

TL1 (T32 like) Program

- TL1 now includes **both** pre- *and* post-doctoral trainees
 - Predocs: med students, PhD and PharmD students
 - Postdocs: PhD, resident/fellows (physicians), PharmD residents
- Georgia CTSA TL1 scale up
(**n=12** from NIH +2 Emory match)
- 1-2 years of support for didactic and mentored CTR
 - MSCR or CPTR didactic training
- Stipend, tuition support, travel



Certificate Program in Translational Research

This innovative and rigorous program gives PhD students, postdocs, and junior faculty members at the Atlanta Clinical & Translational Science Institute (ACTSI)-partner institutions the expertise and experience to translate fundamental biomedical scientific discoveries into treatments that will benefit human health.



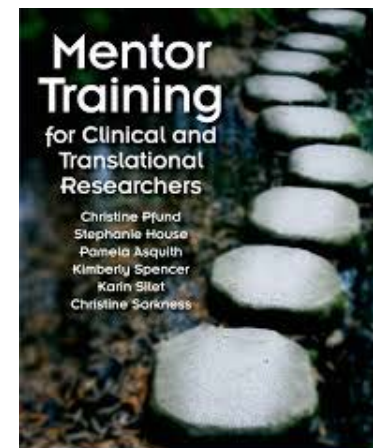
NIH-FUNDED CLINICAL AND TRANSLATIONAL SCIENCE AWARD
ATLANTA CLINICAL & TRANSLATIONAL SCIENCE INSTITUTE (ACTSI)

- Focus on PhD students and postdocs; also physician trainees including faculty

- 16 credit “official certificate”
- 3 unique CPTR courses:
 - Translation to Clinical Medicine
 - Biostatistics
 - Epidemiology
- Six MSCR courses part of CPTR curriculum:
 - Intro to CTR, Grant Writing, Ethics, Research Colloquium, Health Services Research, BD2K, Community Engagement

New Initiatives KL2, TL1, MSCR and CPTR

- ❑ Science of Team Science (SciTS) Training
- ❑ Mentorship Training (Sr. Faculty, K/junior faculty, trainees)
- ❑ I-Corps – entrepreneurship training
- ❑ BD2K in Clinical and Translational Research course (MSCR and CPTR)
- ❑ K ADVANCE (K to R conversion)
- ❑ Leadership Training



Emory University Courtesy Scholarship

- The Courtesy Scholarship is a grant that covers tuition exclusively (not textbooks, fees or other miscellaneous charges). It is made available to Emory employees and their family members who apply and are admitted for enrollment in academic programs at Emory University. The percentage of tuition covered depends on your years of service.

Source: <http://www.hr.emory.edu/eu/benefits/courtesyscholarship/description.html>

Recent Awards—MSCR, CPTR, KL2, TL1 Graduates

Name	Agency	Award	Amount
Cecilia Ethun	Conquer Cancer AHPBA	(Foundation)	\$1,500
		(Foundation)	\$5,000
Jennifer Felger (KL2)	NIH	R01	\$1.4 million
Kisha Holden (KL2-MSM)	Robert Wood Johnson		\$1 million
Sameer Halani (TL1)	American Brain Tumor Association	Med Student Fellowship	\$3,000
Frances Hu (TL1)	Society for Vascular Surgery		\$3,000
H. Hyacinth (CPTR)	NIH	R01	\$1.9 million
Cecile Lahiri (KL2)	NIH	K23	\$939,060
Colleen Kelley (KL2)	CDC		\$216,000
	NIH	R01	\$2.3 million
	NIH	R01	\$3.2 million
Jean Koff	Winship	Pilot	\$50,000
Lucas McKay (KL2)	NIH	K25	\$509,348



