

МІНІСТЕРСТВО ОСВІТИ І НАУКИ УКРАЇНИ
СУМСЬКИЙ ДЕРЖАВНИЙ УНІВЕРСИТЕТ
КАФЕДРА ІНОЗЕМНИХ МОВ
ЛІНГВІСТИЧНИЙ НАВЧАЛЬНО-МЕТОДИЧНИЙ ЦЕНТР

МАТЕРІАЛИ ІХ МІЖВУЗІВСЬКОЇ
НАУКОВО-ПРАКТИЧНОЇ КОНФЕРЕНЦІЇ
ЛІНГВІСТИЧНОГО НАВЧАЛЬНО-МЕТОДИЧНОГО ЦЕНТРУ
КАФЕДРИ ІНОЗЕМНИХ МОВ

“TO MAKE THE WORLD SMARTER AND SAFER”

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The ninth scientific practical student`s, postgraduate`s and teacher`s
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EDWIN POWELL HUBBLE

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Humankind has long gazed toward the heavens, searching to put meaning and order to the universe around them. Unlike most other fields of science, astronomers are able to observe a system entirely from birth to death, the life of worlds, stars, and galaxies span millions to billions of years. Astronomy is one of the oldest natural sciences and the early civilizations in recorded history performed methodical observations of the night sky. However, the invention of the telescope was required before astronomy was able to develop into a modern science. There are many astronomers, but one of them is the most significant discoverer and his name is Edwin Hubble.

Edwin Powell Hubble (November 20, 1889 – September 28, 1953) was an American astronomer who played a crucial role in establishing the field of extragalactic astronomy and is regarded as one of the most important observational cosmologists of the 20th century. He began to classify all the known nebulae and to measure their velocities from the spectra of their emitted light. Also he made another startling find - all galaxies seemed to be receding from us with velocities that increased in proportion to their distance from us - a Hubble's Law. This discovery overturned the conventional view of a static Universe and showed that the Universe itself was expanding. Dr. Hubble showed that some of the numerous distant, faint clouds of light in the universe were actually entire galaxies – much like our own Milky Way. The realization that the Milky Way is only one of many galaxies forever changed the way astronomers viewed our place in the universe. In addition, he played a central role in the design and construction of the Hale 200-inch Telescope – one of the most powerful and largest telescope on Earth. Orbiting Hubble Space Telescope was named after astronomer Edwin Hubble and the choice could not have been more appropriate.

As a result of Hubble's work, our perception of mankind's place in the Universe has changed forever: humans have once again been set aside from the center of the Universe. Plenty of his observations have led to breakthroughs in astrophysics, such as accurately determining the rate of expansion of the universe.