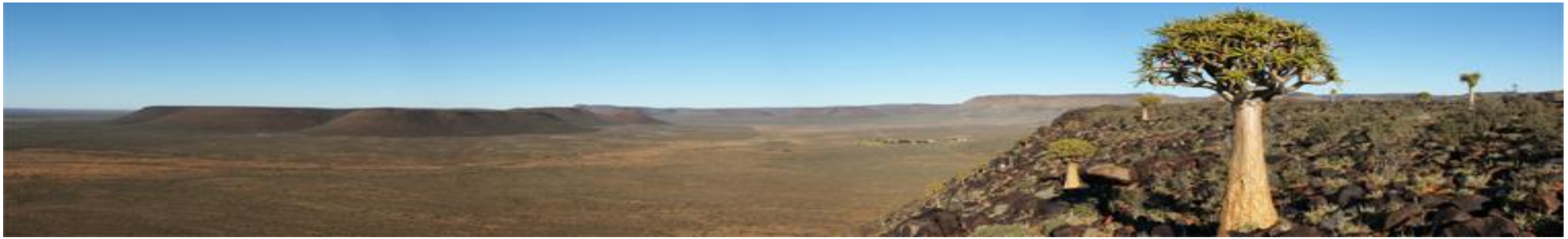
SKA SA

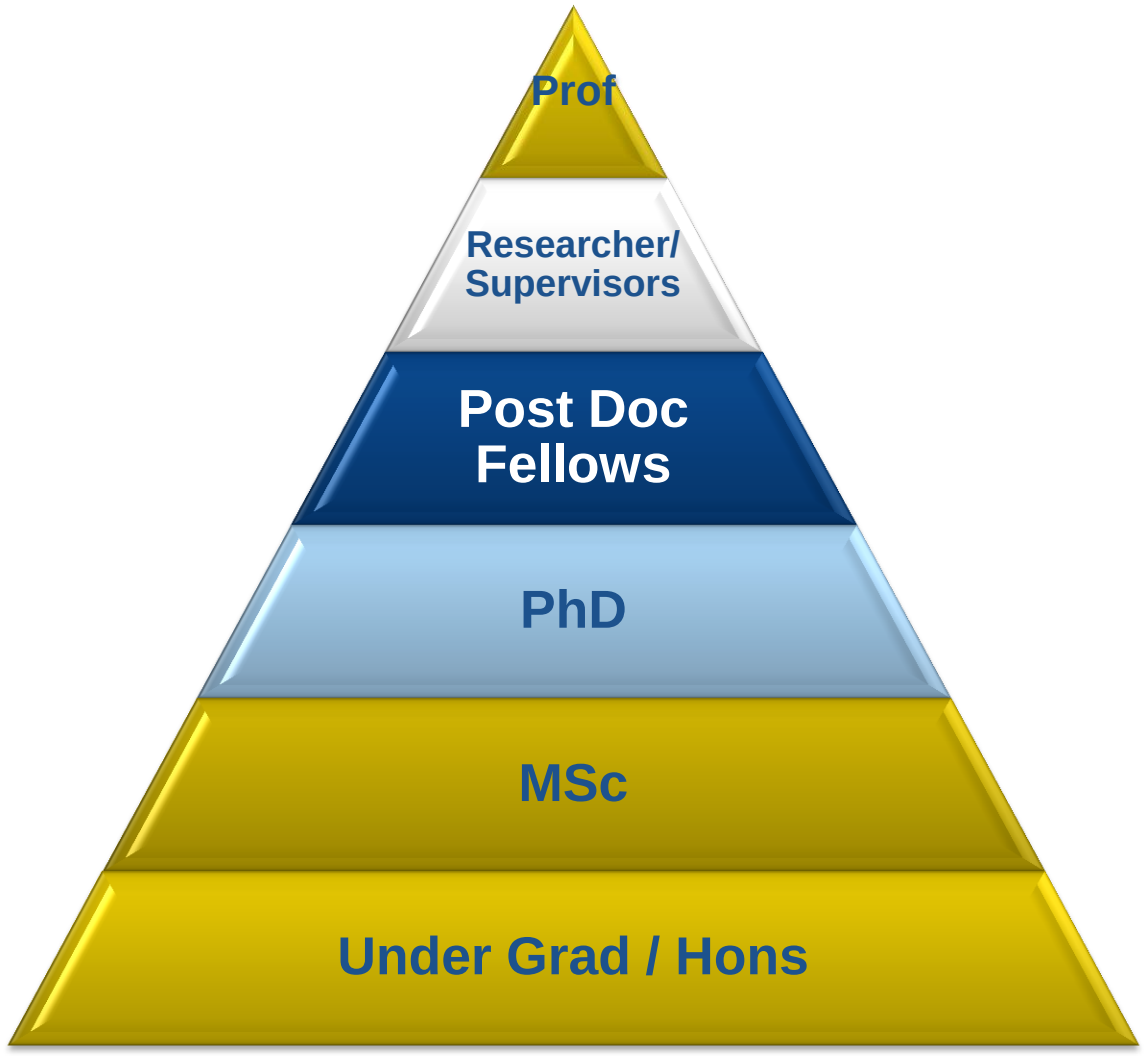
WHAT WORKED FOR US



SKA SOUTH AFRICA
SQUARE KILOMETRE ARRAY

science and technology
Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA

SUPPORT AT ALL LEVELS

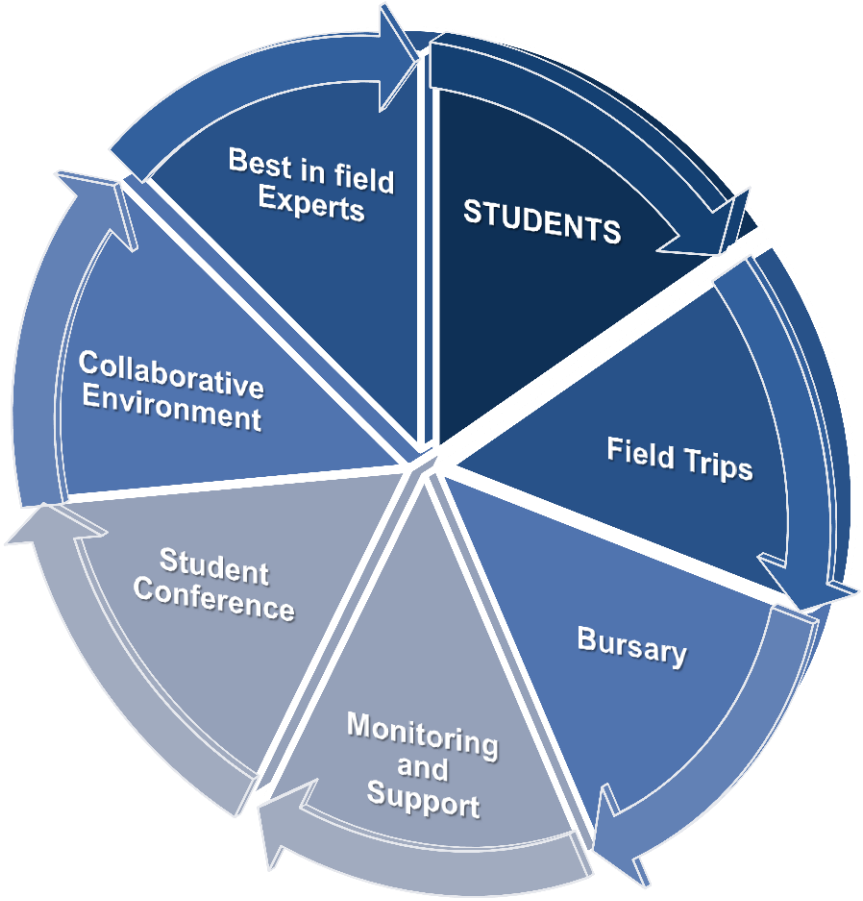


- Merging the need for capacity with required skills
- Building the Pipeline
- Study areas of science and engineer is exciting
- Focus areas not only applicable to SKA
- Provided funding – evolving model
  - Get programmes started
  - Know more about our needs
  - Management of fall out

OFFER COMPETITIVE SUPPORT

- We all compete for the same pool of candidates
- SKA bursaries compare favourably to big players in the industry such as Sasol, Billiton, Transnet, Eskom
- We believe that there is a fine line between deciding to go into the working sector vs. staying in the academic field
- Bursaries allow for those who want to stay in the academic field to be financially supported while advancing their studies and contributing to needed research for the SKA

BUILDING A COMMUNITY



- SKA in nature collaborative
- Collaborations vary from formal agreements to tearoom sharing sessions
- Track progress of students
- Provide information on study opportunities
- Student conferences where research are shares
- Field trips to SKA CT Office, Site and SALT
- Monitoring and Support
- Skilled and expert supervisors
- SKA the experts in the field

RELATIONSHIP WITH THE UNIVERSITIES

- The SKA instrument is being built to inform certain science and theories
- Academics choose study areas
- The skills required for SKA is research moving away from the theory towards the observational / practical. We want researches to use the data generate by the SKA instrument to test the theories or develop new positions on the information at hand.
- What is working for SKA
  - Roadshows with SKA value proposition
  - Universities approach SKA directing research in such a manner that it would address the needs of SKA
  - Need to have a CHAMPION in these universities that want to make it happened and will drive to process