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Life Sciences Education is published by the American Society for Cell Biology.

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Author summary Our computational needs assessment of 704 principal investigators (PIs) with grants from the National Science Foundation (NSF) Biological Sciences Directorate (BIO) confirmed that biology is awash with big data. Nearly 90% of BIO PIs said they are currently or will soon be analyzing large data sets. They considered a range of computational needs important to their work, including high performance computing (HPC), bioinformatics support, multistep workflows, updated analysis software, and the ability to store, share, and publish data. Assessment of course-based undergraduate research experiences: A meeting report. CBE Life Sci Educ. 2014; 13(1): 29–40. pmid:24591501. Assessment of course-based undergraduate research experiences: a meeting report. LC Auchincloss, SL Laursen, JL Branchaw, K Eagan, M Graham, CBE—Life Sciences Education 13 (1), 29-40, 2014. 219. 2014. Neuronal cell shape and neurite initiation are regulated by the Ndr kinase SAX-1, a member of the Orb6/COT-1/warts serine/threonine kinase family. JA Zallen, EL Peckol, DM Tobin, CI Bargmann. Molecular biology of the cell 11 (9), 3177-3190, 2000. 111. 2000. Toward a holistic view of undergraduate research experiences: An exploratory study of impact on graduate/postdoctoral mentors. E Dolan, D Johnson. Journal of Science Education and Technology 18 (6), 487, 2009. 89. 2009. The project ownership survey: measuring differences in scientific inquiry experiences. Course-based undergraduate research experiences (CUREs) are increasingly called on as a way to improve the quality of STEM education, attract and retain STEM majors, and provide broad and equitable access to undergraduate research experiences. Several of our courses are designed to provide students with a significant, authentic research experience while working in small collaborative research groups (Lord and Kinner, 2018). Assessment of Course-Based Undergraduate Research Experiences: A Meeting Report. CBE--Life Sciences Education, 13, 29-40. doi:10.1187/cbe.14-01-0004. <https://www.lifescied.org/doi/10.1187/cbe.14-01-0004>.