nomination forms, and expand the coverage to include current awards offered by the various Boards of IEEE. The Manual should be ready for final approval in November.

Recognizing our fellow engineers is

every member's business. Get involved and help us make this most important process a success again this year!

CONFERENCES

David G. Green



SoutheastCon '95

Southeastcon '95 was an exciting conference. Charles Lord, his conference committee, the Eastern North Carolina Section and the North Carolina State Student Branch hosted a fine conference in April. Thanks to all who worked to make this event a success!

SoutheastCon '96

Plan to attend Southeastcon '96 in Tampa Florida on April 12-14, 1996. Jim Howard and his hardworking crew are planning a nice conference with Technical Program, exhibits, the Region 3 Student Conference and tutorials. By the time you read this, authors should be preparing their manuscripts for submission and the tutorial list should be firming up. Please note that we are experimenting with a new format for Southeastcon next year. We have compressed the events associated with Southeastcon '96 into 2-3 days across the weekend. We hope that attendees will find this change beneficial. Whether you do or do not like this approach, please participate and let us know how to serve you better.

SoutheastCon '98 Awarded to Orlando Section

The Conference Committee and the Region received two fine proposals for Southeastcon '98 from the Orlando and Lexington sections. After debate, the proposal from Orlando to host

Southeastcon '98 was accepted. The awarding of Southeastcon '99 will be an action item for the Region meeting in Tampa next April. Those sections planning to make proposals should contact the Conference Committee Chair to discuss the proposal process and to make your interests known. Additionally, any section planning to propose to host a conference more than three years out (2000 or beyond) must, by Region bylaw, send a letter of notice of intent to bid to all Sections at least 120 days in advance of the Region meeting (April 19 or 20, 1996). The conference committee is interested in working with sections to develop bids for future Southeastcons. Please contact the David Green, R3 Conference Chair.

Southcon

Region 3 has a major electro-technology show with technical sessions and product exhibitions which it sponsors with the Florida Council and Electronic Representatives Association. Southcon/96 will be held in Orlando Florida on June 25-27, 1996 at the Orange County Convention Center. Southcon/97 is scheduled to be in Fort Lauderdale.

NCSE '95

NCSE '95 was held in Greensboro, NC on September 19, 1995. This conference is sponsored by various sections in the North Carolina Council each year. NCSE '95 was hosted by the Central N. C. and Winston-Salem sections. The conference's 350 attendees learned about asynchronous transfer mode technologies, applications, and the North Carolina Information Highway. This one day event had five exhibits and featured Charles Stanback, consultant to the Governor of North Carolina as the luncheon presenter.

Other Items

If your section has a conference please send information on this conference to the Region 3 Conference Committee chair. We would like to create a list of all the conferences that are planned in our region to enhance communication

with and service to region members.

Finally, there are a couple of institute level opportunities with regards to conferences that are available. First, the Financial Department has prepared a collection of forms (both paper and electronic) and associated guides for use in managing conference finances. Electronic versions are available for use with Lotus 123 and Quicken. Second, the IEEE program called Book Broker desires to buy proceedings from IEEE-sponsored conferences. The program commits to purchasing conference proceedings prior to the conference. Southeastcon and Southcon proceedings are both available through the Book Broker program but there are many Section conferences that are not yet participating.

PROFESSIONAL ACTIVITIES

Lee Stogner



1995 was once again a year of change for the members of Region 3. Many of the Region's companies continued the task of rebuilding their technical infrastructure after the layoffs of the early 1990's. This rebuilding created badly needed jobs for electrical engineers. But downsizing

is not over for the region's engineers. We have now entered the delayed phase of government downsizing. Locations such as the Charleston Naval Base and the Savannah River Plant have begun the layoff of thousands of personnel. Technology companies that are dependent on government contracts are also being told that as the government reduces, their support roles are being cut back or eliminated. Other regional companies such as Southern Bell are also announcing large personnel cutbacks as they automate and find ways to stay competitive in today's marketplace.

To put things in perspective, jobs are continuing to be lost, but many jobs are being generated. The generators of jobs include major investments in the Southeast by established companies such as Hoffmann LaRoche and BMW. The biggest generator of new jobs is small business, startups and consulting.

Region 3 PACE is supporting its members during this change by fostering the transfer of information that helps engineers find companies, technology and new skills that are needed in a changed marketplace. We have a number of ongoing Special Projects that support this information transfer;

1. Electro-Technology Industries (ETI) Database:

Online database of Region 3 companies that is accessible by IEEE Region 3 members through low-cost E-Mail. Users have been trained during Region 3 meetings, Section meetings and by the distribution of 6,000 "User Cards". The students at UAB continue making updates to the system software to enhance its operation and database coverage.

