Tinsel Tree

Participation in the festivities and competitions surrounding The University of Alabama’s Homecoming is a Computer-Based Honors Program tradition that began in 1993. That year, CBHP entered the lawn decoration, parade, and sports competitions. One year later, CBHP won first place in the lawn decoration competition and placed in several other events, initiating a tradition of Homecoming excellence that continues today.

This past Homecoming, fall of 2009, CBHP earned the following victories:

*Continued on page 2

Randall Endowment

Seven talented Computer-Based Honors students are benefitting from the Catherine J. Randall Endowed Support Fund this year. The endowment was established to support and promote CBHP undergraduate research.

In April, it allowed Agata Kargol to present her research, “RSS Feeds as a Measure of News Outlet Behavior: A Practical Method of Analysis,” at the Southern States Communication Association’s Undergraduate Honors Conference in Memphis, Tennessee.

The endowment will also provide equipment and biological medium for the research of Katie Romelfanger as she works with Dr. Gary Sloan on the Characterization of Plasmid pALE-1 from Staphylococcus capitis EPK1.

This summer, five other talented Computer-Based Honors Program students will be supported for research internships in UA labs. Bryan Herren will study microscopic C. elegans in the lab of Drs. Kim and Guy Caldwell (affectionately dubbed “the worm shack”) and Stephen Walker, Ryan Flamerich, Jessica Duke, and
Activities

Homecoming

*Continued from cover

- 1st place in dodgeball division
- 2nd place in dodgeball overall
- 3rd place in girls basketball
- 2nd place in Paint the Town Red window decorating contest (1st place went to the Arts and Sciences Student Ambassadors, whose design was created by CBHP's very own Lindsay Jones Lindsey.)
- 3rd place among the academic buildings in the lawn decoration competition

Homecoming Chair Annie Ostrow, Paint the Town Red chair and Homecoming co-chair Theresa Mince, artistic designer Jared Lauridsen, and Sports chairs Dan Preston and Roger Rozanski deserve special congratulations for all their hard work and success.

Despite the conclusion of our extensive 1st-place lawn decoration streak, CBHP had a very successful Homecoming. Reflecting on the festivities, chair Annie Ostrow noted, “This week has proven to me how proud I am to be a CBHer. Everyone in this program, from the students to the faculty to the alumni, have made this week one of the most memorable weeks in my life... It has been stressful, but it has been very fun. Roll Tide!”

As a program, we look forward to many years of Homecoming excitement, teamwork, and Crimson spirit. Our view of the future would be dramatically different without the collaboration of the entire CBHP family: the support of alumni and friends, the tradition of excellence established by past participants, and the tireless efforts of our current students and staff. Thanks go to all of you whose membership in the Seebeck Society and generous donations make our participation in events like Homecoming possible.

Doinghardtime:HomecomingartisticdesignerJaredLauridsenand chair Annie Ostrow slave away over the 2009 lawn decoration

Snapshot of CBHP's 2nd-place-winning window decoration

It’s Time for Tees!

NottHallhasbeenlittle draftylately, so we have decided it's time for anewCBHPT-Shirt! We are still in the brainstorming phase, but if you are potentially interested in purchasing a shirt, please let us know by e-mailing uacbhp@gmail.com.
Awards

Randall Outstanding Undergraduate Research

The Randall Outstanding Undergraduate Research Awards are awarded annually to students for their efforts in research. After being nominated by a faculty member, students are considered for the award by a panel of judges specializing in a variety of disciplines. This year, seven students from the Computer-Based Honors Program earned the award and were recognized for their undergraduate research at the Randall Outstanding Undergraduate Research Awards luncheon held in April. Congratulations to CBHP students Richard Cockrum, Jessica Duke, Daniel Gerber, Natalie Gist, Matthew Kelley, Rebecca Long, and DJ Outlaw.

Richard Cockrum with Dr. Cathy Randall at the Randall Outstanding Undergraduate Research award luncheon

Randall Endowment

*Continued from cover

Matthew Kelley will perform Computational Chemistry research with Dr. David Dixon.

All seven students benefitting from the endowment have established themselves in research through presentations and conferences. In addition, Jessica and Matthew were recently named NOAA/Ernest Hollings Scholars, and Stephen, Ryan, and Bryan are rising sophomores with three years of undergraduate research ahead of them.

Computer-Based Honors recipients of the Randall Outstanding Undergraduate Research Award (from left to right): Jessica Duke, Daniel Gerber, Rebecca Long, Richard Cockrum, Natalie Gist, Matthew Kelley, and DJ Outlaw

Please continue to help current and future CBHP students by donating to the Catherine J. Randall Endowment. Send donations in the form of cash or check (made payable to The University of Alabama) to

Computer-Based Honors Program
The University of Alabama
Box 870169
Tuscaloosa, AL 35487

or make an online donation at ua.edu/advancement/giving/donate.

