Dear integrative neuroscience (formerly psychobiology) alumni,

Welcome to the winter that seemingly has no end. For nearly the entire country, this winter has been beyond frigid. But, here in Binghamton, the Integrative Neuroscience major has been heating up!

For example, we have nearly doubled the number of our majors just recently. For many years, we were averaging around 225 majors with about 60-70 students graduating each year. Now, we are topping 500 majors and are on target to graduate over a hundred majors in May. That kind of growth is a reflection of a few factors, including changes to the MCATS to include more neuroscience as well as the recognition that Integrative Neuroscience is a fascinating topic to study. To top it off, our talented faculty provide unique experiences for our majors both in the classroom and in their state-of-the-art laboratories – this is an almost irresistible perk for students wishing to make the most of their college education.

Also, we have recently welcomed four faculty with interests in Integrative Neuroscience to our ranks. The first is Dr. Gregory Strauss, who came to us from the University of Maryland. He is a clinical psychologist who studies emotions and cognition in schizophrenia using techniques that measure brain activity as well as other physiological and psychological measures. He just arrived last fall and has already established an active lab. Check it out: http://bingweb.binghamton.edu/~gstrauss/.

Our second new faculty member is Dr. Vladimir Miscovic, most recently from the University of Florida. His research involves the study of vision and emotion, especially fear and anxiety. His technical approaches are very much rooted in neuroscience. He not only uses electrophysiological tools but applies complex computational methods to unravel the brain circuits that underlie the connections between our sensory and emotional worlds. The third is Dr. Sarah Laszlo who studies what goes on, and what can go wrong, when a person is reading. She records EEG signals from the brain. Finally, Dr. Cyma Van Petten, a cognitive neuroscientist who studies language and memory has joined Integrative Neuroscience as one of our faculty advisors.

So, with growth, comes some growing pains. Our classes are more crowded and our lab courses always have a waiting list. However, on the bright side, we have added a laboratory course that is targeted at Integrative Neuroscience majors, taught by Dr. Nicole Cameron. As word spreads about how students in the class are benefiting from learning about all the latest technological advances in the field and actually getting some hands-on experiences in using some of them, it is becoming more and more popular. We are slowly adding equipment to make this possible.

Well, that’s all for now. From frozen Binghamton (with a hot Integrative Neuroscience Program!) we will say, “so long,” for now. As always, send us your news about job changes/promotions, marriages, kids, etc. and if you would like to come for a visit, please let us know. We’d love to see you and have you meet some of our outstanding Integrative Neuroscience majors. And BTW, if you are coming into town for Homecoming Weekend, let us know. If we get enough folks in town, we’ll sponsor a get-together for everyone and really shake the rafters! Meantime, be well and keep in touch!
Dr. Sarah Laszlo is the Director of the Brain and Machine Laboratory. After completing her Ph.D. in human electrophysiology at the University of Illinois, Urbana-Champaign, she was a Ruth L. Kirschstein Postdoctoral Fellow at Carnegie Mellon University, where she focused on computational psychology. She joined the Cognitive area of the Psychology department in the fall of 2011, and more recently joined the faculty of the Integrative Neuroscience program in the spring of 2013. Currently, Dr. Laszlo’s research is aimed at developing a neural and computational understanding of reading skill as it is developed, used, and eventually declines across the lifespan. This pursuit entails interaction between her computational work, which includes development of algorithms to make artificial neural networks more “brain-like” in their function, and her electrophysiological work, which involves quantifying the physiological profiles of reading ability in individuals across their lifespan. One long-term goal of the research is to create science-based instructional methods to help children with learning disabilities—especially dyslexia— in the classroom. Due to the related nature of her work she was asked to join the Integrative Neuroscience program in the spring of 2013. We are thrilled to add her to our excellent interdisciplinary faculty!

