FSHN Alumna Provides Scientific Leadership to Metabolon

Dr. Tracy (Brockman) Shafizadeh (BS, 1999; MS, 2002) is the Associate Director of Lipidomics at Metabolon, Inc. After receiving her BS and MS in FSHN, Dr. Shafizadeh went on to earn a PhD in Nutritional Biology from the University of California, Davis.

During her time at UC Davis, Dr. Shafizadeh knew she wasn’t necessarily interested in a career in academia, but wasn’t sure how to find her niche in the private sector. So she was happy to be selected to participate in a business development program designed to train young scientists to enter the world of commercial research, and even launch their own companies. Dr. Shafizadeh discovered Metabolon through the network of scientists and entrepreneurs she acquired as a part of that program.

Metabolon offers metabolomic research services to both academia and industry. Dr. Shafizadeh spearheads research focused on lipid metabolism and is based at their West Sacramento, CA location. She told us, “I love the diverse research areas in which our clients are working, and that I get to learn something new about metabolism with each study we conduct. I also love the fact that I have an external role at my company, so I interact with very interesting people conducting exciting life science research.” But she also noted that her job is not without challenges. Since the research service business is dependent upon a client’s budget, the availability of research funds can really affect their business.

Dr. Shafizadeh shared a bit about her day to day experiences with Metabolon: “Many of the studies we conduct for clients are designed to confirm a proposed mechanism of action or response to therapy. However, every once in a while the data we generate take a client in a totally different direction, showing that a completely separate metabolic event is driving the results they are observing.”

We also asked Dr. Shafizadeh about her professional philosophy. She said that it’s important to be clear and honest if you don’t immediately know the answer to a question, because that is how one builds trust with clients.

Dr. Shafizadeh originally planned a career in medicine, but once she discovered research she was motivated to pursue a PhD instead. She noted that she was inspired by FSHN’s nutrition faculty in general, but that her main role models were the female leaders in their field like Dr. Lynn Bailey (Professor Emeritus), Dr. Elaine Turner (Dean & Professor), and Dr. Gail Kauwell (Professor).

We asked Dr. Shafizadeh how FSHN prepared her professionally, and she told us: “I received a very strong foundation in nutritional science as an undergrad and learned how to conduct independent research as a masters student at UF FSHN. However, what I really appreciate looking back was the opportunity to practice technical writing, public speaking, and presentation of research to a diverse audience. Research can only make an impact if it’s communicated well. I rely on strong speaking and writing skills daily in my job, over and above my technical expertise in biochemistry. Also, my mentor at UF, Dr. Jess Gregory (Professor), did a great job providing just the right amount of ‘hands-off’ guidance during my masters program, while always being available and supportive when I did need extra help. I left UF capable and confident to pursue my doctorate in nutrition.”

Dr. Shafizadeh has wonderful memories of UF and Gainesville, including singing in a Brazilian samba band, teaching at the English Language Institute, and having the opportunity to travel through Europe with the University Choir. She said she even misses Florida thunderstorms and humidity!
Alumni Updates

Dr. Cheryl Rock (PhD, 2012) is now an Assistant Professor of Food Science and Nutrition at the Univ. of California, Long Beach.


Dr. Laura Strawn (MS, 2009) is an Assistant Professor at Virginia Tech’s Eastern Shore Agriculture Research and Extension Center. Her research focuses on food safety for fresh produce.

Christopher Hanna (BS, 2009; MS, 2012) is a Microbiological Technical Application Specialist at WTI, Inc.

Dr. Holly Petty (BS, 2002; PhD, 2007) is Director of Technical Services and Innovation for Mariani Packing Co, Inc. in California.

Jaclyn Kalva (BS, 2007; MS, 2009) is now a Senior Technologist with Pepperidge Farms in Westport, CT.

Sonal Singh (BS, 2006) is now Quality Compliance Coordinator at Snyder’s-Lance, Inc. in Columbus, GA.

Congratulations!