Choose “Other” under “Gift Giving” then list “Catherine J. Randall Endowment.”
Announcements

A Well-Deserved Achievement

On August 16, 2010, the UA honors community officially welcomed Dr. Shane Sharpe as the new Dean of the Honors College. Dr. Sharpe brings to the table a full year of experience as the Interim Dean of the Honors College as well as five years as the Director of the Computer-Based Honors Program. Students and faculty alike have commended him for the interpersonal and leadership skills that support his appointment as dean.

CBHP is particularly enthusiastic to congratulate Dr. Sharpe on his achievement. Inspiring equal excitement is Dr. Sharpe’s decision to remain Director of CBHP and continue teaching CBHP seminars.

While Dr. Sharpe’s appointment will no doubt bring changes and adjustments, it has also created new opportunities for growth and improvement. Congratulations, Dean Sharpe!

Note from the Development Desk

My favorite part of working at The University of Alabama is telling alumni and friends of the University where I work. When you tell someone you are with “UA’s Honors College” usually he/she seems to know some outstanding student or alumnus associated with UA’s Honors Program. We owe our success in recruiting the best and brightest students to UA to your on-going support – support that provides scholarships to worthy and outstanding students.

Thus far, the Honors College CBHP has four endowed scholarships: the Jerry C. Pruett Endowed Memorial Scholarship, Catherine J. Randall Endowed Research Scholarship, Henry Pettus Randall Endowed Memorial Scholarship, and Charles L. Seebeck Memorial Endowed Scholarship. You can help us increase our scholarship efforts by making gifts directly to these endowed funds. As each endowed fund increases, so will the amount we have to award to CBH students. Or, with a gift of just $4,000 annually for five years, you can establish your own endowed scholarship. Endowed scholarships start at a level of $20,000 and are a wonderful way to honor or memorialize a friend or loved one.

If you are interested in learning more about gift opportunities at the UA, please contact me at Jackie.Hurt@ua.edu or 205-348-5558.

Thank you for your commitment to the Computer-Based Honors Program.

Sincerely,

Jackie Wuska Hurt
Development Director
Dear alumni and friends,

I hope this newsletter finds you well and excited for the future of the Computer-Based Honors Program. I would like to express my gratitude for the support and warm wishes I have received regarding my appointment as Dean of the Honors College. I look forward to the opportunity this appointment affords me to promote scholarship and excellence throughout the UA community. It would hardly be possible for me to assume these responsibilities without the strong network of support that sustains the Computer-Based Honors Program. Because of your generosity with your time, talents, and resources, the vitality of CBHP continues to increase and its positive influence continues to spread throughout the UA campus and beyond.

Nowhere is this influence more evident than in the accomplishments of our students. I congratulate our recent graduates and wish them well in their educational and professional endeavors. The placement of our graduates into some of the nation’s leading companies and graduate/professional schools continues to be exceptional. I also commend the CBHP students who are recipients of or runners up for 2010 Hollings (4), Goldwater (2), and USA TODAY All-USA Academic awards (5).

The accomplishments of our students exemplify the commitment of CBHP to promoting student research on campus, across the country, and abroad. With this goal in mind, we assure you of our intent to be good stewards of the program that each of you have shaped and strengthened. Even now, your generosity is providing scholarship funds to support summer research opportunities for several of our students working on-campus or at an international research facility.

Once again, thank you for your continued support of the Computer-Based Honors Program!

Take care and Roll Tide!

Dr. Shane Sharpe
Honors College Dean
Awards

Following is a list of Computer-Based Honors students who have received national awards.

USA Today All-USA College Academic Teams

The annual USA-TODAY collegiate academic competition has long been an ideal opportunity for CBHP students striving to change the world to achieve recognition. This year is no exception. The University of Alabama led the nation with ten team members, five of which are in CBHP.

Connor Johnson - 2nd Team
Connor Johnson was recognized for his work on designing a program to help pre-medical students acquire clinical experience while simultaneously providing care to underserved areas in Alabama.

Dana Lewis - 2nd Team
Dana Lewis is being honored primarily for her efforts to smooth the transition to collegiate living for students with diabetes. This most recent project is a continuation of her other work in health communications, for which she has incorporated innovations in technology (like twitter) to promote awareness and understanding.

Richard Cockrum - 3rd Team
Richard Cockrum’s computational chemistry research on predicting the decomposition of chemical weapons earned him a spot on the third All-USA team. His research has direct implications for protection from the harmful effects of chemical warfare.

Rebecca Long & Kalen Berry - Honorable Mention
Rebecca Long’s success is the result of her computational chemistry research on the efficiency of catalysts. Her research may ultimately help replace the use of fossil fuels.

