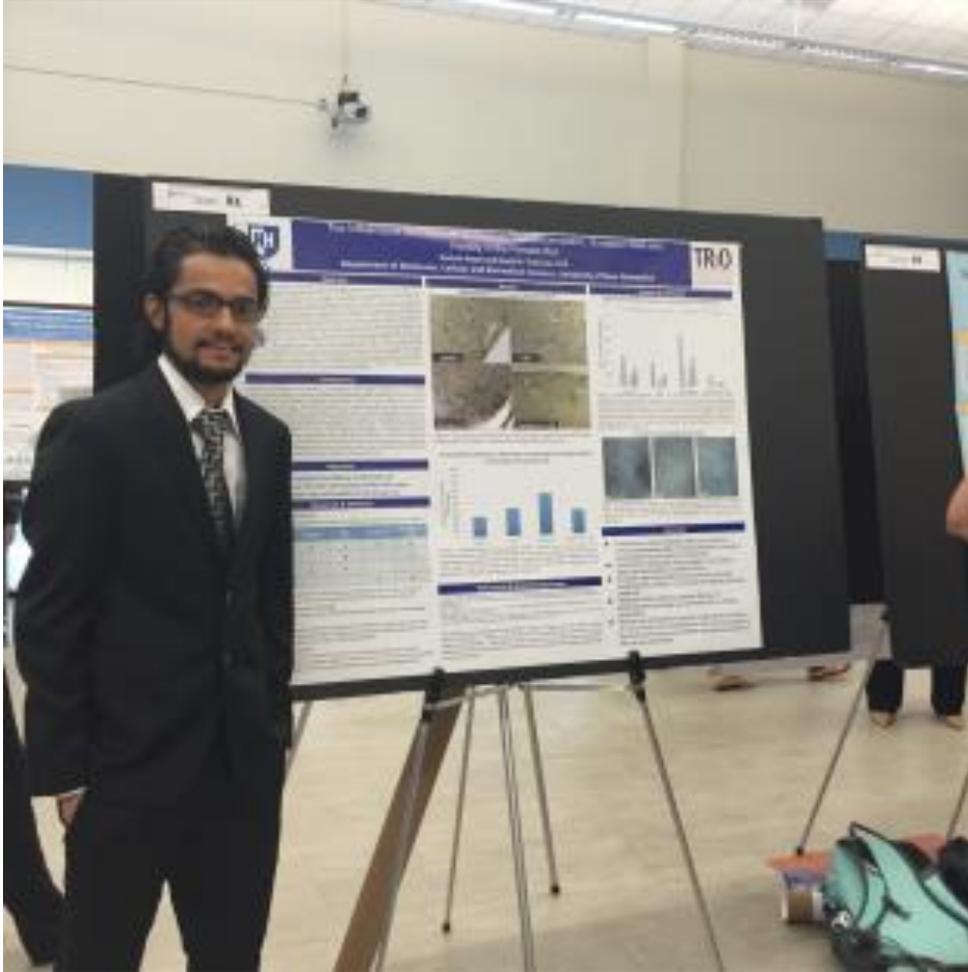