SoutheastCon Schedule

Conference	Date	Host Section/Branch	Conf Chair
Southeastcon '96	4/12-4/14	Fla West Coast/USF	Jim Howard
Southeastcon '97	4/11-4/14	Virginia Mtn/VA Tech	Russell Churchill
Southeastcon '98	3/28-4/01	Orlando Section	Parveen Wahid
Southeastcon '99	<<to be decided at Region meeting in Tampa, 4/96>>		

SoutheastCon E-mail Contacts

Conference	General Chair	Student Conference
Southeastcon '96	j.howard@ieee.org	sb.usf@ieee.org
Southeastcon '97	arcova@bev.net(*)	sb.virginia.tech@ieee.org
Southeastcon '98	pfw@engr.ucf.edu	rfd@engr.ucf.edu

(*) Be sure to mention that the e-mail is for Russell Churchill.

Special Projects Coordinator - Vernon Powers, 404/449-6114; PAOC-Employment Assistance Chairman - Richard Riddle, 919/765-9702; Database Coordinator - David Green, 205/934-8440; Hardware/Software Development - EE students at UAB; Questions/Helpdesk - Lee Stogner, 803/268-8800.

2. Employer Initiative:

Mass mailing to 1900 Region 3 employers to identify jobs for electrical engineers. Over two hundred jobs were identified and posted on the Region 3 BBS. Special Projects Coordinator - Vernon Powers, 404/449-6114; PAOC-Employment Assistance Chair - Richard Riddle, 919/765-9702; Mailing Support - UAB Student Branch

3. Region 3 BBS:

Region BBS with a growing database of national/regional/section IEEE information and career/job/consulting information. System Administrator - Vernon Powers, 404/449-6114.

4. Region 3 Consultants Network:

Establish a support structure in Region 3 to help electrical engineering consultants Chair, Region 3 Consultants Network, Jorge Medina, 407/260-1676

5. Charleston Naval Base

Employment Assistance Workshop:

Train a core group of Naval Base employees in the skills needed to perform skill assessments, resume preparations, find prospective companies and interviewing. Each member of the core team becomes a resource to work one-on-one with others to share the training. Project Coordinator - Hernan Pena, 803/724-7368

6. New PACE Representative Training:

Over 30 Region 3 PACE Representatives were introduced to USAB and PACE topics during a two day training session that was held during Southeastcon 1995. Instructors - Don Hill, 606/257-8487, and Lee Stogner, 803/268-8800

7. Using the Internet for PACE:

A course has been generated for delivery during section meetings and regional meetings that provides an introduction to the various Internet services that IEEE provides. The course also demonstrates the wide range of resources that is available on the Internet and how they can be used to benefit sections/mem-

bers. Course developer - Lee Stogner, 803/268-8800

Upcoming projects for 1995 include a Automated Consultants Network and a Automated Resume Database. The Georgia Tech student branch will be providing systems development for both projects. Vernon Powers is the coordinator for the project.

More and more Region 3 members continue to become part of the region's extended E-Mail family. It is now routine for issues to be discussed with feedback measured in hours/days instead of the past weeks/months. The Region 3 E-Mail coordinator, Brian Swail, has been very aggressive in getting most sections to identify E-Mail contacts and utilize our various distribution lists. I am also proud to state that four Region 3 members received USAB awards at the National PACE Workshop. The awardees were Jorge Medina, David Green, Don Trundle and Dick Riddle.

MEMBERSHIP DEVELOPMENT

*James M.
Howard*



Most of the Sections are anxiously awaiting the return of the Pink sheet diskettes so they can begin welcoming new members, contacting members going into arrears, and honoring members with upgrades. If things go as planned at headquarters, each Section and Council, along with the Region, should begin receiving these Pink sheet diskettes in the very near future. When you do begin to receive them make the most of the very beneficial information they contain. If you have any questions about how to use or acquire the information contained on the diskettes, please call or send me an e-mail.

New MD Items:

Is your Section or Council looking for ways to recognize new members, how about items for speaker gifts, why not consider utilizing the many IEEE items your Region has available for you. We presently have:

- Coasters (Wood)
- Post-It Note Dispensers (Wood)
- Flyers (Frisbees)
- Can Coolers (Caseous)
- Pens (Black/Gold)
- Magnetic Screwdrivers*
- Key Chain Flashlights*
- Mouse Pad
- Pens (Presidential Ball Point)*

All items have the IEEE emblem on them. The flyers and coasters make very good items for students membership drives. The Pens (Black/Gold) make excellent speaker gifts or outgoing officer gifts. An order blank for all the items is shown elsewhere in this newsletter.

