

CTSA BREAKOUT SESSION

CTSA Education and Career
Development Key Function Committee Update

**REPORT TO CTSA STEERING
COMMITTEE**
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Education and Career Development Key Function Committee/SGC #2 Deliverables

Define core competencies that all clinicians and basic scientists should learn as part of their training experience in clinical and translational science.

1. Identify key career decision points, funding opportunities, and unique challenges facing physician-scientists.
2. Create a comprehensive catalogue of educational course work, training modules, and distance learning tools
3. Launch a web portal providing a consortium wide shared educational resource including course work, training modules, and distance learning tools.
4. Define best practices for training mentors; recognize their value in promoting careers in clinical and translational research.

CTSA Education: *Priority Areas*

- Promote team based, collaborative, interdisciplinary training and research that enhances the recruitment and retention of diverse faculty, transforming the next generation of biomedical faculty.
- Share and disseminate best practices for effective training and curriculum development and implementation.
- Define the life cycle of a clinician-scientist.
- Identify outcomes for trainees by defining tracking metrics and implementing evaluation tools.

Career Pathway(s)

Should training be focused on
Degree(s)?
Experience?
Perspectives?
Competencies?

Is what we are doing
currently working?
How do we know?

Should we
simply do
things better
or do better
things?

Pipeline

Training

Retention

K-R

and
other
hazard

s

A diverse
clinical
research
workforce
that is
making a
difference.

Why would MIG want to link to the CTSA?

- Leverage administrative infrastructure
- Shared culture of RECD
- Shared curricular resources including Biostat, RCR,
- Mentoring oversight
- So that the student scholars can see what successfully improving health care looks like – career pathways

Conclusion

One of many strategies toward sustainability

Why would CTSA want MIG?

- Curricular innovations
- Outcomes
 CTSA outcomes had a start in MIG
- Clinical investigators and clinicians like the contact with the scholars
- One link of many to the entire campus scientific community – promoting a culture of innovation

Conclusions

Scholar - trainees are a sustainable form of technology and information transfer and facilitate new teams across the entire campus, a primary goal of the CTSA.

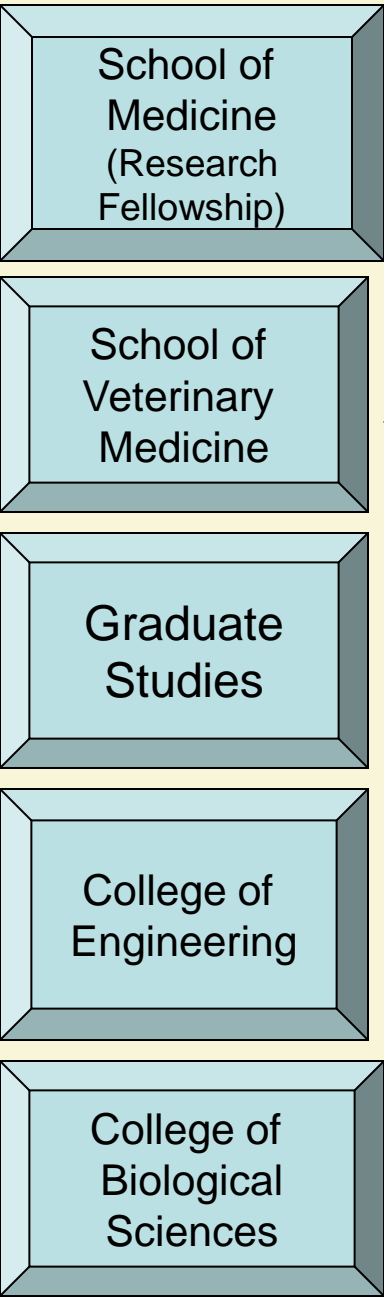
Why would CTSA not want MIG?