Dr. Vladimir Miskovic joined the psychology department in January of 2014. He earned his Ph.D. from McMaster University and arrived to Binghamton from a postdoctoral fellowship at the University of Florida’s Center for the Study of Emotion and Attention. Dr. Miskovic’s research is interdisciplinary with connections to the clinical, cognitive, and behavioral neuroscience areas of the psychology department. His research has two central aims: (i) to understand the typical function and development of brain systems that mediate core aspects of emotional processing and reactivity and (ii) to apply the basic knowledge obtained from studies of healthy populations to better characterize the dysfunction of neuroaffective processes underlying risk for fear and anxiety disorders. His research attempts to extend and translate what we know about the psychobiological roots of motivation and emotion from non-human animal research to human experimentation. Methodologically, his work utilizes dense-array cortical electrophysiology as a way of indexing regional fluctuations in population-level activity and patterns of cross-regional neuronal interactions (i.e., functional connectivity). We are honored to invite him to join the Integrative Neuroscience faculty.
Jacqueline Minichiello  Class of 2007 | Registered Dietician

What are you doing? That is, are you in school? At a job? What is your current position?

Currently I am working as a registered dietitian (RD) in Boston, MA. As part of my position I provide outpatient nutrition counseling at a community health center. I work mainly with patients who have diabetes or are at risk for diabetes, those who want to lose weight and patients with high cholesterol. However, I work with both adult and pediatric patients with various medical conditions. I also work for the Women, Infants, Children (WIC) Program that is part of the health center. In that role I provide nutrition counseling and information to pregnant and postpartum women and to their children from 0-5 years old.

Why did you decide to pursue your current career or field of study?

Funny enough it was one of my classes during my senior year that helped me decide on a career in nutrition. The topic I chose for my senior seminar class dealt with how exercise affects memory. I also heard a lot of other presentations on nutrition, the environment and epigenetics. Together, it all made me think about how our environment influences our health. I wanted to work in a field where I could help prevent chronic disease. I feel that nutrition and healthy eating patterns are a crucial component to this. So graduation I decided to pursue a master’s degree in nutrition to work on this.

How did majoring in psychobiology/integrative neuroscience help you in your career or field of study?

Being a psychobiology major provided the strong science background that I needed for my master’s degree and career. Also, my senior seminar class helped guide me into picking my future career.

What courses and/or experiences that you had at Binghamton do you feel were most useful or influential to you?

Being a teaching assistant was a valuable experience that led me to discover that I have an interest in teaching and explaining information to others.

What courses and/or experiences that you had at Binghamton would you recommend for students going into your career or field of study?

All the core science classes are needed to become an RD. I would also recommend working in a lab, which was something I did not do. This is not needed to be an RD, but would have been useful for my master’s degree.

Were there any psychobiology/integrative neuroscience faculty members who nurtured or influenced you in a positive way?

Dr. Carol Miles and Dr. Linda Spear were both influential in my studies.

Any advice for current majors?

From the beginning, try and spend some time thinking about what you want to do. Use college as a time to get your toes wet and experiment with those possibilities.

Anything else you’d like us to know (e.g., professional or scholarly recognition you’ve achieved, marriage, children, etc.)?

I have a food blog that I am excited about, www.recipehuntress.com. While I haven’t posted recently because I was busy with my new job, I hope to resume shortly.

“I WANTED TO WORK IN A FIELD WHERE I COULD HELP PREVENT CHRONIC DISEASE”
Emily Zanat  Class of 2011 | MPH, CHES Research Project Coordinator

What are you doing? That is, are you in school? At a job? What is your current position?

I graduated from Emory University’s Rollins School of Public Health with my Master of Public Health in May 2013. I am currently working at Emory as a Research Project Coordinator on a study examining public housing relocations in Atlanta and their impact on former residents’ health.

Why did you decide to pursue your current career or field of study?

I decided to pursue my current career in public health after exploring various careers in the health field. I have always had an interest in biology, psychology, and health, but was unsure how to develop this interest into a career. However, during my junior year of college I discovered the little-known field of public health; I found public health to be the perfect avenue to achieve my goal of helping others while expanding my knowledge of improving health.

How did majoring in psychobiology/integrative neuroscience help you in your career or field of study?

Majoring in psychobiology/integrative neuroscience provided me with the skills to understand the body, how individuals think, and how the two are intertwined. My hard science biology skills help me understand health conditions and how to accurately relay the proper methods for prevention of these conditions to the public. My psychology skills allowed me to understand individuals’ motivation, which is a key aspect of health education and prevention of disease. Looking back, I could not have picked a more suitable undergraduate major.

What courses and/or experiences that you had at Binghamton do you feel were most useful or influential to you?