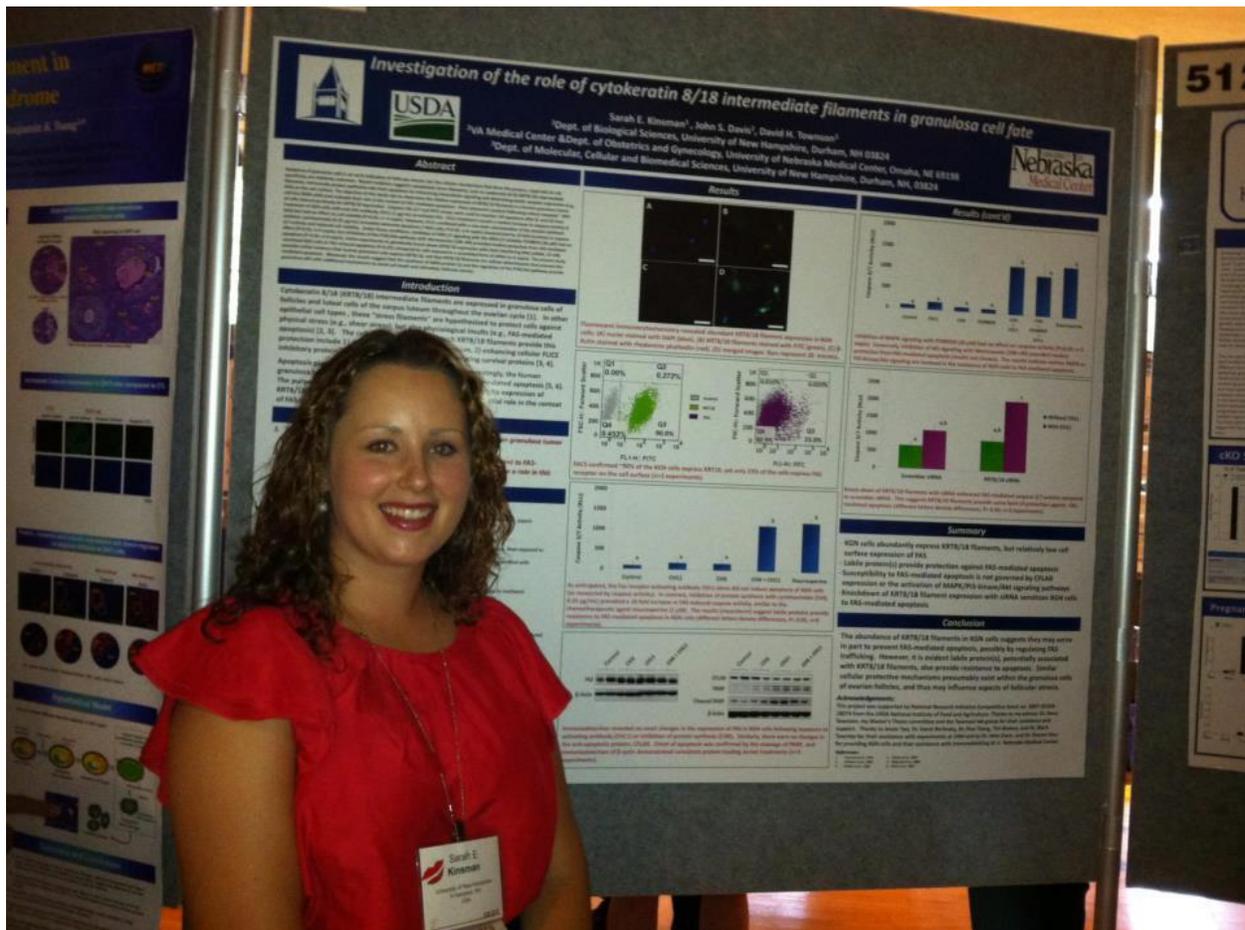


