

DEANotes

C O L L E G E O F S C I E N C E A N D T E C H N O L O G Y

W O N G N O T E S

Plantonics

On November 21, Armstrong State University and Claude Galipeault, “Head Lettuce” (CEO) of Plantonics, LLC, held a ground breaking ceremony in the field across from Victor Hall and signed a Memorandum of Understanding that opens the way to build a solar-powered vegetarium and aquaponics complex at that site. Armstrong faculty and students will be directly involved in the design and operation of the facility and have the opportunity to conduct cutting edge research using biodynamic, environmentally-friendly techniques.

Celebrating our Dean’s List Students

On February 11, the College of Science and Technology and the College of Liberal Arts hosted the first-ever reception to recognize the two college’s Dean’s Lists (for fall, 2014) students. To “put our money where our mouth is,” i-Dean Wheeler (CLA) and i-Dean Wong (CST) each contributed \$500 so that a lucky honoree, whose name was pulled out of a fishbowl, would win a \$1,000 scholarship. The lucky winner was a CST student! We are exceptionally proud of our 226 Dean’s List students, who worked very hard to earn a 3.6 GPA in some very challenging courses. See the last two pages of this issue of DeaNotes for the complete list of CST Dean’s List Fall, 2014 students listed by major.

“Science on Tap”

On February 12, CST held the inaugural “Science on Tap” event. “Science on Tap” aims to bring science to the community in layperson’s terms in a fun and informal setting. Dr. Richard Wallace, Professor of Chemistry, gave a riveting talk on the

“Science of Thomas Edison” to a diverse audience of about 70 people in attendance at Savannah Coffee Roasters, 215 W. Liberty Street. Much thanks to Lori Collins, proprietor and operator. The brew (both joe and beer) was great as were the pastries and pot pies!

The next “Science on Tap” will be held at the same location on Tuesday, March 3. Dr. Susan Schneider, a biopsychologist, learning researcher, and behavior analyst, who’s currently a Visiting Scholar at the University of the Pacific, will be speaking about her recent book, *The Science of Consequences*. Ten years in the making, *The Science of Consequences* tells a tale ranging from genetics to neurotransmitters, from emotion to language, from parenting to politics--taking an inclusive interdisciplinary approach to show how something so deceptively simple can help make sense of so much. The science of consequences has applications everywhere--at home, at work, and at school, and that’s just for starters.

Come join us (the awning of Savannah Coffee Roasters actually says “**Coastal Empire Trading Company**”) at 6:30 p.m. on March 3. Books will be available for purchase and signing by the author at 5:30!

NEW FACULTY PROFILE: DR. MICHELE GUIDONE, ASSISTANT PROFESSOR OF BIOLOGY



Michele Guidone – Assistant Professor of Biology – Michele received her BS in Biology at the University of Connecticut, Masters in Biology from Southern Connecticut State University, and her PhD in Biology from the University of Rhode Island. Her research focus is in community ecology, which studies how groups of organisms interact in the same habitat. In particular, Michele has research interests in macroalgal blooms and also studying invasive species. Fortunately for Savannah, macroalgal blooms do not occur in our region; however, it is not well understood why we do not get them. Michele plans to compare our coastal water and landscape to other coastal regions that do have blooms in order to get a better understanding of why we are insusceptible. Her other area of interest is investigating an invasive Asian seaweed that has been flourishing in our coastal waters from Canada all the way south to Georgia. It vigorously uptakes Nitrogen, allowing it to out compete other seaweeds. What makes this species particularly aggressive is that it is able to grow in mud flats and other areas where seaweeds are usually unable to grow. Currently Michele is teaching general biology, but she looks forward to the opportunity to teach field courses that will expand student learning outside the classroom.

NOTES FROM ABROAD - BY: EILEEN SNYDER

CECILIA HERNANDEZ - GERMANY, SUMMER 2014. "LIFE-CHANGING"

If you were to ask Cecilia what she would bring back from Europe that would improve America she would answer "The transportation system, it is on time and if delayed, you are told!" Well, no one would argue with that sentiment or the opportunity to travel to Europe with 15 other students to study fermentation while experiencing the history and culture of Germany.