*Note: These are brand new items just recently received.

STRATEGIC PLANNING

*Robert S.
Duggan, Jr.*



The final SPC Meeting of 1995 will be at the Fall ExCom meeting in early November. The Region 3 History, prepared by W. L. "Sully" Sullivan, has been completed and is now formally in the IEEE History Center in both printed and diskette format. During the past few months, the SPC has been involved with cleaning up the Region 3 By Laws for inclusion on the BBS, and this is now complete.

At the request of the Director, the SPC has been involved with the review of the Region 3 Awards Manual. Several

suggestions for improvement were submitted to the Awards & Recognition Committee. It is expected the Awards Manual will soon be available on the Region 3 BBS.

At the Fall SPC Meeting, a proposal will be addressed for including Region 3 funds in the concentration account and inclusion in the Institute-wide trial program. SPC members (all of whom are former Region 3 Directors) hold additional positions in the Region, making use of their many years of experience and service in IEEE and Region 3 volunteer activities. Their many contributions to Region 3 are gratefully appreciated.

STUDENT ACTIVITIES

*Charles E.
Hickman*



The Student Branches are back in business for another academic year and are developing plans to ensure a successful year. The first mail out to the Branches focused on two opportunities for the students to become involved in Regional and Institute level activities. David Lee, RR, is seeking applications from students to serve as an Area/Council representative on a committee to address student-related issues. David and Vernon Powers are soliciting proposals from Student Branches to work on a number of Special Projects. Accomplishing the goals established for these projects will provide high visibility to the Student Branches and Region 3.

The University of South Florida is the host school for the 1996 Student Conference. The Hardware Contest this year is called "Pinbull Wizard" and is designed around the concept of guiding a vehicle by an infrared signal around a pinball(oops, pinbull) table while retrieving and depositing balls at designated

areas.

The Branch Leadership Training Workshops are being conducted this Fall at five sites throughout Region 3: Birmingham, AL; Blacksburg, VA; Lexington, KY; Memphis, TN; and Orlando, FL. Branch Counselors will conduct the workshops, which are designed to provide not only information about managing branch activities but also opportunities for student leaders and counselors to interact. Details on the results of these workshops will be shared with you in future Newsletters.

It is always exciting to get messages from EXCOM members requesting information on how they can help form a new student branch or re-energize a struggling branch. I have received several calls, and I thank you for the interest all of you have in the welfare of the students.

STUDENT REPRESENTATIVE

David C. Lee

Region 3 is looking for increased student involvement in Regional activities. As noted by the RSAC, IEEE SAC/Region 3 training sessions are occurring throughout the Region. Georgia Tech and University of Alabama at Birmingham are participating in various Regional Special Projects; other projects are available (contact Vernon Powers or me for more information). Also consider getting Branches involved in the University of South Florida's "Pinbull Wizard" Hardware Contest. It should be exciting and well worth the effort.

Student leaders who are interested in getting more involved (or if you are interested in getting students involved) in these and other activities (or interaction) on a Regional or Council basis should feel free to contact me (d.c.lee@ieee.org or 540-231-8398(wk)).



E-MAIL

Brian K. Swail

We have full coverage! We now have an e-mail liaison for each active section and subsection in the region. I would now like to see what we can do about getting e-mail contacts all the student branches. I would like to ask all sections to make approach their student branches about an e-mail contact. Having an e-mail alias for the student branches will make life much easier when Southeastcon '96 rolls around. I would also encourage you to use the Majordomo lists. Lee certainly made good use of the PACE list in preparation for the recent National PACE Conference.

I would also like to expand the Region 3 WWW Server for '96. David Lee did a masterful job in establishing a presence for the Region on the Web. I would like to see this expanded to the Council/Area and Section level. The Web was a hot topic at the August TN Council meeting. I am glad to be on board for '96 and am looking forward to a good year!

COMMUNICATIONS

R. Brian Skelton



The Communications Committee was established to facilitate the Region's move toward more effective communications with members and a more cohesive operation at the Region level. The committee is composed of the Newsletter Editor, E-Mail Coordinator, Bulletin Board Project Coordinator, Public Information Chair, and any other chair of a special Region 3 communications related project. This newsletter has several columns on our present projects, including the Region 3 Bulletin Board System. The Region also has a Home Page on the

WWW, and has personnel available to guide sections in creating their own home page. It is a busy time in the Communications area in Region 3. I welcome comments on what this committee can do to serve our membership better.

