I am a first-year student of a chemical department of the SUSU. At the very beginning of my education process, as we all did, I started to think about my professional future. My search began from choosing a specialty: I’m interested in chemistry and rocket science and it was the most difficult choice that I faced with. It was solved due to the good example of Linus Poling – a perfect human and scientist.
Linus Pauling has inspired generations of scientists and students to enter the path of knowledge and research and I am proud to follow this way. His beautiful mind changed history of chemistry and science in general. Linus Pauling showed us that even in studied from all aspects (as it seemed in his time) science it’s possible to be a discoverer, that our greatest achievements are waiting for the Pioneers.
Founding father of quantum chemistry and molecular biology, studying of electronegativity, theory of hybridization of atomic orbitals – these are the only a small part of the list of Linus Pauling’s achievements. For fundamental scientific work, he was awarded with the Nobel Prize in Chemistry.

But it was a long way to success. His best years of scientific career occurred during the most complicated period of history of the planet Earth. Aftermath of the First World War, the Great Depression, European political crisis, the Second World War – all of these conditions put pressure on him from above. Robert Oppenheimer invited Linus Pauling to be a member of the Chemical division of the Manhattan project, where there were many orders from Ministry of Defence and many applied projects instead of pure scientific problems. In addition, with a view of war to the knife between different parts of divided humanity this period became a trigger for political activism of Linus Pauling.
He started to popularize his pacifistic position all around the Earth. Years of peace work resulted with moratorium on above ground nuclear weapons testing. Linus Pauling was awarded with the Nobel peace Prize in 1963 for his struggle “not only against nuclear weapons tests, not only against the spread of these armaments, not only against their very use, but against all warfare as a means of solving international conflicts.”

Linus Pauling was an impersonation of the best human qualities: curiosity, pacifism, the desire to push the boundaries of human understanding of the Universe micro-organization. And maybe not only for his work, but for his perfect life was he twice awarded with the supreme reward for Merit to the Humanity – the Nobel Prize.

Because of example of Linus Pauling I decided to study chemistry but also I find I perfect pattern of Human that I was always dreamt to be.