All of the courses I completed at Binghamton were extremely useful to my time in graduate school and my current career. My Contemporary Health Issues class, taught by Heidi Thirer, stands out the most. Heidi and her class exposed me to my love of improving the health of others and the less-known careers available doing so.

What courses and/or experiences that you had at Binghamton would you recommend for students going into your career or field of study?

Real-life experience, such as internships, externships, or research assistantships, were most helpful when applying to graduate school and jobs during school. Employers like to hire individuals with experience and college offers the perfect opportunity to garner this experience. Although knowledge from classes is certainly key to future success, a well-rounded and experienced individual is coveted by both schools and employers, as this demonstrates an ability to thrive in the real-world.

Were there any psychobiology/integrative neuroscience faculty members who nurtured or influenced you in a positive way?

Binghamton is an exceptional university, in that all of my professors were extremely intelligent and helpful. Dr. Richard Pastore, who has since retired, was a member of the Psychology faculty who acted as a mentor and allowed me to be his undergraduate research assistant during my junior year of college. This was my first exposure to the research field.

Any advice for current majors?

Pursue real-life experience through research and internships. This experience allows you to hone in on what you would like to do after your time at Binghamton, as well as makes you a more marketable candidate to graduate schools and employers.

Anything else you’d like us to know (e.g., professional or scholarly recognition you’ve achieved, marriage, children, etc.)?

As of April 2013, I am certified by the National Commission for Health Education Credentialing as a health education specialist.
CLASS OF 1992

Camille A. Clare MD, MPH attended medical school at Albert Einstein College of Medicine, and completed residency in obstetrics and gynecology at the State University of New York at Buffalo. In 2011, she completed a Masters of Public Health program at New York Medical College in Health Policy and Management. She is currently in practice as a board certified obstetrician and gynecologist, and an attending physician at Metropolitan Hospital in New York City. Camille also trains medical students and obgyn residents from the New York Medical College obstetrics and gynecology residency program. Additionally, she is an Assistant Professor at New York Medical College in the Department of Obstetrics and Gynecology. Her research interests include postpartum depression, chronic vulvar pain disorders, patient safety, and adolescent gynecology.

CLASS OF 1994

Ana Y. Estevez pursued her PhD in Physiology at Wayne State University in Detroit Michigan where she studied the role of phospholipases in stroke and cerebral edema under the mentorship of Dr. John W. Phillis. Thereafter, Ana worked as a post-doctoral fellow and then a Research Associate Professor in the Anesthesiology Research Division of Vanderbilt University Medical Center in Nashville TN. She is currently an Associate Professor of Biology and Psychology at St. Lawrence University, a small liberal arts college in northern NY.

CLASS OF 1995

Claire Schimke earned an MD degree and currently works as a family physician.

CLASS OF 1996

Alice Chen earned an OD (Doctor of Optometry) degree and currently owns and runs multi-locations optometric practices.

Josh Zamer earned an MD and is a hospitalist in Saratoga Springs, N.Y.

CLASS OF 1997

Amy Brodeur earned a Master of Forensic Sciences from The George Washington University in 1999. She is currently the Assistant Director of the M.S. Program in Biomedical Forensic Sciences, Boston University School of Medicine.

Jamie Shutter received his MD degree from Upstate Medical University in 2001.

Zora Wolfe completed her EdD in Educational Leadership from the University of Pennsylvania in May 2013. Her current research focuses on supporting beginning teachers in their development as teacher leaders. She is currently working with beginning math and science teachers at the Knowles Science Teaching Foundation.

CLASS OF 1998

Elizabeth Eldridge (St James) received her Masters in Public Administration in 2001 from the Robert F Wagner Graduate School of Public Service at New York University. She worked for 3 years in advisory services with KPMG LLP, serving various healthcare clients in the tri-state area. She then moved to work on the provider side of healthcare, holding various positions in physician revenue cycle at major academic medical centers in New York City. In her current role, Beth oversees the accounts receivable and revenue cycle improvement projects for NYU Langone Medical Center faculty group practice (FGP). The FGP has over 1100 physicians and a 300 million dollar receivable. While her day to day work does not integrate coursework material from the psychobiology major, the research methodology, critical thinking and writing skills she learned while in the program at Binghamton have proved invaluable for her daily success at work.

Rich Tomic received an MBA from the New York Institute of Technology and is now a Law Firm Account Director for Wolters Kluwer in NYC.

