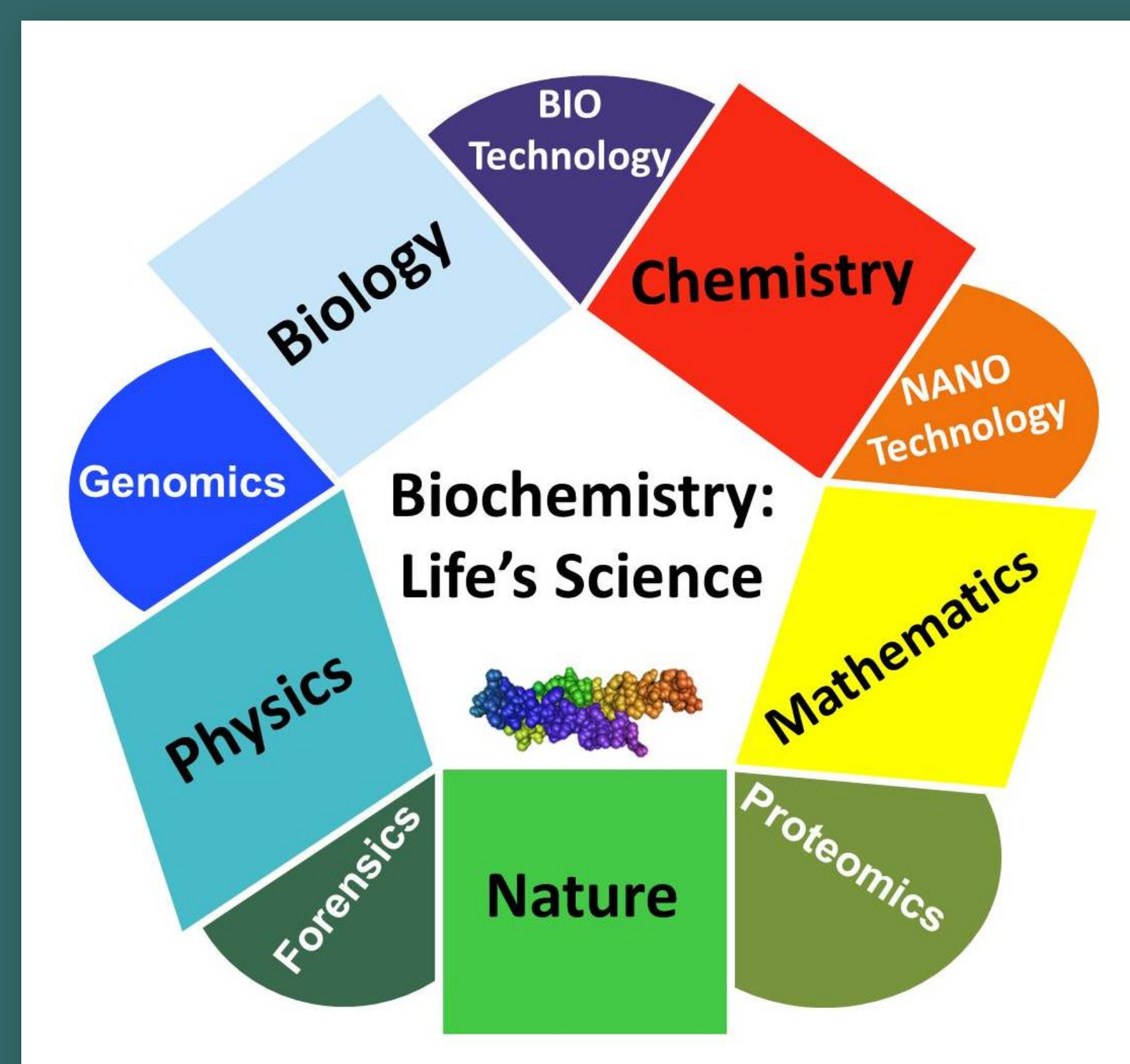


# Biochemistry Alumni

The Class of 2005 marked the first graduating class for the Biochemistry program at Eastern Connecticut State University. One of the obvious achievements of the biochemistry program is the post-graduation success students have attained. Since 2005 over 36% of the students graduating with a BS in Biochemistry have gone on to pursue professional and/or graduate degrees. In addition, numerous students (over 81% within 1 year of graduation) have obtained quality employment in this demanding technical field. A sampling of alumni publications and post-graduate pursuits are listed below demonstrating their success and the diverse application of their biochemistry degree and knowledge acquired as part of their experience at Eastern Connecticut State University.