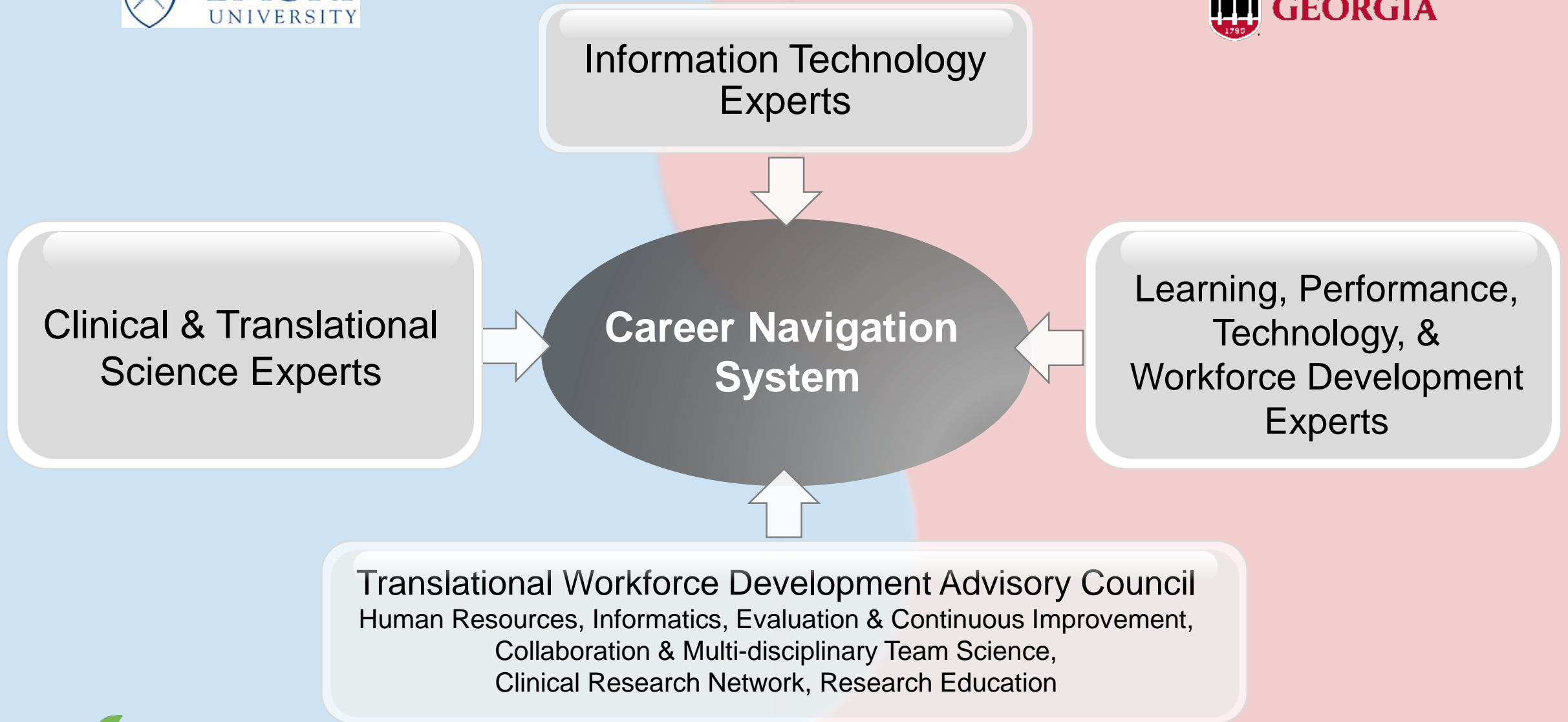
Recent Awards—MSCR, CPTR, KL2, TL1 Graduates

Name	Agency	Award	Amount
Igho Ofotokun (KL2)	NIH	R01	\$3.4 million
	NIH	P30	\$2.2 million
	NIH	K12	\$412,228
Rachel Patzer (KL2)	NIH	R01	\$2.2 million
	NIH	R01	\$1.2 million
Michael Quach (CPTR)	NIH	F31	\$130,728
Srikant Rangaraju	NIH	K08	\$943,260
Himalee Sabnis (KL2)	CURE Childhood Cancer Bristol Myers Squibb		\$199,663
			\$150,000
Elizabeth Stenger (KL2)	NIH	K23	\$751,248
Elizabeth Vaughan	AHRQ	R18	\$1.5 million
Aliza Wingo	NIH	R01	\$1.2 million
	NIH	R01	\$4 million
Michael Woodworth	ARLG /NIH NIAID	ARLG Fellowship	\$276,496
Steve Yarmoska (CPTR)	NIH	F30	\$245,220