Kalen Berry’s recognition stems largely from his efforts to inspire young people in the islands of the Republic of Kilibalti to pursue careers in medicine. Kalen was also named a University of Alabama Outstanding Senior for 2010.
Goldwater Scholarship

The Barry M. Goldwater Scholarship and Excellence in Education Program strives to encourage careers in science, mathematics, and engineering by providing scholarships to highly qualified college students seeking careers in these fields. Established by Congress in 1986 in honor of Senator Barry M. Goldwater, the award is among of the most prestigious of its type. The generous scholarship covers up to $7500 of education-related expenses per year. Computer-Based Honors student Daniel Gerber is a 2010 recipient. Fellow CBHP student Richard Cockrum was awarded Honorable Mention.

Daniel Gerber

Gerber, a Mechanical Engineering undergraduate, plans to pursue a Ph.D. in Mechanical engineering and make a career of continuing the engineering research he has begun at the University of Alabama. Gerber’s research with Aerospace Engineering professor Paul Hubner has already earned him first place awards in the American Society of Mechanical Engineers district F Student Professional Development Conference Old Guard Oral Presentation Competition and the undergraduate division of the Aeronautics and Astronautics International Student Conference technical paper competition.

Richard Cockrum

Cockrum, a Biochemistry major, plans to pursue an M.D./Ph.D. in Molecular Epidemiology, with which he plans to conduct population-based research on disease etiology at a public health agency.

Hollings Scholarship

Four University of Alabama students, all of whom are members of CBHP, are recipients of the National Oceanic and Atmospheric Administration (NOAA) Ernest F. Hollings Undergraduate Scholarship. The Hollings Scholarship Program aims to increase research and understanding concerning natural resources and the environment. Areas of focus include undergraduate research training, improvement of environmental literacy, preparation for careers with the National Oceanic and Atmospheric Administration, and the recruitment and preparation of future teachers in oceanic and atmospheric science.

The four Hollings Scholarship winners are pictured below. From left to right: Kaylan Gee, Cameron Bolt, Matthew Kelley, and Jessica Duke.
Awards

Undergraduate Research Conference

The University of Alabama’s Annual Research and Creative Activity Conference is described on the university’s website as “a premier event at The University of Alabama.” It provides an opportunity for the university’s most focused and diligent undergraduates to showcase their accomplishments. For Computer-Based Honors students, the conference also serves as their final spring presentation, marking the culmination of another successful year in one of the nation’s most innovative and challenging honors programs.

All of the Computer-Based Honors students who participated in the 2010 conference presented their research admirably, and many found their hard work rewarded at the award ceremonies. Following is a list of the Computer-Based Honors Program students who placed in the conference.

First Place Winners
Samantha Lindsay and Michael Robson
Nursing
Oral Presentation
Managing Type Two Diabetes with iPod Touch Technology
Cyrus Massouleh
Education
Poster Presentation
Creating an Online Identity for Project ACTS

Karly Tuggle and Julia Simcoe
Commerce & Business Administration
Oral Presentation
A Sustainable Mobile Bay

Emily Wayman
Arts and Sciences - Natural Sciences
Oral Presentation
Biochemical Characterization of Glycosyltransferase Enzyme MshA

Second Place Winners
Lindsay Scholes and Jack Heflin
Education
Oral Presentation
Creating an Electronic Infrastructure for the Capstone Mentoring Program

Daniel Bush
Arts and Sciences - Fine Arts and Humanities
Oral Presentation
Mae and Lige: Military Life and Courtship in WWI

David Butler
Arts and Sciences - Fine Arts and Humanities
Poster Presentation
Kirsten Ansorge with her poster: “Oxidative Stress Response to Cadmium in Zebrafish Embryos: Induction of MT and HO-1 in a Cadmium-Dependent Manner”
Awards

WellBama Data Integration and Analysis

Daniel Preston and Roger Rozanski
Engineering
Poster Presentation

Localization with Motes

Third Place Winners
Erin Jacobs
Social Work

Cameron Patterson
Engineering
Poster Presentation

Design and Simulation of a 3-D Antenna

Fourth Place Winner
Theresa Mince
Human and Environmental Sciences

Kaylan Gee explains her poster, “Changes in Microbial Communities in Coastal Plain Streams: The Influence of Beaver Wetlands,” to an interested passerby

coccus capitis

Chris Armbrester
Commerce & Business Administration
Poster Presentation

Simulation Optimization Approach to Incident and Emergency Management

Andrew Mitchell and Joseph Florence
Education
Oral Presentation

Immersion in the Ethical Decision-Making Process: Developing Second Life as a Research Tool

Katie Romelfanger
Arts and Sciences - Natural Sciences
Oral Presentation

Characterization of Plasmid pALE-1 from Staphylo-
Awards

Honors Day Convocation
The Computer-Based Honors Program Honors Day Convocation took place on April 9, 2010.