CLASS OF 2001

Jessica Mura (Sharkey) earned her PsyD in School-Clinical Psychology from Pace University in
Alexandra Isakova, DO received a Masters of Biological Sciences at Drexel University and performed research during that time at Georgetown. She completed her medical degree at Philadelphia College of Osteopathic Medicine and just finished a Family Medicine Residency at Boston University Medical Center. Her new job is at The Floating Hospital in Long Island City NY.

Betsy Koickel is a graduate of the Medical University of the Americas. She is now a board certified family physician practicing in Kirkwood, NY.

Sarah Rynearson-Moody received her master's in Criminology from the University of South Florida (USF) in Tampa after graduating from Binghamton. She has since been working at USF in the Mental Health Law and Policy department doing social and behavioral research for Veterans.

Zoraya Cruz-Bonilla went back to New York City after graduating from Binghamton University. She progressively got jobs with greater responsibility, including a job as a legal assistant. After a year and a half, she was offered a support staff job at Binghamton University and now work as a data research assistant in the office of Student Affairs Assessment and Strategic Initiatives.

Kimberly Robeson went to Syracuse to complete the MD program at SUNY Upstate. She then completed a Neurology Residency at Yale New Haven Hospital in June 2013 and has just started a Neuromuscular Medicine Fellowship at Yale.

Yung-Han Chen spent a year with City Year New Hampshire after graduating with a degree in Psychobiology then worked with a team to develop a social justice learning Saturday program for Middle School Students. Afterwards, Yung-Han earned a Doctor of Optometry degree at the Pennsylvania College of Optometry and is currently an associate pediatric optometrist in a well-known private practice in Staten Island.

Rinil Routh graduated with honors from New York Law School in 2005 in addition to completing a study abroad program in Oxford University, Magdalen College for Comparative Intellectual Property Law and training professionally in Indian Classical dance. Currently, Rinil practices pharmaceutical/Intellectual Property law and is a professional Indian film actress/classical dancer.

Heather Katcher earned her PhD in nutrition after graduating. She currently lives in Kenya and works for Helen Keller International as the Regional Monitoring and Evaluation officer.

Klara Briskin (Leybel) is a Medical Doctor in private practice, specifically in Adult Neurology.

Dustin Gibson received a MS in Neuroscience from the University of Michigan at Ann Arbor. He is currently a 4th year doctoral student in the International Health Department at the Johns Hopkins University Bloomberg School of Public Health. His dissertation is a village randomized controlled trial using mobile phone technologies to increase vaccine coverage and timeliness in rural western Kenya.
Alexandra Lucien (Williams) earned her Masters in Mental Health Counseling in 2009 and currently works as a clinician in a Day Treatment school program in Schenectady, N.Y. Jennifer Weintraub earned her MD and is now finishing up residency in Internal Medicine at Mount Sinai. Melissa Wilner graduated from NYU college of Dentistry in 2011 with a DDS. She then completed a specialty residency in Pediatric Dentistry in 2013 and is now working on Long Island as a pediatric dentist.

CLASS OF 2007

Anna Akker has completed a master’s in physician assistant studies and has worked as a PA for the past 3.5 years in cardiology. William Borschel went onto graduate school at SUNY Buffalo School of Medicine and Biomedical Sciences and obtained a PhD in Biochemistry in the lab of Dr. Gabriela Popescu. During this time he was awarded a Ruth L. Kirchstein National Research Service Award for Individual Predoctoral Fellows through the National Institute of Neurological Disorders and Stroke (NINDS; F31NS071782) to examine molecular mechanisms glutamate receptor activation and desensitization. After the completion of his degree in Feb 2013, he joined the lab of Dr. Colin Nichols at Washington University School of Medicine as a post-doctoral scholar. William is currently examining the structure/function of inward rectifier K+ channels to better understand mechanisms that underlie both diabetes and hypertension in humans.