Adee (Rasabi) Knapp (BS, 2004) married Alex Knapp on September 6. Adee is a Registered Dietitian in New York City.

Dr. Paul Sarnoski (Assistant Professor) married Ana Barrenechea (Director of Building Alliances, UF Foundation) this summer.

Also married this summer, L-R: Dr. Bob Bates (Professor Emeritus) to Dr. Carolyn Fouts. The newlyweds honeymooned at the Institute of Food Technologists meeting in New Orleans.

Thanh Pham (BS, 2002) became the proud father of twin boys (L-R) Tyson Ezra and Dax Robert on June 23rd, which is the day before Thanh’s birthday!
FSHN Alumnus Helps Bring New Craft Beers to Gainesville

Eric Dreyer (BS, 2008; MS, 2010) has always loved the art and science of brewing. Over the years he created some outstanding beers of his own, winning dozens of competition medals and wowing his friends and family. So when the opportunity arose to get in on the ground floor of a new Gainesville craft brewery, First Magnitude Brewing Co., he didn’t waste any time.

Prior to joining First Magnitude, Eric managed the FSHN Taste Panel for nearly three years. Although he enjoyed the work, his long-term career goals were always centered around brewing. He met Dr. John Denny, one of the founders of (and Head Brewer for) First Magnitude, through the Gainesville-based Hogtown Brewers. Dr. Denny knew Eric had a strong technical and scientific foundation and a knack for brewing. So he asked Eric to join the company earlier this year.

Dr. Denny noted that the UF Food Science program is a great match for anyone interested in the brewing industry. For example, Eric first learned about the thermocouples used on the First Magnitude tanks in a FSHN class! When combined with his talent for creating delicious beer recipes, Eric’s training in FSHN made him a fantastic addition to First Magnitude.

First Magnitude was founded by two local couples: Dr. John Denny and Christine Denny (Outreach and Communications), and Meg The Losen (President) and Wells The Losen (Distribution and Finances). Prior to pursuing his own dream of opening a brewery, Dr. Denny served as Associate Director of the UF Honors Program. Just like Eric, Dr. Denny is an award-winning brewer. Additionally, he is a certified beer judge as well as the co-producer and host of a local Internet radio show called Homebrew Talk (www.growradio.org).

The company’s name is a reference to not only the brightest stars in the sky, but also to the many high-volume natural springs near the Gainesville area. First Magnitude is actually the second production brewery in town, and its team has nothing but respect and admiration for the first: Swamp Head Brewery.

Eric is very passionate about what he does, and he’s excited that First Magnitude beer is now featured at several local establishments including The Top and Satchel’s restaurants. But it’s the tap room at their main facility off Main Street that really draws a crowd. The tap room features television sets, various games, and of course their featured beers (some offered year-round and some seasonal). They also offer guest beers from other Florida breweries and local food trucks are usually parked outside. The team is planning to eventually create an outdoor beer garden that can host live music.

Although his job requires very long days and can be genuinely exhausting, Eric loves every part of it. And he knows how lucky he is to have a wife like Emma, who fully supported his decision to leave a state-funded position and venture into the unknown with a startup brewery. Now, with steady lines outside the taproom and a growing distribution list, it’s clear that both Eric and First Magnitude have achieved real success!
Laura (Jensen) Acosta (BS, 2005; MS-DI, 2007) joined FSHN this summer as a Lecturer in Dietetics. In addition to being a Registered Dietitian Nutritionist, Certified Specialist in Sports Dietetics (CSSD), and a Licensed Dietitian/Nutritionist, Ms. Acosta is also an Adjunct Professor of Nutrition at Santa Fe College where she teaches HUN1201 Human Nutrition. Currently, she is also a Course Author and Presenter for dietitiancentral.com, a Presenter and Certification Specialist for the Aerobics and Fitness Association of America, and the Education Director for an online fitness resource: professionalsinfitness.com.