NOMINATIONS AND APPOINTMENTS

Vernon B. Powers

The Region 3 Nominations and Appointments (N&A) Committee is currently scheduled to complete by November 5, 1995 its last action item, the recommendation of a "1996 volunteer slate" to the incoming Region 3 Director, Mr. James Beall. The slate of Region 3 volunteers is intended to aid the Director in making standing & ad hoc committee, officer and special appointments. The N&A Committee wishes to thank all Region volunteers for their support of the N&A process and I want to personally thank N&A members Dr. David A. Conner, Mr. Robert S. Duggan, Jr., and Mr. Roy H. Harris for their dedication and diligence in conducting N&A business.



NEW RABFACTS FAX-ON-DEMAND SERVICE AVAILABLE-GIVE IT A TRY!

The Regional Activities Department (RAD) is offering a new fax-on-demand system-RABFacts to members and non-members. The twenty-four hour per day service is accessible by fax machine handset only at (908) 562-5514 and the only cost to members and non-members is the telephone call charge. The document Directory areas of interest are; Member Applications, Newsletter/Periodicals, Forms, Lists and Catalogs, Student Branch Information, Meeting Information, and Financial. To use the system;

1. Call (908) 562-6555 using a fax machine handset.
2. Order documents by assigned document numbers. You can obtain the RABFacts Directory (Doc.# 10000) by calling the above number and pressing 2 at the prompt, the Directory will be faxed to you.
3. Listen to the voice menu and follow instructions.
4. A maximum of 3 documents can be requested in a single call. The system will verify your document selection and allow changes to be made.
5. RABFacts will automatically transmit the requested documents.

The RABFacts system introduction and Directory is also on the Region 3 BBS at main menu <F>, <A>.

If you have a problem with this new service, contact Ms. Cindy Tiritilli, the RABFacts System Administrator at (908) 562-6358.



Joel Snyder, IEEE USAB Chair and Vice President of Professional Activities, presents the IEEE Regional/Divisional Professional Leadership Award to Region 3 member M. Don Trundle for "Outstanding Leadership Efforts in Advancing the Professional Aims of the IEEE in the United States." Also receiving this award were Region 3 members David G. Green (left) and Richard L. Riddle (background). Another Region 3 member, Jorge Medina (not pictured), received the IEEE USAB Achievement Award for "Significant Specific Contributions, Achievements, and Individual Efforts in the Development and Implementation of Professional Activities in the United States." Congratulations to these members of Region 3.

1995 IEEE-USA PACE CONFERENCE AND WORKSHOP by David Bower, East Tennessee Vice Chairman

The Comair turboprop slowly descended over the parched farm land of Iowa on its final approach into Cedar Rapids. The expanse of flat land, extending to the horizon, looked foreign to an IEEE member representing the East Tennessee Section. I felt like I was really in the heart-land of America as the shuttle drove toward the Collins Plaza, host hotel for the event. Inside, I quickly registered and, after a fast lunch, headed for my first meeting at 1:00 pm. I selected the one about career conflicts and how to facilitate such a workshop. In the session, the presenter set the theme for the career engineer: "You should be able to manage your own career." Career management used to be determined at the beginning of one's career, but the shift is toward continuing (and modifying) this effort throughout a career. There are phases in each person's career; in fact, there are multiple careers, and this can be advantageous. The important thing is to be in charge of your own career and not let someone else "chart it for you." One example is choosing between a strictly technical career and one in management. Engineers, typically, are trained for technical endeavors, but are ill prepared to move into management. Many are reluctant to turn down a promotion in management for "fear of not being a good company person." The important thing is not to get trapped in a career move that you are unhappy with and, frequently, leads toward undue stress. Balancing your career with family and other outside interests are important for the working engineer.

The Keynote Address on Friday evening, titled: Engineering Education in the 21st Century, was given by James L. Melsa, Dean, College of Engineering, Iowa State University. Dr. Melsa's presentation was tempered by his previous experience working in the private sector before joining the educational environment. His basic theme, shifting the importance of a learning based educational experience vs a teacher based educational experience, is pertinent to the changing dynamics of the educational experience. The aspect of a team learning experience, with grading being given to the class as a whole rather than to the individual, is an interesting concept. When the entire class works toward a common effort, including helping the slower learners, the rewards are greater. Students should learn because they want to learn and perceive the value gained, not because they are told "it's good for them." Dr. Melsa left us with an old African tale. Every Gazebo wakes up each morning hoping to run faster than the fastest Lion and every Lion awakes hoping to run faster than the slowest Gazebo. Good advice from a perceptive speaker.