The Townson Lab Student Alumni



Keshav '16 presenting at the 2015 Undergraduate Research Conference at UNH. Keshav Nepal

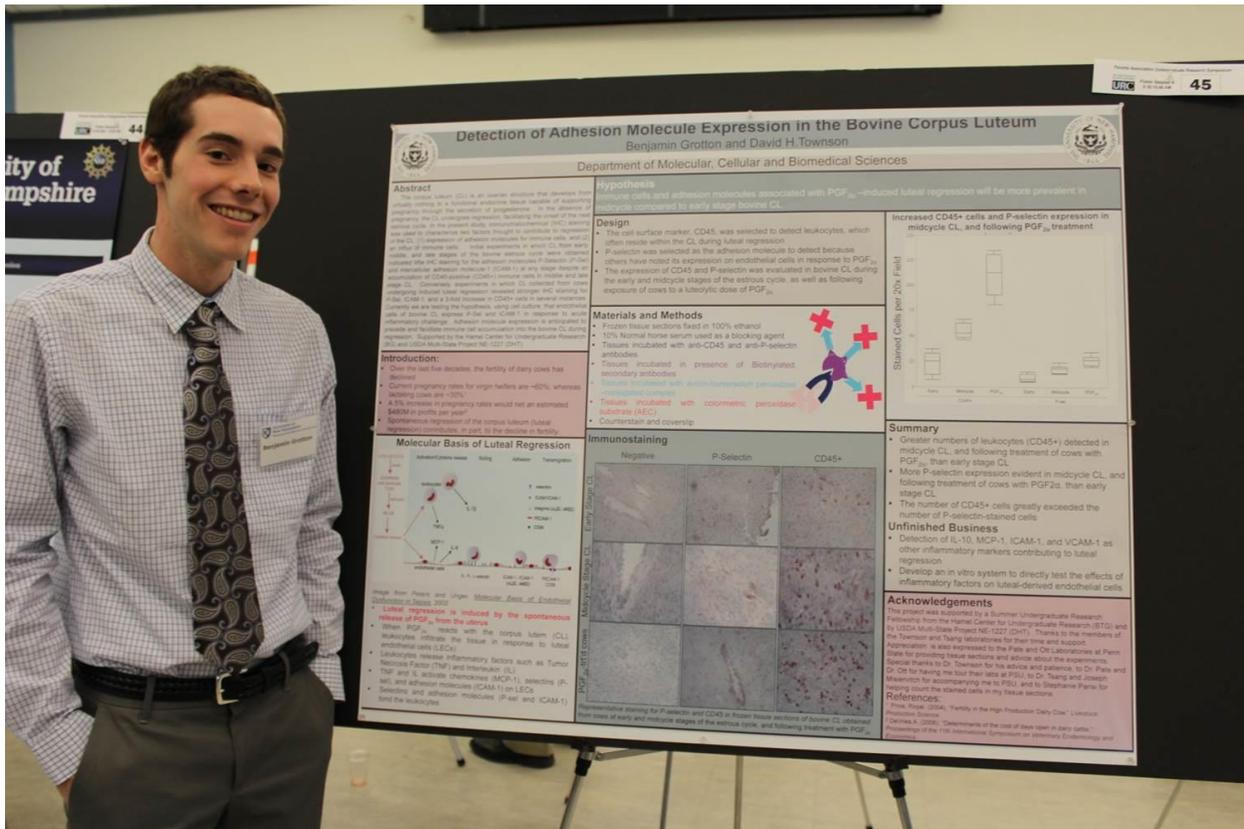
Keshav is a University of New Hampshire 2016 graduate of the Biomedical Science program. In 2014 Keshav was accepted into the McNair Scholars program. As a McNair Research Fellow, he spent his summer working on a project with Dr. Townson entitled, The Influence of OmniGen AF on neutrophil activation, ovulation rate, and fertility in the female rat. He later presented his work at the UNH 2015 Undergraduate Research Conference. Keshav later moved on to use the Immunohistochemistry (IHC) techniques he learned in the lab to investigate the influence of dexamethasone on VEGF production by macrophages within the ovary (read Keshav's abstract below). We look forward to seeing his scientific career develop!



Sarah presenting at the SSR Conference, 2012

Sarah Kinsman

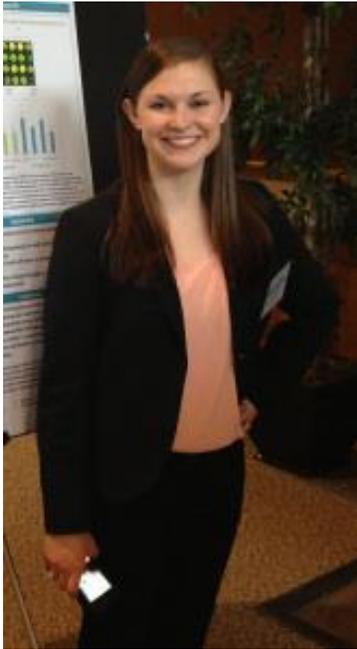
Sarah Kinsman is the most recent Master's student to graduate from the Townson Lab. Sara graduated from the University of New Hampshire with a Bachelor of Science in Animal Sciences in 2009 and a Master of Science in Animal Sciences in 2012. Her Master's Thesis entitled, "Keratin 8/18 filaments: Potential modulators of death signaling in ovarian granulosa cells", entailed genetic knock-out experiments in which ovarian cells were transfected with small interfering RNA (siRNA) to regulate cell function. The long-term goal of the work is to improve reproductive efficiency in dairy cows. Sarah presented her results at the 45th Annual Meeting of the Society for the Study of Reproduction (SSR) in State College, PA, August 2012. She is currently employed by Corning Life Sciences, Inc. in Woburn, MA as a research scientist, and she continues to be a valuable asset to the Townson Lab! Story Courtesy of: UNH Animal Sciences



Ben presenting at the 2014 Undergraduate Research Conference.