Georgianna Dolan-Reilly remained at the Infant and Child Studies Project Research Center and the Institute for Child Development until October 2007. Since then she has worked for North Shore Long Island Jewish Hospital system in various research positions conducting research in the fields of Autism Spectrum Disorders, genetics studies, medication studies, sexuality, healthy lifestyles, quality of life, and other medical studies. Her first publication was released on sexuality in adults with Autism Spectrum Disorders this July. In addition, she was the Intake and Research Coordinator for the Fay J. Lindner Center for Autism until August 2010. At that time, Georgianna returned to school to obtain her Master’s in Social Work from Stony Brook University. During her course work she interned as a school social worker for grades K-5 at a local school district, and next as a School Health Policy Specialist Intern working with school districts to improve their policies in regards to food, physical activity, and physical education with in their schools. Since graduation she has obtained her Licensure and am a Licensed Master Social Worker for New York State. Currently, Georgianna is a Board Member and Chief Editor for Social Justice Solutions Inc. (http://www.socialjusticesolutions.org), and Owner/Blogger and Gluten Free Lifestyle Specialist and Consultant at her website Celtic Celiac: A Modern guide to Staying Sane without Grain (http://celtic-celiac.blogspot.com/). She is also active in the National Association of Social Workers (NASW), Gluten Intolerance Group (GIG), International Society for Autism Research (INSAR), and the International Association for Social Work with Groups (IASWG). Most notably, she was a Volunteer Coordinator for the 2012 IASWG Symposium, and recently was published as one of the editor for the proceeding of this symposium (released June 2013). Georgianna was also chosen as one of two winners of their 2013 Founders Award for Emerging Leadership in the field. Elina Drits is in her final year of medical school at Lecom and plans to do a residency in psychiatry and go into addiction medicine. Tzvi Furter spent a little over four years after graduation obtaining a medical degree from St. Matthew’s University, located in the Cayman Islands. Tzvi became an official Doctor of Medicine April 2012 and in July 2012 began a residency in General Psychiatry at SUNY Downstate Medical Center.

Jessica Goggin earned a Bachelor’s degree in nutrition. She is currently a Clinical Nurse II and Board Certified Neuroscience RN at New York Presbyterian - Columbia University campus and is also in a Master’s program for nurse practicing.

Mark Liu a Clinical Practice Supervisor at the Memorial Sloan-Kettering Cancer Center, a world-renowned organization dedicated to the progressive control and cure of cancer. In the department of Ambulatory Care, Mark supervises the day-to-day operations of the Breast Medicine and Surgery outpatient services.

Jacqueline Minichiello earned her master’s degree in Nutrition from Tufts University. She simultaneously completed a program that qualified her to complete an internship to become a registered dietitian. Jacqueline is currently working at a community health center in Boston as an outpatient registered dietitian. She works primarily with patients who want to manage their diabetes and lose weight.

CLASS OF 2008

Rebecca Barrett received a JD from St. John’s University School of Law.

Laura Darnieder is a Doctoral student in the Neuroscience PhD Program at Tufts University in the Sackler School of Graduate Biomedical Sciences.

Jean Marie McGowan graduated with an M.D. from the American University of the Caribbean School of Medicine in 2012.
**CLASS OF 2009**

Lauren Adis is currently pursuing her psychiatric nurse practitioner degree at the University of Pennsylvania.

Jodi Brown went to PA school at Stony Brook and is now a physician assistant in the emergency room at Queens Hospital Center.

Mikhail Kagan earned a medical degree from SUNY downstate and is currently beginning an anesthesiology residency at Stony Brook University.

Jeremy Smelski works at MEDENT EMR/EHR (medent.com) as an interface analyst, project manager, and department head.

Cherie Walsh received an MBS (Masters of Biomedical Science) in 2010 from UMDNJ-GSBS. Currently she is pursuing a DMD degree from Rutgers School of Dental Medicine (formerly UMDNJ), expected 2016.

**CLASS OF 2010**

Joe Catanzaro remained at Binghamton University to obtain a Master’s Degree in Behavioral Neuroscience Psychology. He graduated August 2012, and in the same month got a job as a Junior Copywriter for the healthcare communications agency Sudler & Hennessey in New York City. He stayed there for 8 months before landing a new job as a Scientific Copywriter for Harrison & Star.