Later, Lee Stogner lead a Region 3 Division society meeting. We had a chance to exchange ideas and discuss some common problems that we all face. Debbie Powers encouraged the sections to go after IEEE grant monies for productive efforts. The key, she felt, was doing something that would be beneficial over a period of time such as developing the format/content for a workshop that could be given more than once. Earlier, Joel Snyder, IEEE Strategic Planning Committee, offered an amount of \$ 10,000.00 for sections submitting proposals (to be divided among different sections). As he indicated, each will be evaluated individually and given preference in the order received.

After a hearty breakfast on Saturday, we all headed off to attend such sessions as Cybersearching for a job, Imminent Legislation on Telecommunication Policy and Registration Reform, Introduction to Electronic Mail (E-mail), Consulting and the IEEE Consultant Network, The Electric Utility Business: An Industry in Flux, and Preparing a Technologically Literate Work Force as several examples. All the sessions I attended were very good and well organized. There was simply too much information gleaned in the sessions to even try and condense it.

On Saturday night, we were treated to a festive "Pioneer Cookout" at the rustic Usher's Ferry Historic Village in Seminole Valley Park, a short bus ride from the host hotel. The food was great and plentiful and we were greeted to musical entertainment, compliments of Dave Franklin's Party Time Band. This village, as depicted at the turn of the century, allowed us to "feel" the temper of an "ancient" technology and its relevance and reflect on how far society has progressed, technologically, in less than 100 years. Perhaps, it was appropriate to browse the streets of this village and walk through the ghosts of past technology and contemplate the future in the next century.

We were all a little more relaxed at breakfast on Sunday and were soon ready to attend more sessions on such topical areas as Engineering Your Career, How to Protect Your Intellectual Property, and IEEE Electronic Bulletin Boards. Again, but a few examples of the sessions. At the luncheon, the IEEE presidential candidates gave their respective view points and answered questions. The candidates, Charles Alexander, Joseph Bordogna, and Jan Brown, all had pertinent points of view on where IEEE is and where it can go in the future. Chuck hit a good point when he expressed his feelings that "engineers are a resource, not a commodity" and "we need to work to promote and support this." During the Awards Ceremony, Region Three really racked up with four honorees. See the enclosed photographs. At the Awards Banquet that evening, we were treated to the comedic, if not timely, rhetoric of Dick Peters from Cornell College in Mount Vernon, Iowa. I really enjoyed his topic: "Poetry, Plane Geometry, and Cattle Rations: Education in Rural America."

At the closing session on Monday, it was mentioned that 267 registered for the 1995 IEEE-USA Pace Conference and Workshop in Cedar Rapids, Iowa. Concerns raised included increasing certification, increasing membership, bringing more younger members into IEEE, competition from a foreign engineering workforce, and other "hot" topics. My remarks do not represent a concise and through review of the conference; rather, they touch on several activities that I hope will convey the essence of the event. I thoroughly enjoyed all the sessions and activities and look forward to attending similar activities in the future. Thomas Cain, IEEE President, Joel Snyder, and others representing the institution were present at most activities and were very responsive to those in attendance. Everyone involved at IEEE in planning and hosting the conference, and certainly including the Cedar Rapids Section, are to be commended for a job well done.

IEEE Southeastcon '96

**"Bringing together Education,
Science and Technology"**

**Hyatt Regency
Tampa City Center
Tampa, Florida
April 11-14, 1996**



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WWW HOME PAGE

SOUTHEASTCON via URL address:
[http://www.eng.usf.edu/EE/
secon96.html](http://www.eng.usf.edu/EE/secon96.html)

SPONSORS

IEEE Region 3
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Southeastcon brings together engineering professionals, academics, and engineering students to share information through technical sessions, tutorials, and exhibits. Our theme highlights the recognition of the important relationship existing between education and the technical community.

The most influential regional outlet for promoting awareness of technical contributions made by our profession, Southeastcon is three conferences in one:

- ▲ Technical Conference
- ▲ Student Conference
- ▲ Region 3 Committee Meetings

Papers and Tutorials / Workshops Solicited

The Program Committee invites you to submit an original paper dealing with electrical or electronic engineering. Topics may be selected from a wide array of technology and application subjects.

- ✓ Full-length Paper (refereed) Submission Due Oct. 15, 1995
- ✓ Concise Paper (abstract refereed) Submission Due Nov. 1, 1995

Proposals are invited for organizing tutorial/workshop sessions. These sessions should emphasize current or near-term technology applications, advances or trends. Include the objective, a brief description and outline, intended audience, length (half-day or full-day), and a one-page c.v. of the lecturer(s). Due Dec. 1, 1995.

Direct submittals or information requests to the Technical Program Chair.

