Bob Jacobs and Kaeley Anderson ’09 publish in Cerebral Cortex

In writing her senior thesis, Kaeley Anderson (Neuroscience, ’09) worked in Professor Bob Jacobs’ Laboratory to synthesize several years of data. The end result was a publication in Cerebral Cortex, a respected neuroscience journal, entitled “The morphology of supra-granular pyramidal neurons in the human insular cortex: A quantitative Golgi study.”

Of her experience, Kaeley states “I invested a large part of myself into this project, much more than I anticipated I would when I agreed to help Dr. Jacobs. In the end, I came away with a deep respect for researchers who devote their lives to such an intense process. Dr. Jacobs and I had to learn how to work as a very cooperative, positive team, and we were quite successful.”

Jacobs notes, “This project epitomizes the importance of faculty-student collaborations. This is the only study of its kind, and could not have been completed without student involvement, particularly Kaeley’s tireless efforts to prepare the study for publication. She should be very, very proud as this is a significant accomplishment.”

New Technical Director: Mark Saviano

The Psychology Department is pleased and excited to welcome a new Technical/Statistical Director into its fold. Mark Saviano, Ph.D., has replaced Kevin Ford, who left the department after ten outstanding years of service. He is already at work mentoring students, coordinating rooms and equipment, and serving as an all-purpose resource for the faculty. Mark attended Worcester Polytechnic Institute for two years as a mathematics major before transferring and graduating with a BA in psychology from Merrimack College. He went on to earn his doctorate in Social/Developmental Psychology from Brandeis University in 2005. A lifelong resident of Massachusetts (Woburn, Waltham, Worcester), Mark is excited about the adventure of discovering a new part of the country together with his wife Masako. Mark has remarked how impressed he is with the inquisitiveness and outgoingness of the CC students as well as with the impressive balance of primary research and commitment to teaching that takes place in the department. In his spare time Mark enjoys a variety of hobbies and is a huge baseball fan.
Where are they now?

Robert Saul (Psychology, 1972) received his M.D. from the University of Colorado School of Medicine in 1976, and is now a clinical geneticist at Greenwood Genetics Center in Greenwood, SC. He is actively involved in the evaluation, counseling, and treatment of children and adults affected by genetic and related disease processes, such as neurofibromatosis, dysmorphology, fragile X syndrome.

Sharon Sann (Neuroscience, 2001) completed her Ph.D. in Neuroscience at UC San Diego in 2007. After teaching for two quarters as a UCSD Faculty Fellow, she is now a post-doc in Yishi Jin’s lab studying the role of membrane trafficking in synaptic development. This past July she married John Lin, a fellow neuroscientist.

Sarah Soule Kabat (Psychology, 1996) received a Masters of Science in Management from Regis University in 2006. She works for the University of Colorado Hospital, originally in the development area and now as an administrator overseeing various clinical programs and the move from the original campus to the new Fitzsimons Campus. She is married to Bruce Kabat, has 2 children, and is living in Denver.

Miako (Polson) Villanueva (Psychology, 1998) worked for four years at Colorado School for the Deaf and the Blind and received her AAS degree in American Sign Language (ASL) interpreting from Pikes Peak Community College. She subsequently received her PhD in Linguistics at Gallaudet University, the only university in the world focused on the education of deaf and hard of hearing students, and is now an Assistant Professor in Gallaudet’s Department of Linguistics.

Jesse Jacobs (Neuroscience, 2000) received his Ph.D. in Neuroscience at Oregon Health & Science University in 2006. He then moved to Burlington, VT, for a post-doctoral fellowship at the University of Vermont, where he has now been appointed Assistant Professor in the Department of Rehabilitation and Movement Science. He and his wife Amy West (2001) have two daughters.

We want to hear from you

Be featured in the next issue of our newsletter. We want to know how you are doing. Send us a one- or two-sentence description of “where you are now”; please include your full name and graduation year.

We are also seeking contributions to the “Alumni Voices” column. Send your submissions to psychology@coloradocollege.edu.

Student Research Focus:
Asperger’s syndrome and Theory of Mind

Mariah Golden ’09, working with Tricia Waters, is investigating whether there is a developmental relationship between children’s understanding of self-conscious emotions, such as pride, embarrassment, and guilt, and their theory of mind (ToM) ability, the ability to understand others’ beliefs, intentions, and desires; and whether this relationship differs between typically-developing children and children with Asperger’s Syndrome (AS).

