



School of Engineering Alumni Newsletter

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Message From the Dean

In this issue

Dean Message 1

**Homecoming Barbe-
que** 2

**Johnston Peeples,
ECE Dept Head** 3

**Kenneth Brannan
CEE Dept Head** 3

Giving to School 4

Greetings from The Citadel:

Benjamin Disraeli is quoted as saying: "Change is inevitable. Change is constant." So it is at The Citadel. As with many organizations in today's marketplace, The Citadel is undergoing significant changes to meet the challenges of the future. Beginning 1 January 2003, the School of Engineering at The Citadel was formed as a part of an overall reorganization of the academic units of the college. This new school consists of the Department of Electrical and Computer Engineering (ECE) and the Department of Civil and Environmental Engineering (CEE). It is my privilege and responsibility to serve as the founding dean for this new school. This is an exciting opportunity for me after 15 years of teaching at The Citadel in the CEE department.



Grimsley Hall

associated with The Citadel: faculty, staff, students, and alumni.

After 15 years of dedicated service as the Head of Electrical and Computer Engineering, Harold "Bud" Askins has stepped down from the Head position. We are still fortunate to have him continue to teach for us. Dr. John Peeples'70 effective 1 July has assumed the Department Head Position. As I moved up to the Dean's position Dr. Ken Brannan, effective 1 July, has assumed the position of Department Head of Civil and Environmental Engineering.

The challenge, as I see it, is to maintain excellence in engineering education in the existing turbulent economic environment which is having significant impact of state budgets. To do this we must maintain a student-centered approach to education that is coupled with a continuous improvement mindset that seeks out and then capitalizes on opportunities for growth. I have confidence that we can weather these times because of all the people



LeTellier Hall

School of Engineering Mission Statement

*To Provide Nationally
Recognized Learner
Centered Programs of
Study in
Electrical and Civil
Engineering*

(Continued on page 2)

School of Engineering Schedules Its Homecoming Festivities

The Citadel School of Engineering is inviting all Civil and Electrical Engineering alumni to celebrate by joining together in a day of activities on Saturday, November 1, 2003, behind LeTellier and Grimsley Hall.

A barbeque will be held in conjunction with the celebration of a special event – establishment of The Citadel School of Engineering. The day will begin with registration on the second floor of LeTellier Hall at 8 a.m.

Activities during the day will include:



Time	Event
0800	Open House and Registration
0845	Award Himelright Scholarship – LeTellier Hall Auditorium
0900	Engineering Olympics <ul style="list-style-type: none">• Slide Rule Competition (2nd Floor LeTellier Hall)• Surveying Chain Throwing (Front of LeTellier Hall)
	Historical Displays on Cadet Life and the COL LeTellier, COL Himelright, and COL Lindbergh Years (3 rd Floor LeTellier Hall)
1000	Alumni adjourn to Alumni Muster in Summerall Chapel
1100	Homecoming Review on Summerall Field
1200	Barbeque Lunch for registered Civil and Electrical Alumni and families (See included registration sheet)
1400	Football Game

Message From the Dean

(Continued from page 1)

I am pleased to announce that the School is planning to host a barbeque for the engineering alumni attending the up coming homecoming on 1 November. Included in this newsletter is a registration form. We hope that you will consider joining us.

Finally, but not lastly I want to thank all of you who have over the years supported the departments either with your time or by you donations to the individual departments. I assure you that you are making a difference in the education of the young people whom we have the privilege to teach each year. I invite you to visit you academic home and please stop by and see me in Grimsley Hall Room 128. I, personally, enjoy talking to alumni and showing them the progress that we are making.

Dennis

**Dr. Johnston W. Peeples, Head of
the ECE Department**

After 15 years as the Department Head of the Electrical and Computer (ECE) Department, Harold "Bud" Askins has step down to return to his teaching. The School of Engineering is fortunate to have Dr. Johnston Peeples agree to serve as the new department head. He brings to the position experience as a highly trained and practical engineer. He is an experienced leader, manager and teacher.

John graduated as the top cadet in the Electrical Engineering Department with a Bachelor of Science degree from The Citadel in 1970. He received his Master of Science degree in Electrical Engineering from the University of South Carolina (USC) in 1976. After completing his dissertation on the reliability of plastic packing of Complementary Metal Oxide Semiconductor (CMOS) devices, he received his doctorate from USC in 1978.