Previously, Ms. Acosta owned her own wellness center that provided nutrition counseling, medical nutrition therapy, fitness training, and more. She also served as a Preceptor for both UF's and the University of North Florida’s dietetic internship programs, providing a rotation in wellness nutrition, and worked as a Clinical Dietitian for Shands at UF and Dynamic Health Centers. Ms. Acosta has authored two books, one peer-reviewed journal article, and a variety of online articles and tutorials about wellness and fitness.

This fall, Ms. Acosta is teaching sections of HUN4445 Nutrition and Disease I and DIE4245 Medical Nutritional Therapy Applications I. In the spring, she will teach DIE4436 Nutrition Counseling and Communication. Ms. Acosta is also serving as a faculty advisor for undergraduate Dietetics majors.

Sara Marshall (BS, 2011; MS, 2013; Biological Scientist) is now managing the FSHN Taste Panel facility. Before being hired as Eric Dreyer’s (BS, 2008; MS, 2010; see page 3) successor, Sara worked as a Chemistry Analyst for ABC Research Laboratories. Prior to that, she was a Food Science Intern at Matis Ltd., a food and biotechnology research and development company in Reykjavik, Iceland. As an intern, she was based in the Biotechnology and Biomolecules Division where she explored the effects of seaweed extracts on the prevention of oxidation in meat systems. Sara also conceived and implemented a storage study, examining lipid oxidation products using both established and innovative methods, including sensory analysis.

Sara’s graduate thesis focused on food chemistry and bioactive compounds; more specifically, she explored the potential antibacterial and other health-promoting capabilities of Florida honeys, identifying and quantifying phenolic and carbonyl compounds.

As a UF student, Sara was very active in her sorority, Alpha Omicron Pi, serving as Vice President for Education, Assistant Recruitment Chair, and Philanthropy Chair. She was also a member of the Institute of Food Technologists and received several scholarships and awards including the CALS Dean’s Graduate Assistantship, the Eugene Terzenbach Scholarship, and the William and Agnes Brown Scholarship.

Dr. Beth Gankofskie (Lecturer in Dietetics) joined FSHN in August as the new Didactic Program in Dietetics (DPD) Director. She received her BS in Dietetics and Food Systems Management from California State University Long Beach in 1981, her MS in Nutrition Education and Counseling from the University of St. Joseph in 1991, and her PhD in Hospitality Management from Iowa State University in 2011.

Dr. Gankofskie comes to us most recently from Meredith College in Raleigh, NC, where as an Assistant Professor she taught and advised undergraduate and graduate students, served as Lab Coordinator, and donated her time to several college-wide committees. From 1987 to 2011, Dr. Gankofskie was Director of Food and Nutrition for Food Service and Child Nutrition Management in Storrs, CT, overseeing an annual budget of $3.5 million and supervising a staff of 50. She also has experience as an instructor for the University of Connecticut, Eastern Connecticut State University, and Manchester Community College, and served as a Preceptor in food service management for the University of Connecticut’s dietetic internship program. She is a member of the Academy of Nutrition and Dietetics and the School Nutrition Association.

Dr. Gankofskie is currently teaching DIE4125 Food Systems Management, DIE4125L, Food Systems Management Lab, and DIE4505 Dietetics Seminar. In the spring, she will teach DIE3310 Community Nutrition. Dr. Gankofskie will also oversee advising for Dietetics majors, including final approval for major changes as well as internship preparation and overall professional development.

Dr. Kristina von Castel-Roberts (PhD, 2006; Assistant Scientist) is FSHN’s new Undergraduate Coordinator. Dr. von Castel-Roberts received her BS in Animal Sciences and her PhD in Nutritional Sciences at the University of Florida. She is also a Registered Dietitian Nutritionist (RDN) and a Licensed Dietitian/Nutritionist (LDN), having completed her dietetic internship at Iowa State University.