Highlights of the Student Conference will include hardware and programming contests (rules available from the Student Program Chair). Student papers are being solicited. Consult your Student Branch Counselor or the Student Program Chair. Submission deadline is Feb. 14, 1996.

**Southeastcon '96 promises to be
the best ever - don't miss this
excellent opportunity for technical and
professional enrichment**



STUDENT BRANCH CHAMPIONING REGION 3 SPECIAL PROJECT

The Georgia Institute of Technology (GaTech) Student Branch is currently supporting a major Region 3 Special project, the "Automated Consultants' Network". The Region 3 system will be a free service to clients and accessible by a direct dial phone number. Clients can search, identify, tag consultant files and download specific consultant files. IEEE consultants interested in being in the system would access the system by modem, fill out a technical template(s) off-line and then up-load the template to the systems hard drive. Typical system attributes will be;

1. Accessible by local and long distance carriers.
2. 24 hour service.
3. Clients would register on-line.
4. System capable of key word search (broad and narrow searches) and cross referencing.
5. Files of interest could be tagged for download and downloaded at end of inquiry.
6. Templates compatible with AICN Directory format.
7. System purges files periodically.
8. Statistics available (user/client accounts, # downloads, consultant accounts, # consultants, etc.)
9. Other attributes as system develops.

The pilot program is scheduled to go on-line in November 1995. For further information contact Vernon Powers, Region 3 Special Projects Coordinator at; v.powers@ieee.org

IEEE REGION 3 HISTORY AVAILABLE

A history of Region 3 of the IEEE, covering the southeast United States, has been prepared by W. L. Sullivan, Region Director in 1974-75. Mr. Sullivan's manuscript covers the period from 1963, when the Region was organized under the new IEEE, to the present day. The narrative history is over 65 single spaced pages, supplemented by several charts and appendices that give useful information in convenient tabular form. The manuscript is not being published but copies are available on a 3 1/2 inch DOS diskette and the document is posted on the Region 3 electronic Bulletin Board System which allows connected users to easily download the file. BBS menu refer to History Committee: -> <F> -> <C> History Document. For more information contact W. L. Sullivan, 2960 Green Valley Road, Snellville, GA 30278 or Vernon Powers at e-mail address; v.powers@ieee.org

IEEE REGION 3 BBS - SAMPLE OF THE TABLE OF CONTENTS

<p>TABLE OF CONTENTS Region 3 BBS</p> <p>A.....R-3 ADMINISTRATION A.....Excom Mtg., November 3-5, 1995</p> <p>Reservations A.....Director's Msg., B.....Reservation Form, Hotel C.....Urgent Memo (8-95),</p> <p>IEEE Travel B.....Director A.....Director Report, 3-25-95 C.....Delegate Director-Elect D.....Secretary A.....Excom Mtg. Minutes, 3-25-95 B.....Reg. Committee Mtg. Min., 3-95</p> <p>E.....Treasurer F.....Calendar of Events G.....Region 3 Action Item List H.....EXCOM Directory</p>	<p>Aliases</p> <p>I.....Area/Coun. & Sec. Email</p> <p>J.....Region 3 Bylaws</p> <p>K.....Region 3 Operations Manual A.....Table of Contents B.....I. Organization C.....II. Policies and Procedures D.....III. Finance E.....IV. Annual Communica- tions</p> <p>F.....V. Committees (standing) G.....V. Committees (Ad Hoc) H.....VI. Conferences I.....Appendix A. Region 3</p> <p>Bylaws J.....Append. B.1. Prof Travel</p> <p>Policy K.....App. B.2. Student Trav. Policy L.....Region Fixed Assets - Insurance</p> <p>B.....R-3 REGIONAL ACTIVITIES A.....Audit Committee (Ad Hoc) A.....Audit Committee Charter</p>	<p>B.....Awards and Recognition Committee A.....ARC Charter; Revision C - 04/94 B.....Awards (ARC) Manual C.....Communications (Ad Hoc) A.....General Info B.....BBS A.....PACE Conf. Panel</p> <p>Discussion C.....Email A.....Email Committee</p> <p>Charter B.....Email Administration C.....Area/Council & Section Email Aliases D.....Public Information A.....Public Information</p> <p>Charter E.....Newsletter A.....Newsletter</p> <p>Committee Charter D.....Conference Committee</p>
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IEEE Region 3 1996 Awards Program

- CALL FOR NOMINATIONS -

Region 3 of the Institute of Electrical and Electronics Engineers, Inc. is now soliciting nominations for the following awards:

Outstanding Engineer Award
Outstanding Service Award
Joseph M. Biedenbach Outstanding Engineering Educator

Award Information regarding the criteria for these awards and nomination instructions can be found in Section 2 of the Region 3 Awards and Recognition Program Manual.

