



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

## **МАТЕРІАЛИ**

**XIV ВСЕУКРАЇНСЬКОЇ  
НАУКОВО-ПРАКТИЧНОЇ КОНФЕРЕНЦІЇ  
СТУДЕНТІВ, АСПІРАНТІВ ТА ВИКЛАДАЧІВ  
ЛІНГВІСТИЧНОГО НАВЧАЛЬНО-МЕТОДИЧНОГО ЦЕНТРУ  
КАФЕДРИ ІНОЗЕМНИХ МОВ**

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## LEFT- HANDEDNESS VERSUS RIGHT-HANDEDNESS

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I am left-handed. I always wonder why people who write with their right hands react so violently seeing me operating with my left hand and often ask such questions as «How do you do this?», «Do you feel comfortable?» So I want to figure out how left-handed children differ from children who write with their right hand.

Left-handedness or right-handedness of a child is determined by the more developed right or left hemisphere of the brain. It is interesting that a left hemisphere is responsible for the right half of the body that is it processes information that comes from the right leg, arm, eye and so on. A right hemisphere is responsible for the left side of the body. In addition the supremacy of one of the hemispheres determines the nature and temperament of the child.

A right hemisphere is called emotional and its strengths are a subtle perception of art, well-developed imaginative thinking. Left-handed children are most often very emotional and quick-tempered. When they try to solve a problem they let out their emotions and do not listen to reason because a right hemisphere processes and analyses information instantly thus forming emotional perception and visual-spatial functions.

A concept <left-handedness> has two meanings: the definition of the leading hand and a complex of all characteristics that reflect the high activity of the right hemisphere. Left-handedness in the first meaning describes a person who writes with his left hand and thus is left-handed but left-handedness in the second meaning describes a child with a leading left eye, left leg and a left-handed left arm.

Next very important point is connected with the appearance of left-handed people. There are a lot of interesting theories but the theory of inheritance seems the most probable at

the moment. The birth of a left-handed child is more likely in a family where one of the parents is left-handed. This applies not only to parents but also to distant relatives. This feature can be transmitted through many generations without manifesting for a long time but it can be located in one of the gene loci. Now scientists are actively studying genetic loci associated with the preference of the left hand.

A lot of research of left-handedness has been carried out lately and thanks to one of them it turned out that in the right-handed people only one right hemisphere activates during some action and in the left-handers both hemispheres are active. Thanks to this scientists were able to conclude that a right-handed brain works synchronously and it looks as if one part of the brain slows down the other. In left-handed people the hemispheres seem to activate each other and this allows left-handed people to think not only logically but also come up with unusual ideas and perceive creativity. That is why a large number of left-handers joined the ranks of famous people, musicians, artists, writers, scientists and investigators.

#### THE ROLE OF LATIN IN MEDICINE

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Since ancient times, the Latin language has always been considered the language of educated people. It was used in all parts of the world. With time, this language began to «die» because English started supplanting it. Nowadays Latin is a dead language, but thanks to this fact Latin is used in scientific terminology. It is also considered to be the international language of all physicians in the world. The fact is that not every doctor knows English, but all the doctors know the medical terminology and the names of diseases in Latin. It is estimated that about 95% of English medical terms have Latin or Greek origin. This unique language can be compared to a dying tree. One can think that this