Jason E. Cohn is currently in his 4th year of medical training at NYIT-COM. He has been accepted into the 5 year DO/MS program known as the Academic Medicine Scholars Program. As part of this program, Jason teaches medical lectures, anatomy labs, physical examination skills lab, and osteopathic medicine treatment labs to first and second year medical students and also authored a textbook chapter on cystic hygroma. The program also involves a research project; his is on BRCA genetic mutation testing amongst primary care physicians. Jason is also receiving a $100,000 scholarship for my teaching and research duties during this extra year of medical school. During medical school he has also been actively engaged in clinical research at the Icahn School of Medicine at Mount Sinai Hospital in Manhattan. He published an abstract on the immunological profiles of Crohn’s disease and food allergies. Currently, he is studying the metabolic, immunologic and antioxidant effects of tai chi. Jason plans to become a resident in Otolaryngology/Facial Plastic Surgery in the Northeast area.

Eduardo Gigante stayed in Binghamton to earn a Master’s of Science under Dr. David Werner and is now a research fellow at the National Institute on Drug Abuse in Baltimore, MD.

Michael Lamb went on to get his Master’s degree in forensic science and is now working as an analytical chemist at a forensic toxicology lab.

Sarah Ransom spent a year as a lab technician in a neuroscience lab at Johns Hopkins University and now she is a PhD student in the Program in Neuroscience at the University of Maryland.

**CLASS OF 2011**

Abigail Agoglia is currently entering her third year as a graduate student in the Neurobiology Curriculum at the University of North Carolina, Chapel Hill. She works with Dr. Clyde Hodge in the Bowles Center for Alcohol Studies, where she is investigating molecular mechanisms that play a role in the relationship between adolescent alcohol use and risk for alcoholism.

Natasha Bobrowski-Khoury is currently attending University College of London as a Master’s Student in Neuroscience. She is involved conducting electrophysiological experiments on mouse models of Multiple Sclerosis.

William Buchta is a graduate student in the Department of Neurosciences at the Medical University of South Carolina.

Dora Linkoff is currently a PharmD candidate at the UNC Eshelman School of Pharmacy. She completed her first hospital clerkship at the Womack Army Medical Center where she co-authored a paper with her supervisor, Dr. Jack Rosenbluth that was published in the Journal for Neuroscience Research. Her work involved conducting electrophysiological experiments on mouse models of Multiple Sclerosis.

**CLASS OF 2012**

Eliza Anderson is entering her second year as a med student at Jefferson Medical College in Philadelphia. She is a member of clowns for medicine (Patch Adams style), and is helping out with some clinical neuroscience research as well as volunteering as a rapid HIV tester in the ER.

Michael Galarraga has spent the last year in Binghamton working two jobs, saving up for graduate school. One of the positions he held was a mental health technician for a behavioral health unit at Binghamton General Hospital. He will be relocating to Virginia and attending EVMS in Norfolk, VA for a MS in Art Therapy and Counseling this August 2013.

Illyse Genser worked as a research and compliance assistant at CBLPath, Inc Laboratories in Rye Brook NY from July 2012 - April 2012 and will begin medical school in August at New York Medical College.

Gina Giglio is starting at the School of Health Technology & Management at Stony Brook to complete a Clinical Laboratory Science program that will allow her to sit for the ASCP Medical Laboratory Scientist exam.

Lauren Adis is currently pursuing her psychiatric nurse practitioner degree at the University of Pennsylvania.

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Justin O’Leary is currently a PharmD candidate at the University of North Carolina, Chapel Hill. She works at Emory’s School of Public Health performing research on public housing relocation and its impact on health, specifically HIV.

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Gina Giglio is starting at the School of Health Technology & Management at Stony Brook to complete a Clinical Laboratory Science program that will allow her to sit for the ASCP Medical Laboratory Scientist exam.
She is also hoping to begin a Masters in Health Care Policy & Management.

Aaron Katzman has been working as a lab technician in a developmental neuroscience lab at Weill Cornell Medical College since graduating. Aaron recently took a job at the University of Iowa for a year, working on a very exciting drug discovery project looking at a mouse model of anxiety in neuropsychiatric disease, and plans on applying to graduate school in neuroscience to start fall of 2014.

Marisa J. Levy has just completed her first year of a neuroscience PhD program at Georgia State University in Atlanta, GA.

Rachel McGough is working as a software engineer for a startup in San Francisco, Calif.

Tasha Tambeau is currently in a nursing program and will graduate in 2014.

Jennifer Wolf has been working as an emergency room scribe at Beaumont Hospital in Grosse Pointe, Michigan while also applying to medical schools. She received acceptances at four different medical schools, but ultimately chose to attend Wayne State University School of Medicine in Detroit, Michigan. She will be starting classes this August and will graduate in 2017.