The deadline for nominations is December 1, 1995. Recipients will be notified in early 1996, and the award presentations will be made at SoutheastCon '96. Although nominations are encouraged from IEEE Section or Area/Council Awards and Recognition Committees, nominations may also be submitted by any member directly to the Region 3 Awards and Recognition Committee by mailing or faxing to

Allan H. Long, P.E.
IEEE Region 3 ARC Chair
108 Eastland Drive
Memphis, TN 38111
(901) 528-4984 Facsimile

All nominations must be received no later than December 1, 1995. Acknowledgement of receipt of nominations will be made to the nominator within five (5) business days. Inquiries about the awards or the awards program may be directed to the Committee Chair at the above address, by telephone at (901) 528-4859, or by E-Mail at a.long@ieccc.org.

Professional Leadership

Information regarding the criteria for this award and nomination instructions can be found in Section 2 of the Region 3 Awards and Recognition Program Manual.

The deadline for nominations is December 1, 1995. Recipients will be notified in early 1996, and the award presentations will be made at SoutheastCon '96. Although nominations are encouraged from IEEE Section or Area/Council Awards and Recognition Committees and Professional Activities Committees, nominations may also be submitted by any member directly to the Region 3 United States Activities Board Awards and Recognition Subcommittee by mailing to

Val Bodin
IEEE Region 3 USABARSC Chair
2100 Ermavedo Drive
Richmond, VA 23235-3518

All nominations must be received no later than December 1, 1995. Acknowledgement of receipt of nominations will be made to the nominator within five (5) business days. Inquiries about the awards or the awards program may be directed to the Subcommittee Chair at the above address, by telephone at (804) 344-5609 (work) or (804) 272-6435 (home), or by E-Mail at v.bodin@ieccc.org.

ELECTRO-TECHNOLOGY INDUSTRY (ETI) DATABASE

Want to know who hires IEEE members? If you are a member of IEEE within Region 3, you can get a list of companies that employ technical professionals in the southeast. All you need to do is send an internet e-mail message to: empaccess.r03@eng.uab.edu

Use the below exact wording. An auto-response file will be sent to you by return e-mail with instructions on how to access the ETI Database.

REQUIRED FORMAT* for "access" e-mail message;

NAMELINE: |IEEE Mem. Number| |Last Name, First Name MI.| ADDRESS1: |Address Line #1|
ADDRESS2: |address Line #2|
ADDRESS3: |Address Line #3|
SECTNAME: |Section Name|
STBRANCH: |Student Branch Name|
HOMENMBR: |Home Phone Number|
WORKNMBR: |Work Phone Number|
EMPLOYER: |Employer|
EMAILADR: |E-Mail Address|

note: * Do not type brackets!

For membership information contact: j.howard@ieee.org, and for employment Assistance Information contact: r.riddle@ieee.org. Note, In October, all Region 3 section and area/council newsletter editors should have received camera ready artwork promoting the ETI Database. For further information, contact: Vernon Powers @ v.powers@ieee.org

Region 3 Expands ETI Database

In an effort to enhance employment services to Region 3 members who may have to seek employment outside of Region 3, Director Powers has promoted expansion of the ETI Database which was previously limited to electro-technology companies within the geographic boundaries of Region 3 (Southeast). The University of Alabama at Birmingham (UAB) Student Branch has taken the lead in up loading 2 high-tech employer databases, adding approximately 6,000 more companies to the current database of approximately 35,000. The addition of the Southwest and Central U.S. regions gives the Region 3 ETI Database approximately 50% coverage of the United States. The database up-dating and expansion activity is part of the Region 3 Special Project, ETI Database Phase 3 which was funded in January of 1995 and intended to be a recurring Region activity.

ETI Database to be Accessable to all IEEE Student Branch Members

To promote IEEE student membership and retention of student members, the ETI Database is scheduled to be available to all IEEE Student Branch members by November 1995. The Region 3 Special Project, under the lead of the UAB Student Branch will utilize the IEEE's Student Membership Database. All IEEE Student Branches will be encouraged to publicize the employment service to their membership and non-members. Upon notification by Mr. David Green, the ETI Database Coordinator, Director Powers will notify all Student Branches of system availability and provide instructions on how to access the database.



Debbie Powers, Region 3 Director, attended the Memphis Section 1995 Awards Banquet in May to present members with the Exemplary Section Award. Officers attending included (L-R) Philip Cox, EMBS Chair; R. Brian Skelton, PES/IAS Vice-Chair and Newsletter Editor; Philip Lim, Section Chair; Billy Allen, PES/IAS Chair; Director Powers; Wayne Jackson, Section Secretary; and John Reese, CS Chair.