Cecilia's excursion began in Berlin over a period of two and a half weeks in the summer of 2014. The pace was exhausting but exhilarating for Cecilia and her travel companions. "Late nights and early days" was the way she described her journey. There was the bike tour of Munich and Neuschwanstein Castle not far from the alpine foothills of Austria. The fact that this 19th century castle was the inspiration for the Sleep-

ing Beauty Castle at Disneyland is what Cecilia remembered, "We visited Swan Lake and the sights were breathtaking, it was definitely the highlight of my trip." There was the day trip to Luxembourg; hiking to Burg Eltz Castle, a tour of Cologne Cathedral once the tallest structure in the world, and walking the old cobblestone streets of Magdeburg a medieval city situated on the Elbe River and Trier- perhaps the oldest city in Germany founded before 16BC. If given the opportunity Cecilia would tell Armstrong students on the fence about study abroad that there are no negatives and the experience could be "life-changing".

Cecilia Hernandez is currently a senior studying Biology with a minor in Chemistry, she will graduate this May.

Post Armstrong she plans to attend medical school and ultimately become an Ophthalmologist. She views her trip to Germany as an opportunity of a lifetime. "Getting to know the German people and experiencing their love of life, their enjoyment of food and drink was amazing." In fact, she never expected the locals to be as friendly as Southerners, but they were.

Cecilia chose the trip to earn three credits in her program minor. As a result, she came to know and understand the chemistry of fermenting beer and wine. "Dr. Feske made it interesting by applying chemistry to a real world product." Since all the lectures were informally held at various youth hostels, the experiential part took place on guided tours through breweries and vineyards

throughout a region of Germany well known for producing some of the best beer and wine in the world. "We were expected to keep a journal of each day and record what we learned by linking it to material in Chemistry and Biochemistry."

Cecilia returned home with great memories, new friendships and photographs to treasure. She reflected on the remarkable capabilities of chemistry "Fermentation is a complicated process it is really an art. People spend their entire lives trying to perfect the taste and appearance of wine and beer and it becomes for them an incredible passion."

Thank you Cecelia for sharing your study abroad adventure.

Congratulations to the Fall 2014 Dean's List

Applied Physics

Marcus Baumgartner
Jeremy Custer
Benjamin Kersker

General Biology

Violetta Bodycot
Randi Schroedel
Cecilia Hernandez
Charnice McDonald
Bethany Crace
Amanda Sanchez
Emily Sullivan
Aquila Farmer
Kristina Strozzi
Cody Ledford
Mitchell Strand
Jasmine Trejo
Casey McManus
Evan Ashe
Jazzlin Sharpe
Traci Bone
Luke Henke
Chloe Webb
Talia Mitchell
Gabriele Cavaliere
Katelyn Hart
Alejandro Herrera
Nishang Patel
Adam Raines
Jessica Lee
Samantha Luke
Hope Paris
Aliah Kei Manglona
Candace Poole
Jessye Kirkham
John Lamb
Jacque Lynn Camacho
Lourdes Sylla
Katherine Babineau
Laura D'Alessio
Erin West
Jennifer Gates
Patience Plair

General Biology

Benjamin Hortman
Matthew Datlow
Leah Lambert
Oneida Muniz
Lydia Peavy
Anna Tran
Kristopher Maedke
Tulsi Patel
Ariea Almassi
Samuel Coppola, IV
Jonathan Wood
Carter Luciani
Emily Mathis
Elizabeth Valdez
Jacquelyn Wigley
Fahad Altaf
Christopher Belflower
Philip Deery
David Dukes
Michael Hamilton
Rafael Oropesa
Brittany Elliott
Rebecca Jones
Esther Medrano
Molly Molyneaux
Edith Park
Melissa Powell
Sierra Rothbarth
Iva Scepanovic
Alyssa Wheeler
Jasmine Wright
Kathryn Greene
Candace Cosby
Madalynn Walker
Elizabeth Haggas
Samantha Gocke
Jacob Lee
Alexandria Ragsdale

