SOCIAL CONDITIONS FOR SCIENTIFIC RESEARCH

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THE NATURE OF SCIENCE: PHILOSOPHY OF SCIENCE, THOMAS KUHN

SCIENCE AND NON – SCIENCE

DEMARCATION (KARL POPPER)
CULTURAL CONDITIONS

- FREEDOM FROM FEAR
- IDEOLOGICAL TOLERANCE
- CULTURAL TOLERANCE
- POLITICAL TOLERANCE
- INTELLECTUAL TOLERANCE
ECONOMIC CONDITIONS

- FREEDOM FROM WANT
- INDEPENDENT MEANS
- INSTITUTIONAL SUPPORT
- FUNDING FROM THE STATE, MILITARY, NGOS, CORPORATE SECTOR, THINK TANKS
PERSONAL CONDITIONS

- LEISURE
- SELF-RESPECT
  - LACK OF HIERARCHY (COLLEAGUES/PRIMUS INTER PARES)
  - DEMOCRATIC GOVERNANCE (CORPORATE STYLE, MILITARY STYLE & BUREAUCRATIC STYLES OF GOVERNANCE DO NOT ENCOURAGE ORIGINAL THINKING)
  - HIGH SOCIAL STATUS OF SCIENTISTS/ACADEMICS.
UNIVERSITIES AS IDEAL INSTITUTIONS FOR RESEARCH

- RECRUIT THE MOST COMPETENT AFTER ADEQUATE TESTING
- PROMOTE ON THE BASIS OF POINTS GAINED FROM RESEARCH/LECTURING (HOWEVER, THE HIGHEST ACADEMIC RANKS SHOULD BE RESERVED ONLY FOR EXCELLENT RESEARCH)
- GIVE FREEDOM AND RESPECT TO ACADEMICS & FUND THEM ADEQUATELY