Catherine J. Randall Student Excellence Award
Daniel Marbury

Charles L. Seebeck Award
Connor Johnson

Jane Nix Outstanding Service Awards
Amber Eaves
Kayla Evans
Theresa Mince
Annie Ostrow
Dan Preston
Roger Rozanski
Lindsay Scholes

Jerry C. Pruett Memorial Scholarship
Henk Both

Darren Evans-Young Outstanding Freshman Awards
Austin John Collins
Grace Hoover

Outstanding Computer-Based Honors Sophomores
Jessica Duke
Matthew Kelley

Outstanding Computer-Based Honors Juniors
Jon Lauer
Katie Romelfanger

Outstanding Computer-Based Honors Seniors
Isaiah Clemons
Dana Lewis

Outstanding Student Athlete Awards
Nathan Corder
Kyle Weeks

H. H. Chapman Award
Andrew Price

Edward C. & Jane M. Johnson Endowed Scholarship
Nikolai Kochurov

Dr. Charles L. Seebeck Endowed Scholarship
Daniel Gerber

Henry Pettus Randall, Jr. Scholarship
Richard Cockrum

Kenneth J. Tobola Award
Kalen Berry

CBHP Outstanding Undergraduate Researchers
Daniel Bush
Grant Cochran
Kaylan Gee
Mitchell Hughes
Emily Jones
Laura Mould
Darryl Outlaw, Jr.

CBHP Award Winners of 2010 gather for a photo opp after the CBHP Honors Day Convocation
In August of 2009, CBHP welcomed an impressive freshman class of 39 students with an average high school GPA of 4.17 and an average ACT score of 33. This year was one of change and transition: with Jaclyn off to UCONN, Darren took on both freshman classes and an introduction to SQL was added to the freshman curriculum. We are excited to see what changes and innovations these students will bring to UA.

Congratulations, Graduates!

December 2009 Graduates
Beth Knowles - English
Ivan Meyer - Operations Management
Amanda Wilson - Management Information Systems

May 2010 Graduates
Stephanie Baker - Secondary Mathematics Education
Kurt Barry - Physics
Randy Beavers - Quantitative Finance
Kalen Berry - Biology
Thomas Berryman - Economics
Joshua Davenport - Electrical Engineering
John Duffey - Economics
Kayla Evans - Media Design & Implementation
Britton Farrell - Finance, Economics
Andrew Faulkner - Electrical Engineering
Courtney Guenther - Chemistry
David Hardin - Business
Jamie Hennigan - Chemistry
Tyler House - Mechanical Engineering
Will Lankford - Finance
Dana Lewis - Public Relations
Rebecca Long - Chemistry
Daniel Marbury - Music, Political Science
Evan Niner - Physics, Mathematics
Desiree Picone - Chemistry
Malcom Reddoch - Management Information Systems
Carter Slappey - Finance
Jessica Triplett - Dance, Communication Studies
Justin Vines - Biology

August 2010 Graduates
Jared Lauridsen - Art
Nicolette Corbin - Chemical Engineering

Address Change?
Have you recently moved or changed your preferred email address? Help us keep our records up-to-date by notifying us of any changes, and we'll keep you up-to-date on the Computer-Based Honors Program!

Keep in Touch!
We like to hear from our alumni! Where has life led you since CBHP? How have your resumes and families grown? Drop us a line by e-mailing uacbhp@gmail.com.

The CBHP listserv is alive and well and could benefit from your input. Join to ask or answer questions and keep up with CBHP discussions. E-mail uacbhp@gmail.com to add your name to the list today!
Membership Application

Thank you for joining the Seebeck Society! Please check all of the following that apply.

____ Yearly Renewable Membership ($25 or $10 for graduate/professional school students)
____ Lifetime Membership ($500 one-time membership fee)
______ Additional Donation: $_______ (Amount)

Total Amount $___________

Payment Options

_____ I've enclosed a check
_____ I prefer to pay by
   ___ Visa  ___ Mastercard  ___ Discover

   ____________________________
   Card Number

   ____________________________
   Expiration

   ____________________________
   Signature

Personal Information

_____________________________
Full Name

_____________________________
Address Line 1

_____________________________
Address Line 2

_____________________________
City, State, Zip

_____________________________
Telephone

_____________________________
Email

I am a(n) ___ Alumni  ___ Parent  ___ Friend  ___ Student

_____ I am renewing my membership
_____ I am joining as a new member

Benefits of Membership include a Homecoming reception, annual meeting vote, and newsletter. These goods and services provided in return for your contribution have insubstantial value, entitling this gift to be tax deductible to the extent allowed by law. Send form to Computer-Based Honors Program, Box 870169, Tuscaloosa, AL 35487-0169. Send address or news updates to jbatson@ua.edu.