Your Region 3 Membership Development Committee Presents Membership Development Tools for Sections and Student Branches

These items are being provided by the R3 MD Committee at or near cost to allow all Sections and Student Branches to take advantage of the bulk prices.

Use for Awards, Prizes, Give Aways, New Member Incentives, etc.

Complete the following and send to the R3 MD Chair at the address in the R3 Directory on Page 19.

NAME _____ Date _____
 Member # _____ Section _____
 SHIP TO: _____



IEEE

ITEMS (All with IEEE Logos):	Cost Each	Quantity
Flyers (Frisbees)	\$1.00	_____
Can Coolers (Koozies)	\$1.00	_____
Pens (Black/Silver)	\$10.00	_____
Coasters (Wood)	\$7.00	_____
Post-It Note Dispenser (Wood)	\$15.00	_____
Key Chain Flashlight	\$1.00	_____
Mouse Pad	\$2.00	_____
Pens (Ball Point)	\$1.00	_____
Magnetic Screwdriver	\$1.00	_____
 Total Amount of Order		 \$ _____

SECTIONS CONGRESS '96
NOVEMBER 1-4, 1996
DENVER MARRIOTT CITY CENTER
DENVER, COLORADO

BY DANIEL W. JACKSON

Sections Congress '96 is only a year away. Have you set aside funds in your section to help pay for your delegate to attend? Regional Activities and Region 3 is not going to cover all the costs. Algorithms for the calculation of the travel subsidy are still under study by a task force chaired by Debbie Powers, our Region 3 Director. Following is a list of the discussion topics which have been approved as of mid September 1995. SEND A DELEGATE FROM YOUR SECTION OR YOUR CONCERNS MAY NOT GET DISCUSSED!

RED TRACK
Section Management

Membership Development & Retention
Volunteer Recruitment
Leadership Development
Financial Self-Sufficiency
Sections Large/Sectins Small
Section Newsletters
Students
Social Activities & Programs
IEEE - The Next Few Years
Section Management: Nuts & Bolts

GREEN TRACK
The Section and Professional Concerns

An Engineer's Professional Life
Employer Support
Recognition Programs
Employment Issues
Engineering's Contributions to Society
Global Competitiveness
Women in Engineering
Ethics, Image of the Engineer

BLUE TRACK
Section Activities & Technical Concerns

Electronic Communications
Life-Long Learning
Application Oriented Papers/Tutorials
Society Support for Chapters
Society/Chapter Relations
Chapter Roles in Societies
Students and Young Engineers
Employer Support of Sections
Member Technical Activities
Member Communications

NON-TRACK TOPICS

IEEE Orientation: Explanation of the Organization
IEEE Exhibits: Products, Services, Standards, etc
Financial Advantage Program, more.
Professional Presentation Skills
Software Demonstations: Membership Data
Diskette, ROOT, World Wide Web,
IEEEnet, etc

SPECIAL PROJECT SUPPORT

If your Student Branch is interested in supporting a Region 3 member services Special Project, contact the Region 3 Regional Student Representative, David Lee at; d.c.lee@ieee.org

Region 3 Directory

Region 3 Director

Deborah M. Powers
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HAVE YOU USED THIS IEEE RESOURCE? THE REGION 3 BULLETIN BOARD SYSTEM

The basis for the BBS is to make information available to those of our members who have a computer and a modem, but not necessarily email or internet access. Region 3 has a toll free number (1-800-555-REG3) for those members living within (area code 404 use 446-0740) Region 3, and members from outside the region are welcome to access it at 404-446-0740. We have had members from most of the states within Region 3, as well as some calls from Connecticut, New Mexico and from as far away as Iran!

The BBS includes Institute and Region information, as well as having menu space for Region 3 entities (areas/councils, sections, chapters, student branches, etc.) to post information. The text of many of the Institute publications are available (awards manuals, newsletters, bulletins, alerts, etc.), and information sent out by IEEE-USA/USAB via email is posted there, also.

The biggest draw is the employment section. In addition to downloading the USAB job postings, we have many other Region 3 employment opportunity listings. The Region just mailed 2000 letters to employers of engineers in the Southeast, inviting them to post their job openings on the BBS free of charge.

When you have a few minutes, log-on and browse the BBS, you will be pleasantly surprised at the breath of information available. If you would like information on how you can utilize the BBS for your Region 3 organization contact Director Powers at d.powers@ieee.org



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