Prior to joining FSHN, Dr. von Castel-Roberts was an Assistant Research Scientist with the Department of Clinical and Health Psychology at UF. She coordinated a five-year, multi-site intervention for overweight adults living in rural communities, and also led the research team for the “Rural Lifestyle Eating and Activity Program.” She has authored many professional publications and presentations, and even a book chapter.

Dr. von Castel-Roberts’ teaching experience is extensive. She developed and taught online public health nutrition courses for the UF Master of Public Health Program and taught various nutrition topics to students in the UF College of Dentistry. She also converted Fundamentals of Human Nutrition (HUN2201) into the Massive Open Online Course that has 45,000 enrolled students, and for many years taught HUN2201 via UF’s distance education program. She also has experience with several extension programs focusing on health and nutrition.

This fall, Dr. von Castel-Roberts is teaching HUN2201 Fundamentals of Human Nutrition. She will also coordinate FSHN’s undergraduate programs, including meeting with prospective students and overseeing all academic paperwork, records, and reports.
Caught in the Act

Send us your photos of FSHN alumni and friends at work or at play! Contact information is located on page 2.

L-R: Taylor Dole (BS, 2013; MS Student) and Kelly Brown (BS, 2012; MS Student) posing as Secret Beignet Agents at Café du Monde in New Orleans this summer

L-R: Jennifer Loso (Senior) stands in a gorgeous field of sunflowers in Tuscany; Jennifer participated in this year’s “UF in Italy” study abroad experience (also, see page 8)

We’re getting vertigo just thinking about David Mantilla (BS, 2002; MS, 2005) standing right at the edge of the Grand Canyon this summer!

L-R: Ivy Cho (BS, 2010) and Jessica Oller (BS, 2010) celebrated Jessica’s marriage to Derek Alfonso on September 6 on Anna Maria Island

L-R: Bridget Besoner (Post-bac Student), Kaitlyn Helfrich (Senior), and Lehana Rodriguez (Senior) volunteered their time to the 2014 FSHN alumni tailgate

L-R: Neha Lokhande and her husband Dr. Bhaskar Janve (PhD, 2014), experiencing beautiful mountains and extremely high altitudes in the Indian Himalayas

L-R: Tim Weathers (BS, 2006) and Lyndsey (Wells) Weathers (BS, 2005; MS, 2007) took some time to enjoy the views in North Carolina this summer

L-R: Carly Young (BS 2014; MS/DI Student), Jade Parry (BS, 2014), and Chedrin Yeager (BS, 2014) remind us that true Gators eat their vegetables

L-R: Dr. Jess Gregory (Professor) and Dr. Ron Schmidt (Professor Emeritus) were spotted loitering out behind the FSHN BBQ grill - waiting for a free burger?

L-R: MarJanie Kinney (Senior) and Dan Clark (Senior) serving Vine & Cheese Chips (a national IFT competition finalist!) to Dr. Sue Percival (Chair & Professor)

L-R: Sharen Jean-Baptiste (Junior) and Mailys Fredericq (MS Student) enjoyed a free meal at the fall 2014 Welcome Back Student Pizza Party

L-R: Lu Zhao (PhD Candidate) shows off his winning door prize to Ning Gao (MS Student) at the 2014 Florida Party at IFT (see additional party photos, page 7)

L-R: Carly Young (BS 2014; MS/DI Student), Jade Parry (BS, 2014), and Chedrin Yeager (BS, 2014) remind us that true Gators eat their vegetables

L-R: Dr. Jess Gregory (Professor) and Dr. Ron Schmidt (Professor Emeritus) were spotted loitering out behind the FSHN BBQ grill - waiting for a free burger?
FSHN Bids Fond Farewell to Two Retiring Faculty Members

Dr. Pam McMahon, Senior Lecturer and Director of the UF Didactic Program in Dietetics (DPD), retired this summer after sixteen years with FSHN. Dr. McMahon received her BS in Foods and Nutrition from Rutgers University in 1970, her MS in Foods and Nutrition from Framingham State College in 1975, and her PhD in Food Systems Administration from the University of Maryland in 1992. Before coming to UF, she was the Coordinated Program Director as well as an Associate Professor at the University of Kentucky. Dr. McMahon also had experience as a clinical dietitian and as a product developer for a large food company.

