

1046-01-1270 **Mohammad Moazzam*** (mxmoazzam@salisbury.edu), 1101 Camden Ave., Dept of Math & Computer Science, Salisbury, MD 21801. *Mathematician or Physician?* Preliminary report.

Many people know about Avicenne's medical work include in his book "Al-shafa". Although they know about Avicenne's medical contributions, few realize that he was quite a mathematician. This Persian mathematician's contributions to mathematics (980-1037 A.D.) were significant. His work in arithmetic, algebra and geometry contains much mathematical content to enhance mathematics courses for undergraduate students. In this talk some of Avicene's mathematics will be examined, and suggestions for inclusion into college courses will be offered. (Received September 15, 2008)