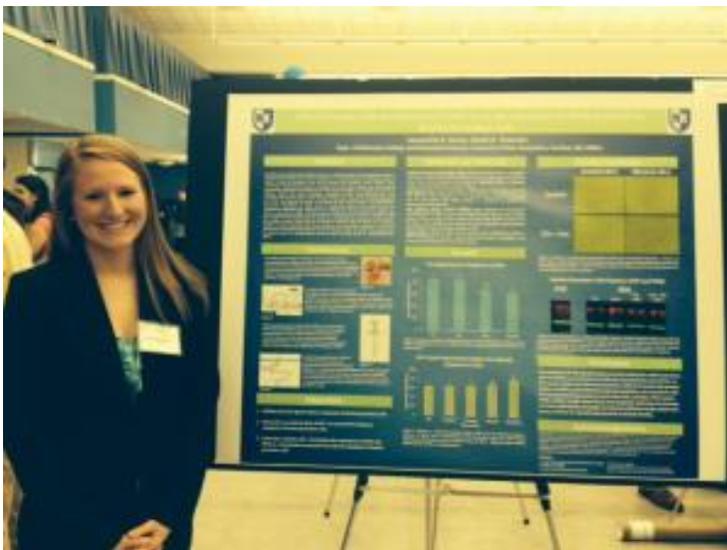
Ben Grotton

Benjamin is a 2014 graduate of the Biochemistry, Molecular and Cellular Biology program at the University of New Hampshire. He began volunteering in the Townson lab after his freshman year at UNH when he learned the techniques of Immunohistochemistry (IHC) under Ben, Drew, and Katie. He was also awarded a Summer Undergraduate Research Fellowship (SURF) to study the effects of macrophage polarity in cow uterus on fertility using IHC. His senior project focused on adhesion molecules in the corpus luteum of cows during luteolysis using IHC. Ben went on to enter a career in research, and is now considering pursuing a graduate degree in Bio Statistics. He is grateful for the people he got to work with as well as everything he learned whether it was a new technique, presentation skill, or general lab etiquette.