- Money
- Failure of CTSA leadership to embrace the culture of training at one of the earlier steps in the pipeline. Prefer post docs.
- Mixed competency levels
- Language and culture clash

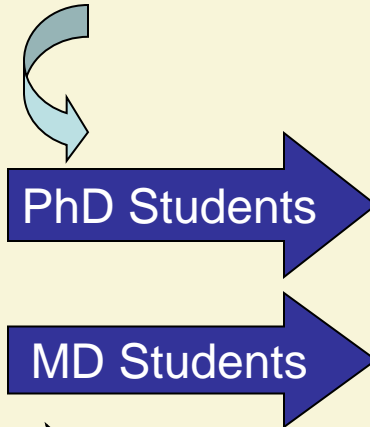
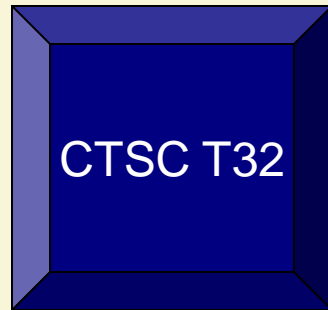
MIG-CTSA Interactions

- MIG students use core research facilities, resources, and databases funded by CTSA.
- CTSA provides some MIG student tuition and stipend support.
- MIG and CTSA students participate together in courses, seminars, workshops, and retreats.
- MIG students can apply for CTSA seed grants or fellowships.
- CTSA and MIG share faculty and administrative support.
- CTSA provides stipend support for patients presented in courses and partial teaching salaries for physicians.
- CTSA and MIG share program evaluation and student recruitment efforts.
- MIG students are encouraged to do lab rotations with clinical CTSA mentors.

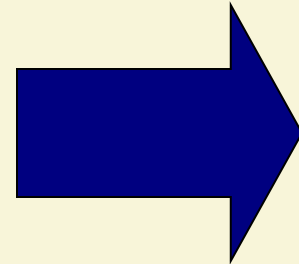
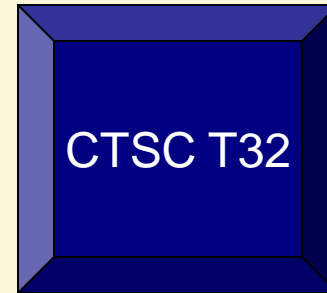
PARTNERS



Shared Programs



Common Training and Team Research Experiences



Food
Science

Epi

Nutritional
Biology

Neuroscience

Immunology

Psychology

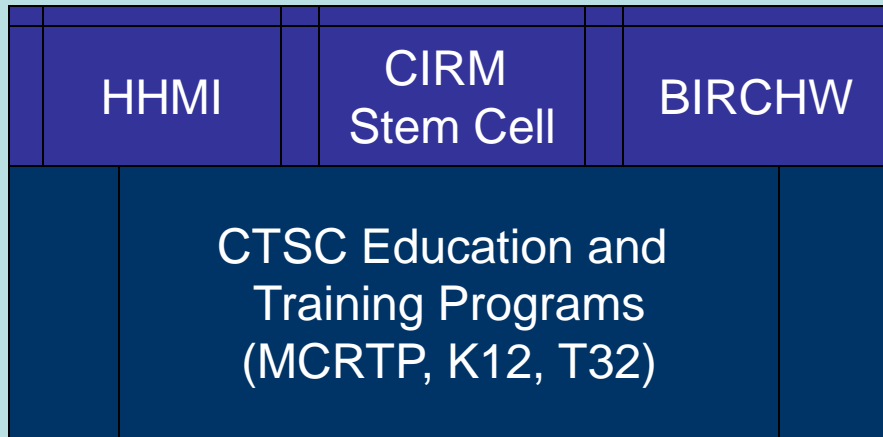
Pharm/
Tox

Integrative
Physiology

Biomed
Eng

Microbiology

Schools of Health Graduate Office
Graduate Groups: Clinical Research, Nursing,
Public Health, Health Informatics



Breakout Group Discussion Points

- Discuss the strategies that work and haven't worked.
- What are the challenges/solutions?
- How can we use resources from both HHMI and CTSAs to enhance the MIG programs?
- How can CTSAs help in the institutionalization of MIG programs?
- How can we further leverage the interaction of our MIG programs with the CTSAs on a national level?