Philip Nelson is a Director of Engineering in Google Research. He joined Google in 2008 and was previously responsible for a range of Google applications and geo services. He currently leads the Google Accelerated Science team that collaborates with external scientists to apply Google's knowledge and experience in running complex algorithms over large data sets to important scientific problems. Philip graduated from MIT in 1985 where he did award-winning research on hip prosthetics at Harvard Medical School. He helped found and lead several Silicon Valley start ups in search (Verity), optimization (Impresse), and genome sequencing (Complete Genomics) and was also an Entrepreneur in Residence at Accel Partners.