Marine Biology

James Carl

Prepharmacy-chem

Katherine Brigman
Kayla Berns
Jenna Gulle
Thuy Nguyen
Sara Ludmer
Thao Vy Nguyen

Cell & Molecular

Shawna Defreitas
Shelby King
Sophia Castro
Danya Rodriguez
Maya Wallace
Brigette Hoang
Rebekah Robinson
Robyn May
Henry Tarwater
Apekchaya Pokharel

Chemistry

Abigail Sears
Oluwaseun Ogunmoyero
Andrea Dawson
Alexis Fields
Nick Brodak
Lance Craig
Tracy Soto
Constance Waller
Joshua Mullis
Wais Mojadedi
Chad Rodriguez
Matthew Trivitayakhun
Yousrah Elsirafy
Aaryn Rogers
Andrew Goetz
John McElwee
Berkley Griffin
Elizabeth Hadwin

Information Tech

Marsel Khamidullin
Joshua Barney
Chad Morgan
Brian DeMello
Michelle Lee
Kenneth Sheets, III
Jonathan Willingham
Romeo Peoples
Michael Ritchie-Smith
Hung Tran
Taylor Vanwinkle
Melisa Morris

Computer Science

Barbara Wakolbinger
Shyamkumar Sreekumar
Ernesto Estrada
Michael Underwood
Tiffany Tran
Cody Curnutte
John Tomberlin
Jonathan Moyett
Gregory Bain
Nathan Tech
Christian Allison
Bryan Waters
Chelsea Jordan
Abraham Ladha
Melinda Harn
Justin Anderson
Robert Gallant
Mark Badding
Frederick Malunes
Sebastian Sweeden
Michael Bernard
Benjamin Chopson
James Liljenquist
Clinton Kindle, Jr.

Biochemistry

Kimberly Mandigo
Blair Weaver
Thomas Allen

Math Sciences

Faith Newsome
John Wagner
Emily Kratovil
Jordan Rogers
Shavon Harris

Math Teacher Cert

Juan Rodriguez
Joanna Chung
Brittney Pegram
Shellie Ruff

Engineering Studies

Ayende Ibere
Sean McNeill
Bridget Cave
Norman Casteel
Joshua Wendell
Dylan Chatland
Matthew Park
Shawn Wilkes
Vuong Tran
Kirk Provine
Evan Jenkins
Charles Davis, Jr.
Aaron Hamlet
Joshua Owens
Nicholas Carrasco
Shane Ondriezek
Aseel Al Khafajy
Jeffrey King
Elizabeth Ball
Cory Redman
Daeun Park

Psychology

Hannah Towhey
Maggie Lambert
Daniel Murillo
Crystal Pittman
Aaron West
Katie Davis
Michael Brannen, Jr.
Kayla Kemp
Jennifer Zamjohn
Kara Hickey
Lindsey Bailey
Theresa Reilly
Rebecca Carter
Sarah DesLauriers
Elizabeth Sorrow
John Barr
Haley Ellis
Jade Smith
Ashley Anderson
Maggie Carson

Psychology—BS

Gabrielle Mudd
Christopher Merritt
Keimani Harvey
Alexia Charlot
Victoria Nease
Callie Woods
Monica Munden
Savannah Berkel
Clint Johnson
Jeremy Haynes
Jessica Ogle
Kaitlyn Patterson
Ashley Ehret
James Surette
Lauren Cobb
Susana Shiner
Amanda Vieitez
Kathleen McKenna
Deondra Curry
Chasity Palmer
Jessica Johnson

Pre-medicine

Leticia Nascimento
Shannon Norland

ARMSTRONG

D A T E S A N D D E A D L I N E S

March 3rd - Speaker on Vertical Farming—Armstrong Center Auditorium (5—6:30 PM)

March 3rd – Science on Tap—Dr. Susan Schneider “Science of Consequences” - 6 PM

March 4th – Midterm

March 4th – Dr. Susan Schneider “Science of Consequences” - Ogeechee Theatre—6 PM

March 13th – SRS Proposals Due (5 PM)

March 16-22nd - Spring Break

April 16-17th— Student Scholars Symposium

April 17th—TechFest

May 1st – Last day of class

May 4-8th—Final Exams

May 9th—Commencement