Dr. McMahon is the author of many presentations and publications, and she has been a member of several professional societies including the Academy of Nutrition and Dietetics (AND; formerly the American Dietetic Association), the Florida Academy of Nutrition and Dietetics (FAND), and the Gainesville Academy of Nutrition and Dietetics (GAND). She also held leadership positions in each of them. Dr. McMahon has also been very active in the Gainesville community, donating her time to the Alachua County Healthy Community Initiative, the Alachua County Hunger Abatement Task Force Committee on School and Summer Feeding Programs, the Alachua County Team for Healthy Kids (which she founded), and the Alachua County School Board Wellness Committee.

Most UF Dietetics students, however, know Dr. McMahon as the instructor for DIE4125 Food Systems Management, DIE4125L Food Systems Management Lab, and DIE3310 Community Nutrition. She pushed Dietetics undergraduates to build a portfolio of knowledge and skills so that they would be successful in finding internships and passing their registration exams. In recognition of her outstanding contributions as an educator, she was named 2008-2009 College of Agricultural and Life Sciences Teacher of the Year. Also during her time at UF, Dr. McMahon served as co-advisor for the FSHN Club, helping students develop leadership skills and encouraging them to always give back to their communities.

Although we will miss her greatly, we wish Dr. McMahon and her husband Marty McMahon (James J. Freeland Eminent Scholar at the UF Levin College of Law) all the best as they look forward to new adventures.

Dr. Anne Kendall Casella, Senior Lecturer and Undergraduate Coordinator, also retired this summer. Dr. Kendall joined FSHN in 2000 after serving as the DPD and Dietetic Internship (DI) Program Director for Cornell University. Upon her retirement, she was granted Senior Lecturer Emeritus status.

Dr. Kendall received her BS in Nutrition from Simmons College in 1981 and her PhD in Human Nutrition from Cornell University in 1989. At UF, she taught DIE4436 Nutrition Counseling and Communication, HUN4445 Nutrition and Disease I, DIE4245 Medical Nutrition Therapy I, DIE4505 Dietetics Seminar, and DIE6241 Advanced Medical Nutrition Therapy.

In addition to being very involved with AND, FAND, and GAND, Dr. Kendall served as a Program Reviewer and Site Visitor for the Accreditation Council for Education in Nutrition and Dietetics (ACEND) from 2000 to 2014, and as Vice Chair, Chair, and Past Chair of ACEND from 2012 to present. She also received numerous awards throughout her career, including the GAND Distinguished Dietitian award for 2011, the Dietetic Educators of Practitioners Recognition of Service Award in 2008, and the Commission on Accreditation for Dietetics Education Recognition of Service Award in 2006.

Dr. Kendall is the author of a large number of publications, and has presented to an amazingly diverse list of audiences including the USDA, the Federation of American Societies of Experimental Biology, UF’s Cooperative Extension Service, the UF Physician Assistant program, and the UF Minority Association of Pre-health Students.

While at UF, Dr. Kendall served on many committees, providing her expert opinion on academic assessment, curricula updates, faculty development, commencement, scholarships and awards, the CALS Upper Division Honors Program, and more. She was also extremely active in the local community. She was a science fair judge for three local middle schools from 2006 to 2014 and served as Secretary for the Alachua County Team for Healthy Kids in 2008. Additionally, Dr. Kendall has volunteered for the United Church of Gainesville in various capacities, administrative and educational, since 2001.

FSHN is lucky to have had a teacher and administrator as gifted as Dr. Kendall, and we hope she thoroughly enjoys the free time retirement brings!

Give a gift to the Department of Food Science and Human Nutrition!

