

INSIDE THIS ISSUE:

Undergrad- 2
uate Pro-
gram Up-
dates

Department 3
Events

Awards and 4
Recogni-
tions

Undergrad- 4
uate Re-
search

Hokie Bird 5
Reveal

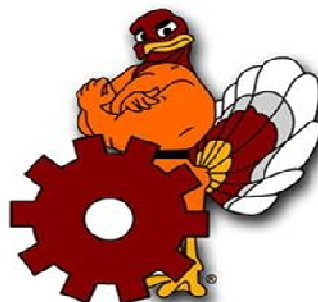
Brain Strain 5

Culture of 6
Glving

Hot Off The Press: Our First Edition

Dear all ISE family
members and fans,

We have started this Newsletter as an effort to keep you connected with the VT Grado Department of Industrial and Systems Engineering! We are going to keep you informed about the people who are shaping the future of ISE. Our goals will be to share our news and accomplishments and also those of ISE alumni and Advisory Board members. If you enjoy our first edition, please let us know, and please feel free to contact us



with any creative ideas or interesting news that you might have for future editions. The Newsletter will be distributed approximately every semester as we receive information. We are asking for submissions from our alums about your

promotions, marriages, births, new contact information, or anything else you would like to share. Please send information to Joyce Vest at [vestjs@vt.edu] for now. We hope to hear from you and hope that you enjoy our first edition!

Sincerely,
Your ISE Editors

IMPORTANT: To receive this letter in the future, please contact **Joyce Vest** at [vestjs@vt.edu] so that we may add you to the newsletter listserv.

The Numbers Don't Lie

A warm congratulations to the Virginia Tech Grado Department of Industrial and Systems Engineering, as the **Graduate AND Undergraduate** Programs now

both have rankings of **#4 in the country** based on the *U.S. News & World Report* for 2011. The numbers don't lie, and the Department is proud to have gained national

recognition for its hard work and many achievements. Way to go Virginia Tech ISE!

ISE is on facebook !

Attention all ISE friends, followers, and fans! There is a new way to get updates right away on department-wide news! The ISE Facebook Fan Page is up and running and we already have hundreds of fans. Undergraduate student leaders will be updating

this page throughout the year so you can receive updates as they happen.

The Facebook site for ISE is designed and maintained by the student Ambassadors. Joyce Vest is the staff contact for the student ambassadors.

Go to the following link to join:
<http://tinyurl.com/VTISE>

Also check out the ISE website for full length stories. Go to:
<http://www.ise.vt.edu>

Notable Quotable

"The ISE department strikes a perfect balance between intimacy and opportunity. Class sizes are small enough to foster the creation of real friendships while the outstanding faculty, staff, and resources available provide a chance for a variety of unique and meaningful experiences."
-Mitch Daniels



Dr. G. Don Taylor



Undergraduate Organization Updates

Institute of Industrial Engineers (IIE) Officers

President
Mike Stylianos, mikesty@vt.edu
Vice President
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Treasurer
Joe Angles, angles@vt.edu
Secretary
Ethan Reed, esreed@vt.edu
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Social Chair
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SEC Representative
Matt Moye, mmoye@vt.edu

Alpha Pi Mu Officers

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Teddy Golfo, tgolfo3@vt.edu
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Advisory Board & Alumni Relations Chair
Alexia Ioannou, lexi007@vt.edu
Relay for Life Chair
Betsy Nash, bnash07@vt.edu
Documentation & Publicity Chair
Ethan Reed, esreed@vt.edu
Recruitment Chair
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Curriculum Chair
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Featured Article

What's it like being the new IIE President

Dr. G. Don Taylor, the Charles O. Gordon Professor and our ISE Department Head at Virginia Tech, is the new President-Elect of IIE! The ISE faculty, staff, students and alumni warmly congratulate Dr. Taylor on this prestigious honor. Dr. Taylor has been a member of IIE since 1978 and has served as Virginia Tech's ISE Department Head since 2004.

When we interviewed Dr. Taylor about what it's like being the new President-Elect of IIE, he responded that it is "hard work, but fun and important work." He expressed enthusiasm about his new role in the organization that

shapes our profession and made sure to mention that he is working with a strong and motivated Board of Trustees to meet his goals. Coming from serving on the Board of Trustees himself and being the Senior VP of Academics to being the President-Elect and Chief Financial Officer, Dr. Taylor said that he is currently setting the tone for his Presidency by encouraging stronger membership and retention in addition to the current emphasis on services. When we asked what his plans and goals were regarding this expanding emphasis, he responded that he is

considering ways for recent graduates to stay involved and retain membership by incorporating interests of both industry and academic types while keeping up with provision of online training courses and other member services. For fun, we also asked about interesting travel opportunities and learned that the Board gets to travel to some pretty amazing places for meetings such as Vancouver, BC, Canada and Cancun, Mexico.