Typically developing and AS children are asked to define basic emotion words (happy, sad) and self-conscious emotion words (pride, embarrassment, shame, and guilt) and are then asked to describe a time when they personally experienced each of the emotion words. Then, children read vignettes in which the story characters say phrases that they don’t literally mean (e.g. “Danny has a frog in his throat”). Children are asked to interpret the characters’ intentions in saying the ambiguous phrases.

Mariah hypothesizes that children of all ages with AS will have lower ToM ability and consequently a lessened ability to understand self-conscious emotions than typically developing children. Mariah is hoping to demonstrate the importance of ToM to developing both emotional and social competence.

2008 Psi Chi Induction

Back row, left to right: Emily Houston, Kelsey Patterson, Briana Cushing, Kelli Christensen, David Harvey, Jill Bennett.

Front row, left to right: Jessica Bolen, Jenny Mendoza, Christy Sweaney, Joshua Kraut.

Not pictured: Eleni Bucuvalas, Mariah Golden
Alumni Voices: Frank Balensiefer ’50

When I left dear ol’ CC
I left with mixed emotion
I loved the school, and as a rule
Gave each class my devotion.
At Dr. Blakely’s urging I chose
The field of Personnel.
The training in Psychology
Served me very well.
Now I’m retired and writing works
That some call “doggerel” -
Oh well - what the --- heck.

Frank Balensiefer has incorporated facets of his Psychology education in all three of his published books. The most recent of which, a memoir entitled “Winds and Strings and Silver Wings - Frank’s Sonata”, describes his experience from a small farm to a large firm - and back again - in three parts, “When You and I Were Young,” “The Winds of War” and “The Good Life.” His book can be found online and in Tutt Library.

CONGRATS TO OUR 2008 GRADUATES

Psychology 2008 Graduates
Lynda Grace Aguado
Commerce City, CO
Kierin Joy Amundson
Rochester, MN
Lisa Balsama
Pleasanton, CA
Vanessa Marie Baltazar
Wiggins, CO
Jill Elena Bennett
Columbus, OH
Distinction in Psychology
Jessica Erin Bolen
Littleton, CO
Distinction in Psychology, summa cum laude
Lee Beatty Eakin
Nashville, TN
Brian L. Bones
Medford, OR
Distinction in Neuroscience, cum laude
Chloe Amelia Hughes
Albuquerque, NM
Distinction in Neuroscience, cum laude
Joshua S. Kaplan
Deerfield, IL
Jacob Lowell Whitten
Monument, CO
Steven Wayne Nakano
Grand Junction, CO
Graham Patton
Ann Arbor, MI
Brooks Gregory Robinson
Santa Fe, NM
Distinction in Neuroscience, cum laude
Alexander Mark Sable-Smith
Columbia, MO
Laura Aina Svibergson Seewald
Denver, CO

Carli Ilima Smythe
Bend, OR
Distinction in Psychology, cum laude
San K. Tung
Colorado Springs, CO
-distinction in neuroscience
Elizabeth Jill Weiss
Highland Park, IL
Amara Louise Wilson
San Jose, Costa Rica

Neuroscience 2008 Graduates
Courtney Nicole Blake
Walnut, IA
Distinction in Neuroscience, cum laude
Emma Dorothy Bonomo Mueller
St. Louis Park, MN
Distinction in Neuroscience, cum laude
Nolan Scott Reyher
Buena Vista, CO
Matthew Talbot
Mancos, CO
Alex Keiser Fitzpatrick
Corvallis, OR
Distinction in Neuroscience, summa cum laude
Chloe Amelia Hughes
Albuquerque, NM
Distinction in Neuroscience, cum laude
Joshua S. Kaplan
Deerfield, IL
Jacob Lowell Whitten
Monument, CO
Graham Patton
Ann Arbor, MI
Brooks Gregory Robinson
Santa Fe, NM
Distinction in Neuroscience, cum laude
Alexander Mark Sable-Smith
Columbia, MO
Laura Aina Svibergson Seewald
Denver, CO
Most Humorous Answer goes to:
Bruce Neumann’ 72
“She is herding turtles while getting a perm.”

Do you know what is going on in this photo? What is the young experimental participant hooked up to?
Email us at psychology@coloradocollege.edu with your answers. Humorous guesses are also welcome!