Your donation to FSHN can be used to support student travel to conferences, scholarships, and assistantships; to support the purchase of new equipment to keep us up-to-date; and to provide important resources to support other facilities within the FSHN building, including our Pilot Plant and clinical nutrition facilities.

You can give online at: www.uff.ufl.edu/appeals/FSHNAlumni.

Or if you prefer, you can send a check (made out to “U of FL-SHARE”) to: Attn: Dr. Sue Percival, Chair, Food Science and Human Nutrition, PO Box 110370, Gainesville, FL 32611-0370.
The FSHN Department organized the 10th “Florida Party” in conjunction with the Institute of Food Technologists (IFT) Annual Meeting this June in New Orleans. The party was held at Bourbon Heat, and brought together faculty, students, alumni, industry professionals, and friends to enjoy free food, drinks, Gator goodies, and networking. A very special thank you to our generous sponsors: The Winniczuk Family, ABC Research, Checkers, the Burdock Group, FL Section IFT, the FSHN Department Taste Panel, DSM, Northwestern Extract Co., Darifair, Bell Flavors, Treatt USA, ProSense, and Virginia Dare. Please enjoy these photos taken at the Florida Party, on the Expo floor, and out and about in NOLA, and we’ll see you next year in Chicago!
FSHN Achievements

**Dr. Ron Schmidt** (Professor Emeritus) received an International Association for Food Protection (IAFP) Fellow Award at the Opening Session of the 2014 IAFP meeting, held in Indianapolis, IN in August. The Fellow Award recognizes long term contributions to food safety and to IAFP. **Dr. Frank Busta** (former chair of the UF FSHN Department; now with the University of Minnesota) was also recognized with a Fellow Award.

**Dr. Amandeep Sandhu** (PhD, 2013) received 2nd place in the Institute of Food Technologists (IFT) Marketing & Management Division Graduate Research Poster Competition at the IFT annual meeting in New Orleans this summer. Her research was entitled: **Modeling of the Anthocyanins Adsorption From Southern High Bush Blueberries on Amberlite FPX-66 Resin in a Fixed Bed Column System.**

**Kaley Mialki** (BS, 2014; MS-DI Student) was one of only three Dietetics students in the entire state of Florida to receive a 2014 stipend award from the Florida Academy of Nutrition and Dietetics (FAND).

The following graduate students received CALS scholarships and awards this fall: **Jinhee Kim** (PhD Student): $5000 George K. and Ruthana Davis Scholarship; **Amanda Ford** (BS, 2010; PhD Student): $2000 William C. and Bertha M. Cornett Fellowship; **Lu Zhao** (PhD Candidate): $2000 William C. and Bertha M. Cornett Fellowship; **Jurate Lukosaityte** (BS, 2013; PhD Student): $1000 Vermelle “Vam” C. York Agricultural Scholarship.

**June Sims** and **Dr. Charlie Sims** (Professor), both in the front row below, once again led students overseas to learn about food and culture in Italy. This past summer, they apparently also went into the sea…. the Mediterranean Sea!

An Open House was held on September 12, 2014 for Florida food industries to visit and tour the Food Science and Human Nutrition facilities; the first of what will be an annual event.

Members of the External Advisory Council were present and enjoyed a brief update, and food industry representatives came from as far away as Fort Lauderdale. The group had lunch with the FSHN faculty and then toured the facilities, including visits to individual labs, where they learned about some of FSHN’s current research programs.

At the 2014 Qingdao International Blueberry Festival & China International Blueberry Congress, **Dr. Liwei Gu** represented academia in the US for the second year in a row. Dr. Gu also presented updates on his International Science & Education grant (he and **Dr. Wendy Dahl** are co-Principal Investigators), to the USDA in Washington DC in June.

Senior undergraduates **Samantha Amos** and **Elizabeth Wang** each received a $2500 Brown International Corporation – Juice Products Association Scholarship. Also, freshman **Jessica Li** received a $2500 CALS Scholarship. Fifty-five other FSHN undergraduates received CALS scholarships totaling more than fifty thousand dollars!