

## P03-51

### A STUDY ON MENTAL HEALTH STATUS OF THE FRESHMAN AND GRADUATES OF IN FIVE UNIVERSITIES OF SHANXI PROVINCE OF CHINA

B. Han<sup>1,2</sup>, R. Tang<sup>2</sup>, S. Zhao<sup>1</sup>, M. Xu<sup>1</sup>

<sup>1</sup>Department of Psychiatry, The First Hospital, Shanxi Medical University, Taiyuan City, <sup>2</sup>Department of Neurology, Tongji Hospital, Tongji Medical College, Huazhong Science and Technology University, Wuhan, China

**Aims:** To study on mental health status of the freshman and graduates in five different universities.

**Methods:** The 1022 freshman and 956 college graduates from five different universities were tested with the Symptom Checklist 90 (SCL-90). They came from one was general university, two technological universities, one is medical university, one is agricultural university.

**Results:** All of the freshman and college graduates' mental health status is inferior to the contemporaries; there are about 8.5% freshman and 11.4% graduates who have psychological problems. The SCL-90 factor scores of liberal arts students are higher than those of the science in freshman and graduates. There is significant difference between two groups ( $P < 0.05$ ~ $P < 0.01$ ). Among the five different universities, freshman is same, but in graduates of five different universities, medical graduates have a better mental health status than other college's students do.

**Conclusion:** It is necessary that positive educating mental health status to college students' and trained always-cheerful character and stable mood so level of mental health status of college freshman and graduates will be improved.