

GLOBAL SCIENTIFIC CORPS

Zimbabwe Institutions' Perspective

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PERTINENT ZIMBABWE S&T INSTITUTIONS

- Research Council of Zimbabwe
- Zimbabwe Academy of Sciences
- National Council for Higher Education
- Zimbabwe Institution of Engineers
- Agricultural Research Council
- Medical Research Council
- 13 Universities + 5 degree awarding Polytechnics + 3 Technical Colleges
- 11 Teachers Colleges
- > 15 Research Institutes

VACANCY RATES

Universities 40%

- Some courses unable to run
- New courses not introduced
- Affects quality of teaching, research and outreach services
- Administration also suffering: Junior staff now holding Departmental and Faculty administrative posts

VACANCY RATES

Polytechnics and Technical Colleges >20%

- Same as for universities
- Some courses are not run and new ones not introduced

Areas most affected

Civil Engineering & Construction, Mechanical and Production engineering, Library and Information Science, Printing and graphics, Electrical Engineering, Automotive Engineering

VACANCY RATES

Teacher Training Colleges >25%

- Same as for universities and technical colleges
- Some courses not run and new ones not introduced
- Impact of vacancy rates more profound as this affects future generation of pupils in the entire education system

VACANCY RATES

Research Institutes ~50%

1. Junior research scientists in posts
2. No critical mass to effect significant impact of Science and Technology on socio-economic development
3. Discontinuities in research programmes
4. Stakeholder confidence low

BRAIN DRAIN ISSUES

- Greener pastures in industrialised countries
- Poor working conditions in local institutes
- Low remunerations and incentives
- Inadequate infrastructure

ROLE OF THE GSC FELLOWS

Provide expertise backup (not administrative leadership)

Fellow expected to have track record of research and/or management of S&T institutions

- Train postgraduate students
- Provide seniority in research institutes
- See through time-bound projects in research
- Training in formulating and writing projects proposals for funding
- Writing scientific papers for publications
- International collaborations

ROLE OF HOST INSTITUTION

- Office and living Accommodation
- Local travel expenses
- Easing bureaucratic processes
- Creating a pleasant and welcoming atmosphere
- Monitoring and evaluation of the programme of the Fellow.
- Liaison with the Partnership organs

THANK YOU