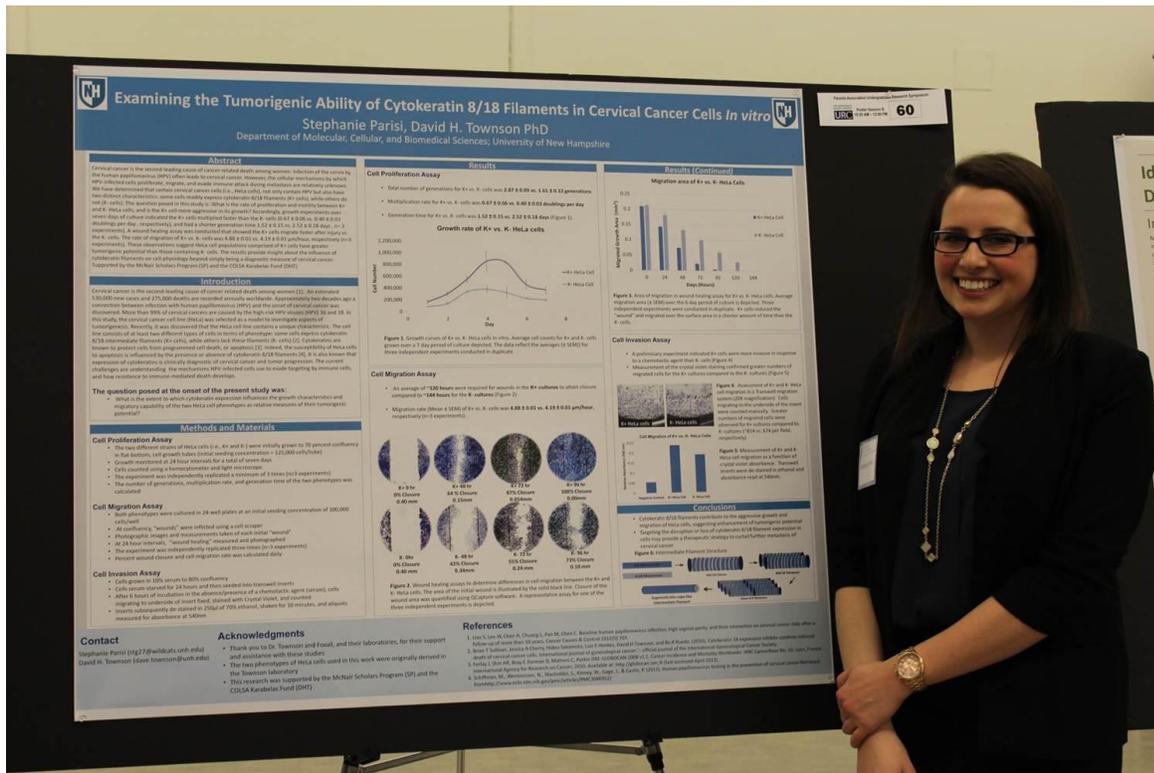


Caitlin McCarthy

Caitlin is 2014 graduate of the University of New Hampshire biomedical science program with a minor in psychology. She began working in the lab her freshman year and has since developed interests leading toward her project, the characterization of anti-apoptotic protein c-FLIP in cervical carcinoma (HeLa cells), especially in relation to the presence or absence of cytokeratin 8/18 filaments. After completing a Summer Undergraduate Research Fellowship (SURF) she presented her work at the Undergraduate Research Conference for which her project received an Award of Excellence. She extends gratitude to other members of the lab, current and alumni, who have been so helpful in teaching her, and recognizes Dr. David H. Townson as having the biggest influence on her development as a student and individual while at UNH. She is currently employed by Brown University as a Research Scientist.



Samantha Docos



Stephanie Parisi

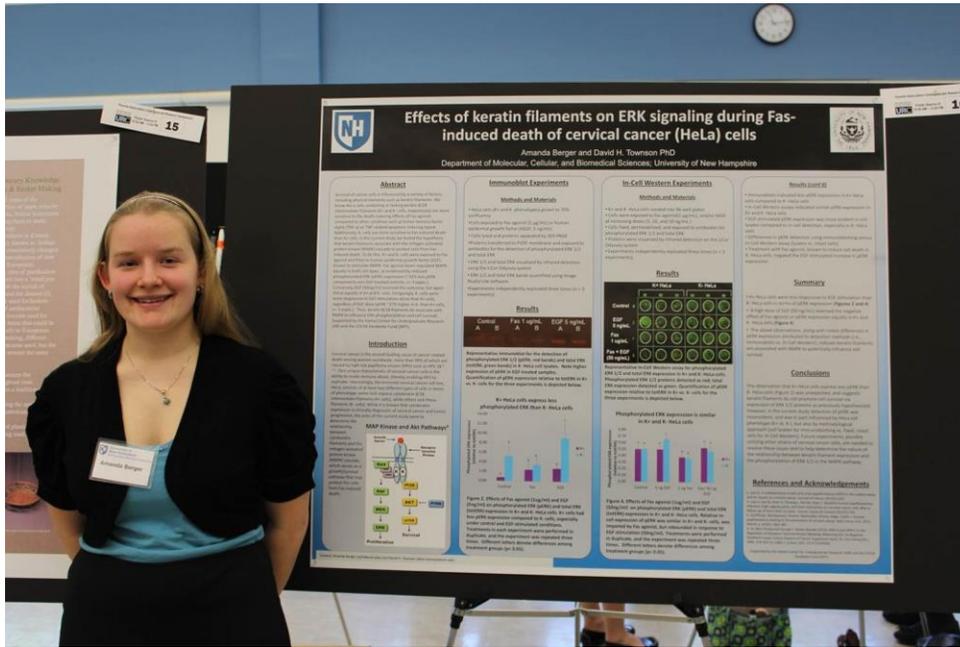
Stephanie presenting at the UNH 2014 Undergraduate Research Conference.



Nicolette Schwab

Nicolette at work in the lab!

Nicolette is a 2014 graduate of the University of New Hampshire Biomedical Science Program. She joined the lab after her freshman year, in the summer of 2012, working as a lab technician while shadowing former graduate student Sarah Kinsman. In the spring of 2013, she began follow-up work to Sarah's experiments regarding genetic knock-out of keratin 8/18 filaments in KGN cells via transfection with siRNA, which she reported on for her Senior thesis. Nicolette is currently enjoying a gap year in the Pacific Northwest before starting her medical school education at the University of New England in the Fall of 2016. She is grateful to the other lab members, past and present, especially Dr. David H. Townson and Sarah Kinsman, for providing her with the opportunity to grow as a researcher and student.



Amanda Berger

Amanda presenting at the 2014 Undergraduate Research Conference.