## PHYSICAL SCIENCES

**JUSTIN PIRO** (Class of 2005) - PhD Biochemistry 2011 Dartmouth College, Senior Scientist at Pfizer

Piro, J.R., D.I. Benjamin, J.M. Duerr, Y. Pi, C. Gonzales, K.M. Wood, J.W. Schwartz, D.K. Nomujra, and T.A. Samad. "A Dysregulated Endocannabinoid-eicosanoid Network Supports Pathogenesis in a Mouse Model of Alzheimer's Disease." *Cell Reports*. U. S. National Library of Medicine, 6/2012.

**BRENNA TRAVER** (Class of 2006) - PhD Entomology 2011 Virginia Tech, Assistant Professor of Biology at Penn State Schuylkill

Juliana Rangel, Kristen Baum, William L. Rubink, Robert N. Coulson, J. Spencer Johnston, and Brenna E. Traver. "Prevalence of Nosema Species in a Feral Honey Bee Population: A 20-year Survey." *SpringerLink*. Springer Paris, 11/2015  
Feazel-Orr, Haley K., Katelyn M. Catalfamo, Carlyle C. Brewster, Richard D. Fell, Troy D. Anderson, and Brenna E. Traver. "Effects of Pesticide Treatments on Nutrient Levels in Worker Honey Bees (*Apis Mellifera*)." *Insects*. MDPI, 3/2016

**MARC RIGATTI** (Class of 2007) - MD, PhD University of Connecticut School of Medicine

Rigatti, M. J., Verma, R., Belinsky, G. S., Rosenberg, D. W. and Giardina, C. (2012), Pyharmacological inhibition of Mdm2 triggers growth arrest and promotes DNA breakage in mouse colon tumors and human colon cancer cells. *Mol. Carcinog.*, 51: 363-378

**Christopher Carmean** (Class of 2008) - PhD University of Chicago: Molecular Metabolism and Nutrition 2015 International Postdoctoral Researcher Kobe University: Division of Cellular and Molecular Medicine: Seino Lab Japan: Kobe

Carmean, Christopher M., Y. Hanna Huang, and Matthew J. Brady. "Glycogen Repletion in Brown Adipose Tissue upon Refeeding is Primarily Driven by Phosphorylation-Independent Mechanisms." *PLOS ONE*. Public Library of Science, n.d. Web. 5/2017.

**Brisa Palikuqi** (Class of 2009) - Division of Regenerative Medicine, Department of Medicine, Ansary Stem Cell Institute, Weill Cornell Medicine, 1300 York Avenue, Room A-863, New York, NY 10065. USA

Schachterle, W., C.R. Badwe, B. Palilkuqi, B. Kunar, M. Ginsberg, R. Lis, M. Yokoyama, O. Elemento, J.M. Scandura, and S. Rafii. "Sox17 Drives Functional Engraftment of Endothelium Converted from Non-vascular Cells." *Nature Communications*. U.S. National Library of Medicine, 1/ 2017.

**Kari Hernandez** (Class of 2010) - PharmD, Doctor of Pharmacy, Western New England University 2016, Staff Pharmacist at Walgreens, Manchester, CT

**Nicholas Shoenfelt** (Class of 2011) - Senior Manufacturing Associate, Sanofi Genzyme, Framingham, MA

**Lindsey Maxwell** (Class of 2012/2013) - MS Fairleigh Dickinson University-Metropolitan Campus Cosmetic Science 2015, Microbiologist at Stryker Orthopaedics

**Jacob St. Germain** (Class of 2012-2013) - Scientist at Eurofins Lancaster Laboratories Professional Scientific Services, CT

**Jacqueline Lagasse** (Class of 2014) - Associate Scientist at Alcami Corporation Wilmington, North Carolina

**Kirby Madden-Hennessey** (Class of 2015) - Graduate Student PhD Biomedical Sciences Program/Graduate Assistant at UConn Health, The University of Connecticut Health Center

M., De Feyter Henk, Kevin L. Behar, Jyotsna U. Rao, Kirby Madden-Hennessey, Kevan L. Ip, Fahmeed Hyder, Lester R. Drewes, Jean-Francois Geschwind, DeGraaf Robin A., and Douglas L. Rothman. "A Ketogenic Diet Increases Transport and Oxidation of Ketone Bodies in RG2 and 9L Gliomas without Affecting Tumor Growth." *Neuro-Oncology*, Oxford University Press, 5/2016.

**Zane Lombardo** (Class of 2016) -Graduate Student Wesleyan University