It sounds like it is going to be a great year for Dr. Taylor and IIE and we are wishing him the best in his new leadership position!

Department Event Highlights

Relay For Life 2010

Virginia Tech was once again the top collegiate fundraiser nationwide! The three ISE teams, under the coordination of Alyssa Tetkoski, collectively raised over \$6000 through various



fundraiser events (such as **Pie Your Professor**) and through generous donations. Thank you to everyone who helped, donated to, and participated in this event!



Relay For Life Pie Your Professor Fundraising Event 2010



Relay For Life Fundraising Skate Event 2010



Congratulations ISE Relay For Life Teams!

Ways to Stay Connected

If you and members of your class or your employer would like to sponsor or be a co-sponsor of an event (i.e. ISEats, pizza for information sessions, Relay for Life fundraising events) contact us and we will coordinate your efforts!

IIE/APM Spring Fling

IIE and APM hosted the annual Spring Fling, held at Caboose Park on May 1st. Lots of faculty, students and friends came out to celebrate the end of the semester and the beautiful weather! Each year APM sponsors several awards that are announced at Spring Fling and the ISE Banquet.

Congratulations to this year's recipients! See Page 4 and 5 for recipient details and pictures!



What's New in the Undergraduate Program



Words of Wisdom

*"Forget the plan,
seize the
opportunity."*

-Dr. Paul E.

Torgersen



Congratulations
to the Class of
2010!

Two major initiatives for the ISE Undergraduate Program the past few years have been to increase ISE student participation in UG research and opportunities for study abroad.

The number of students taking ISE 4994 Undergraduate Research for a technical elective has grown from 20 students in 2004-5 to over 50 during 2009-10. This provides a very important complement to formal classroom experience by giving students the opportunity to work more closely with faculty and graduate students and to be exposed to the research process – the critical thinking and analysis skills this

experience helps to develop are extremely useful regardless of whether students go on for a graduate degree or not. Also, for the first time in Spring 2010, students were able to showcase their work in the form of posters at the first annual Research Symposium held concurrently with the 2010 Senior Design Symposium.

For the first time in 2009-10, ISE students could study for a semester in another country while taking pre-approved IE courses to transfer back to VT. This study abroad program was launched at the Pontifica Universidade de Catolica de Parana in Curitiba, Brazil. The first ISE student,

Ashley Grauman, took four IE courses (in Portuguese) during Spring 2010, and after completing her other junior courses in summer II will still graduate in four years with her class of 2011! Another program has been developed with Karlsruhe Institute of Technology in Germany, where Brian Crowe is studying for one year.

The ISE Department would like to thank all of our alumni and friends who have provided financial support to the Department so that we can offer these additional opportunities to our students.

Senior Symposium Design Awards

Performance Impact Award

Mikaya Fieri, Nathan Ranney, Eric Schroeder
Advisor: Dr. Eileen Van Aken
"Reducing Patient Turnaround Time in ER" at Lewis Gale Medical Center



Application of ISE Methods and/or Tools Award

Evanthia Angelo, Irene John, Brian Williams, Stephanie Woo
Advisor: Dr. Ebru Bish
"OB/GYN Clinic Workflow Improvements" at Carilion Clinic



Project Management and Leadership Award

Jaffer Hasnain, Ryan Kuchova, Jamie Smith, Jeremy Sutherland
Advisor: Dr. Hazhir Rahmandad
"Agility Defense Government Services Performance Measurement System" at Agility DGS



Communication/Presentation Skills Award

Max Singer, Lucas Still, Daniel Surber, Alyssa Tetkoski
Advisor: Dr. Woodrow Winchester
"Database GUI Enhancement" at Technomics, Inc.



Communication/Presentation Skills Award

Andrew Freedman, Pooja Jani, Andrea Kohler, Rebecca Oley, Sarah Ruggiero
Advisor: Dr. Doug Bish
"UPS Preload Loader Dispatch" at UPS



USMA Project Management Award at West Point

Jaffer Hasnain, Ryan Kuchova, Jamie Smith, Jeremy Sutherland



Other Outstanding Awards and Recognitions

The Outstanding Junior and Senior Awards are based on applications completed by nominated students. The criteria include scholarship and service to the Department, College, and University.