**CLASS OF 2013**

Catherine Boucher will be joining an AmeriCorps NCCC program in August when she will be headed down to Mississippi to work with FEMA on disaster relief for approximately a year.

Kerensa Crump is pursuing a PhD in neuroscience at Stanford University, starting this fall.

Luke Dixon accepted to CUNY College of Staten Island to pursue Doctorate of Physical Therapy.

Helaine Firestein is a student in the Doctorate of Physical Therapy program at Stony Brook University.

Cathy Hao will be attending Harvard medical school in fall of 2014.

John Hayes has been working at Remlik’s in downtown Binghamton since shortly after graduation.

Francesca Hraska will begin graduate school for a Master’s degree in Nutrition starting in the fall of 2013 at Hunter College.

Kelly McCabe has begun a new job as an independent support server. Kelly offers care to two siblings with microsyndrome, a recessive brain disorder that causes them to be physically fragile and mentally impaired. She has already learned so much and can honestly say she loves her job. She has also sent in applications to schools for PA programs for the July 2014 start.

Daniella Mendola has been working part-time at Walgreens, but in the fall she will be continuing her education to try and getting a certified as a Medical Assistant.

Michael Paolillo is continuing his education at the University of Tübingen in Germany for a Master’s in Cellular and Molecular Neuroscience.

Jeremy Sloane is beginning a PhD program at Syracuse University in August. He will be rotating between a few different labs to determine what he would like the focus of his dissertation to be.

Zack Steinbach was accepted into the Lincoln Memorial University DeBusk College of Osteopathic Medicine class of 2017.

Nicholas A. Thompson will be attending Drexel University for a Master’s of Public Health.
Elias Kampton  
The Serotonin Transporter Inhibition in the Dorsal Raphe Nucleus Reduces L-DOPA-induced Dyskinesia without Interfering with L-DOPA Efficacy in Hemi-Parkinsonian Rats  
Supervised by Dr. Bishop

Joseph Petro  
Adolescent Alcohol Exposure and Altered Pavlovian Conditioning: Role for Glutamine Signaling in Hippocampus  
Supervised by Dr. Sabeti

Greg Castro  
The Effects of Prenatal Alcohol Exposure on the Dopaminergic System  
Supervised by Dr. Werner

Kerensa Crump  
The Cytokine Hypothesis of Depression: Inflammatory Effects of Desipramine in the Rat Forced Swim Test  
Supervised by Dr. Deak

Tome Elyaguov  
The Combined Effect of Maternal Care and Testosterone on Polycystic Ovarian Syndrome  
Supervised by Dr. Cameron

Tom Fuchs  
Impact of Adolescent Age and Drug Dosing on Behavioral Sensitization in Response to a Dopamine D2-like Agonist: Implications for Maturation of the Reward System  
Supervised by Dr. Sabeti

John L. Fuller Memorial Award

John Fuller received his PhD from Massachusetts Institute of Technology in Biology. He worked at the Jackson laboratory in Bar Harbor, Maine for 23 years where his studies furthered our present understanding of the development of behavior as influenced by the coaction of genes and the environment. His research resulted in a new discipline known as behavior genetics. John joined Binghamton University in 1970. His arrival marked a turning point in the history of the department of psychology. His research and knowledge assisted in transforming psychology at Binghamton University into a prestigious place of study. When Dr. John Fuller passed away on June 8th, 1992 he was 81 years old. He had been a Professor Emeritus of the Department of Psychology since 1978. He was truly a pioneer in the field of behavior genetics and his influence will never be forgotten. The Fuller award is given to a graduating senior Integrative Neuroscience major that has shown excellence in the area of research through the completion of an honors project in Integrative Neuroscience. This past year it was awarded to Tom Fuchs who was nominated by his faculty mentor Dr. Sabeti.
A NOTE ABOUT GIVING TO THE PROGRAM

Your support helps us with everything from a speaker series to alumni outreach, programming for current students, student support and our basic daily operations. Contributions should be sent to the Binghamton University Foundation, PO Box 6005, Binghamton, NY 13902-6005, and please note that it is for Integrative Neuroscience (Psychology Fund Account 10762).

Dr. Bishop and his team work in the lab