Prior to coming to the Citadel in 1999, John served as an Adjunct Professor in the ECE department at USC where he taught classes from the freshman level to the graduate level. The courses ranged from linear circuits, electronic materials, electronic packaging and Very Large Scale Integrated Circuit (VLSI) design.

In addition, to his teaching experience John has extensive industrial background. From 1987 to 1989 as Director of Operation and then from 1989 to 1991 as Director of Engineering with NCR E&M-Columbia. From 1991 to 1996, he was the Assistant Vice President of Technology for NCR/AT&T Corporation. Finally, he cofounded in 1991 and is presently the Chief Technical Officer of KyroTech Inc., which develops thermal management systems for high performance electronics. John is a Registered Professional Engineer in the State of South Carolina.

John has written numerous technical papers and holds several patents in electrical engineering. He can be reached at John.Peeples@citadel.edu.

**Dr. Kenneth P. Brannan, Head of the
CEE Department**

As of 1 July Dr. Kenneth P. Brannan has agreed to serve as the Head of the Civil and Environmental Engineering (CEE) Department, replacing Dr. Dennis Fallon who has assumed the position of Dean of the School of Engineering. Ken brings to the position a significant number of years teaching cadets at The Citadel.

Ken graduated with a Bachelor of Civil Engineering degree from Auburn University in 1973. Subsequently he obtained a Master of Science degree in Civil Engineering with an environmental engineering concentration from Auburn University in 1974. In 1986 he received his doctorate from Virginia Polytechnic Institute and State University. His dissertation topic was Substrate Stabilization in the Anaerobic Stage of a Biological Phosphorus Removal System.

Prior to joining the faculty at The Citadel in 1986, Ken was an Instructor in the Division of Engineering Fundamentals at Virginia Polytechnic Institute and State University from 1979 to 1985. Ken was promoted to Professor in the CEE Department in 1999.

Ken worked from 1975 to 1979 as a Project Engineer for J. B. Converse & Co., Inc. Among his responsibilities were the development of plans and specifications for municipal and industrial wastewater treatment systems as well as the preparation of 201 Wastewater Management Facilities Plans.

Ken has been very active in the American Society for Engineering Education (ASEE) where he has held several positions of leadership. Since 1989 he has served as the Campus Representative at The Citadel. From 1993 to 1997 he served as the Secretary/Treasurer and from 1998 to 1999 as President of the Southeastern Section of ASEE. Last year, he completed a term as chair of the Freshman Programs Division of the National ASEE.

Ken has received the C. A. Medbery Award for teaching excellence, the Tony Tilman award for service to ASEE, Outstanding Southeastern Section Campus representative for 1991 and 1997 and the Outstanding Campus Representative Award in the Zone in 1997. Recently, at the national ASEE conference in Nashville, he received an award for his service to ASEE

He has published numerous papers on engineering education. He can be reached at Ken.Brannan@citadel.edu.

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Giving to the School of Engineering

Donors often ask how they might designate a gift to the School or to a Department. It is the college's policy that any solicitation be conducted only by authorized Citadel fund-raising organization. The Citadel is fortunate to have two fund-raising entities—the Citadel Foundation and the Brigadier Foundation. Of these, gifts restricted to the School of Engineering or to one of the engineering departments should be made through The Citadel Foundation.

Donors who wish to make their gift through the Foundation may use the form mailed during the annual fund drive, and in the appropriate blank, specify for the School of Engineering or to one of the Departments and any purpose you prefer. To obtain a copy of the form you may contact the Foundation at (843) 953-5297 or write to them at 171 Moultrie Avenue, Charleston, SC 29409. You may also send your contribution without the form; simply make note on the check or in accompanying letter as to the purpose. Please make the check payable to The Citadel Foundation. Ken Sigmon, the Foundation's Annual Fund Director and his staff are ready to answer any questions you may

have.

You are welcome to choose the area in which to restrict your gift. It may be that you wish to make a contribution to the School for undesignated or general purpose, leaving it to the discretion of the Dean of the School of Engineering. Funding is always needed for student chapter activities, laboratory equipment, and computer technology. You may also choose to donate to a scholarship fund or one of the several endowments in either engineering department.

School of Engineering Alumni Newsletter is a periodic publication of the School of Engineering at The Citadel, 171 Moultrie Street Charleston, SC 29409.

Any comments, letters, alumni stories or suggestions are encouraged and should be sent to Dennis Fallon at dennis.fallon@citadel.edu