Robert P. Davis Outstanding Junior Award - **Brett Anderson and Margaret (Maggie) Morrison**



Robert D. Dryden Outstanding Senior Award - **Angela Camp, Lucas Still, and Daniel Surber**



The Outstanding GTA Awards and the Outstanding Teaching Award recipients this year are:
Outstanding GTA Awards - **Fadel Megahed and Susan Hunter**



Lucas Still – Phi Kappa Phi Medallion Award for achieving the highest GPA in the College of Engineering, 2010

Angela Camp – Alpha Pi Mu Award of Excellence Scholarship 2009-2010

Paul E. Torgersen Leadership Scholarship Recipients - **Pedro Graber and Mike Stylianos**



Paul E. Torgersen Outstanding Teaching Award - **Dr. Brian Kleiner**

Hokie Bird Reveal

Ladies and Gentlemen,

It's finally time for the revelation you've all been waiting for - the 2009-2010 HOKIE BIRD REVEAL! That's right - one of our very own students in ISE had the privilege of serving as one of the official Virginia Tech mascots. Mitch Daniels (see photos) served as one of the Hokie Birds

for four semesters, acting as the official entertainer for various events such as football and basketball games and even at some of our own ISE functions! As recognition at graduation, he was able to wear the Hokie Bird feet throughout the ceremonies. Join us in congratulating Mitch for a job well done!



Brain Strain

Welcome to the ISE Brain Strain! In every Newsletter, there will be a competition for all readers. Submit answers to our chief editor, Alexia Ioannou at [lexi007@vt.edu] and the winner's response will

be featured in the next edition!

Challenge:

Name the funniest encounter you've ever had with a faculty member (even if you are one).

How to win:

It must be an actual

encounter with a real faculty member, and it has to make us laugh out loud! There will be a panel of judges who take their humor seriously!

Good luck!



Creating a Culture of Giving

At the Grado Department of Industrial and Systems Engineering, our vision is to be leaders in research, education, professional outreach and leaders in our communities and society. Funds from the Commonwealth of Virginia to Virginia Tech do not cover our annual budget or needs. Private giving is critical if we are to maintain let alone improve, the high quality of our processes. Giving to ISE at Virginia Tech can provide student scholarships, maximize students' learning, help us attract and retain the world's best faculty,

assist with day-to-day operations, and help maintain state-of-the-art research and teaching facilities. If we are to be competitive with other top 10 departments, giving is vital.



To aid us in soliciting funds for this endowment, we recently commissioned a "Hokie Bird" sculpture, which has been installed on the wall in Durham Hall right outside the departmental office suite. The names of our Benefactors will appear prominently on the large brass plaques above the Hokie bird and the names of our Patrons will appear on the brass plaques on either side of the sculpture. Our Sponsors names will appear on the bronze plaques surrounding the Hokie bird.

Our Most Vital Need - The Hokie Bird Project.

A Special Thanks And Recognition To Our Hokie Bird Excellence Fund Contributors

Adams, Michael & Brenda	Dick, Dan & Lynn	Mayo, Trevor	Sauer, Nancy & Ron
Arnold, Dick & Sally	Doughty, Gary & Eleanor	Memmer, Peter	Smith, Jaime & Erika
Arnold, Joseph	Easterly, Mary Chris	Miller, Matthew & Holly	Smith, Michael & Elizabeth
Askew, Tom	Fitzgerald, William & Vicki	Monroe, Ellis	Snelling, Steve
Bailey, Fred	Forbes, Charles & Patricia	Montague, John & Jean	Stewart, Mona & Kevin
Birk, Lydia	Grado, John & Corrie	Montgomery, Doug & Cheryl	Szabos, Brian & Kurstein
Blanchard, Ben & Dot	Gynn, Jack & Becky	Norris, Jack	Taylor, Bob & Connie
Canada, John & Wanda	Hepler, Clint & Nita	O'Brien, Charley & Betsy	Taylor, Don & Jo Ellen
Casali, John	Jones, John & Lillian	Pannell, Rob	Torgersen, Paul & Dot
Chachra, Vinod & Ranjana	Klein, Dave & Christine	Polk, John & Marty	Van Aken, Eileen & Steve
Cullinane, Thomas & Katherine	Laman, Denise	Ring, Bill & Sara	van Luyn, Dutch & Trudy
Davis, Darrell & Michelle	Leclaire, Kevin & Jessica Oi	Rusak, Jennifer & Mark	Worley, Hal & Thornie
Deisenroth, Mike & Marilia	Leslie, Charles	Sage, Don & Mary Etta	

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