

**PECULIARITY OF MEMORY IN STUDENTS
WITH DIFFERENT TYPES OF TEMPERAMENT**

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Temperament theory has its roots in the ancient four humors theory of the Greek doctor Hippocrates (460-370 BC), who believed certain human behaviors were caused by body fluids: blood, yellow bile, black bile, and phlegm. Hippocrates described four such dispositions he called temperaments—a choleric temperament with an ease of emotional arousal and sensitivity; a phlegmatic temperament with cool detachment and impassivity; a melancholic temperament with a very serious, dour, and downcast nature; and a sanguine temperament full of impulsivity, excitability, and quick reactivity. David Keirseay a modern psychologist noted common themes in the various observations and the consistent tendency of human behavior to sort itself into four similar patterns. These four major patterns are referred to as temperaments.

The Guardian (Phlegmatic), value stability security and a sense of community. The Artisan (Sanguine) value aesthetics, whether in nature or art. The Idealist (Melancholic) value unity, self-actualization, and authenticity The Rational-Choleric value expertise, logical consistency, concepts and ideas, and seek progress.

An investigation of these temperaments was done on 46 foreign students (28 male, 18 females) in the medical faculty of Sumy State University from 2- 4th course.. In our results we found that 24 (52%) –guardians in these 15 (54%) M 9(50%) F; 16 (35%)-artisan, in these 6 (36%) M 10 (33%) F; 6 (13%)-idealists, in these 3 (10%) M 3 (17%)F; 0 (0%) - rationalist. In These results the ratio of males to females in each temperament type is more or less 1:1, with a +/- 7% variation, which goes to show that the issue of sex is irrelevant to your temperament type. Further investigations were done to find out if temperaments have any influences to other attributes of a person. Test for vision memory, hearing memory, speed of vision reaction and logical memory were done. The results of these further tests show that guardians tend to have a higher vision memory as compared to the other temperaments. Idealists have a balance in all their memories, if the vision memory is high and so is their hearing and logical memory and vice versa. While on the other hand artisans show a tendency of having a hearing memory that is equivalent to their logic memory, while the vision memory can either be low or high.

According to Thomas and Chase these temperament patterns are remarkably stable through out life. Scientists agree that temperaments do not have a genetic and biological basis, but a babies environmental experiences can modify and shape his temperament and he will be that type through out life.