1. How is RMAXTX stimulating or generating translational research?
   - Publications, presentations, patents, & grant proposals emerging investigators (PI & junior) & RMAXTX researchers (key members, mentors, HEALTH leaders in translational research)
   - Increase in translational research (from 11 to 14)

2. To what extent are potential and current investigators’ needs being met by RMAXTX?
   - Change in collaborations with pre/post interviews & emerging investigators; review the number of co-authorship on grant proposals; publications & presentations.

3. What new products, resources, knowledge, etc., has RMAXTX generated?
   - Changes in collaborations with pre/post interviews with emerging investigators; review the number of co-authorship on grant proposals, publications, & presentations.

4. How and to what extent has RMAXTX contributed to collaborations among researchers, institutions, and communities?
   - Pre/post interviews with emerging investigators to ascertain how their research has improved the health of targeted minorities in the community.

5. To what extent have health disparities in the community decreased because of RMAXTX?
   - Track the number of studies by emerging & RMAXTX investigators focusing on targeted minorities over time.

Specific Aims (related overarching questions in parenthesis)

Approach and Governance (1.2.4)
- Establish RMAXTX as lead C&T research infrastructure entity
- Engage C&T research development for investigators through MRE & CDP
- Establish key functions supporting & promoting multidisciplinary C&T research

Collaborations and Partnerships (1.2.4, 5)
- Develop collaborations & partnerships with universities & community-based investigators and organizations with focus on reducing health disparities
- Create a collaborative and administrative structure
- Develop the infrastructure for implementing & disseminating a teaching program for academic researchers to learn about community-engaged research in Hawaii

Community-Engaged Research (1.3.4.5)
- Establish ORCHid & administrative structure
- Develop the research environment that promotes translational & health disparities research and enables the networking of biomedical scientists
- Promote opportunities for investigators to enhance their knowledge and use of biomedical information; explore the roles of biomedical information on research

Multidisciplinary Research Education, Training and Career Development (2.3.4)
- Expand on existing masters and degree curricula
- Establish Community Based Research Training Advisory Program
- Provide career development activities
- Enhance collaboration with RTNN

Biomedical Informatics (1.2.3.4)
- Provide bioinformatics resources, tools and services for translational research
- Create a collaborative and administrative structure that promotes translational & health disparities research and enables the networking of biomedical scientists
- Promote opportunities for investigators to enhance their knowledge and use of biomedical information; explore the roles of biomedical information on research

Research Design and Biostatistics (1.2.3.4)
- Form a collaborative and administrative structure
- Ensure long-term sustainability of research capabilities by offering degree programs for investigators & introductory-level training for staff & community members

Participant/Cl nical Resources/PCRs (1.2.4, 5)
- Restructure & transform existing CRC and CDP to provide PCRs to support innovative research focused on HEALTH initiatives
- Facilitate participation in outpatient C&T research, especially by Hawaii’s underrepresented minorities

Regulatory Knowledge and Support (2)
- Centralize existing regulatory support services to serve RMAXTX investigators & interdisciplinary teams

Evaluation
- Build a multidisciplinary evaluation team
- Conduct formative evaluation & communicate findings to leadership for program improvement
- Develop web-based data collection & tracking systems
- Conduct summative evaluations

Outcomes
- Number of new researchers identified & developed with ORCHid assistance
- Description of community members involved; assistance provided
- Number of trainees identified and enrolled in courses or workshops during the year
- Increase in number of collaborative HEALTH projects
- Number of grant proposals submitted; number of papers, posters, and abstracts submitted
- Increase in number of publications, presentations, grant proposals & patents each year
- Increase in the number of studies focusing on targeted minority populations (Native Hawaiians & Pacific Islanders)
- Increase in collaborations among researchers, key function areas, & institutions
- Documentation of ORCHid activities, resources & products have been established
- Strategies to facilitate participation developed
- Community-engagement criteria established, distributed & applied
- Documentation that linked investigator database has been created
- Criteria for CER established, distributed, applied