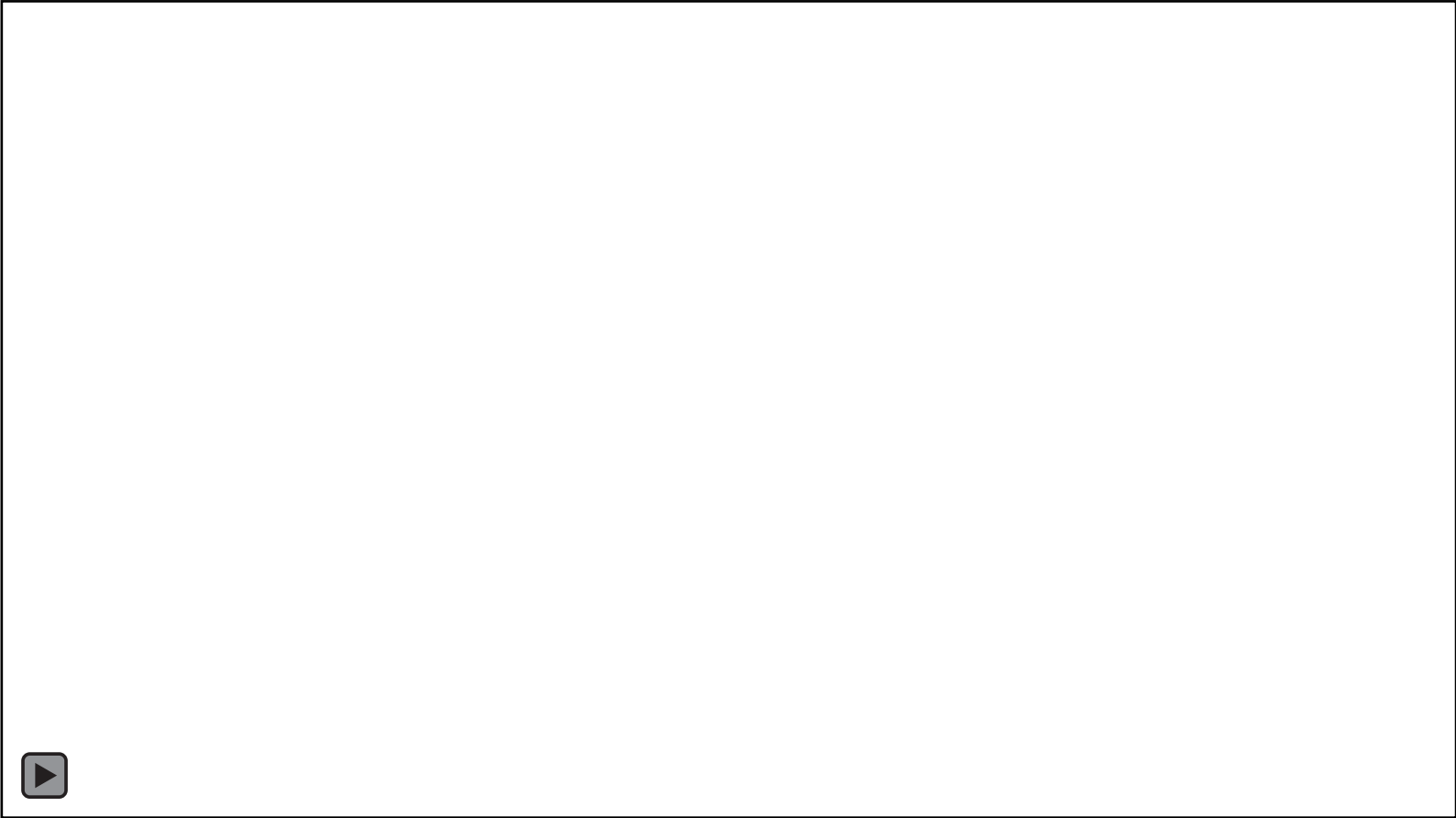


Translational Workforce Development (TWD)


- ❑ Education and support is needed for the entire clinical and translational research workforce, beyond formally trained faculty, trainees, and fellows.
- ❑ TWD will:
 - ❑ Develop new educational tools (e.g. database of competency based resources) that promote collaborations across our institutions, link training opportunities, and identify gaps in training or underutilized educational opportunities.
 - ❑ Seek ways to extend training and career development structures to the broader clinical research workforce.



Competency-based Career Navigation System



Weekly eNewsletter


 Georgia CTSA
Georgia Clinical & Translational Science Alliance

Georgia CTSA
Weekly eRoundup
February 23, 2018

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Feature



Georgia CTSA TL1 Trainee Receives 2017 American Brain Tumor Association Lucien Rubinstein Award

The American Brain Tumor Association (ABTA) awards Sameer H. Halani with the 2017 ABTA Lucien Rubinstein Award for his project, "Mechanisms of risk and disease progression in Isocitrate dehydrogenase mutant astrocytomas." Halani was one of five students in the country awarded the Medical Student Summer Fellowship from ABTA, for which he received \$3,000 to continue his brain tumor research. Halani was then selected as the winner of the ...

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Feature



Georgia CTSA Scholar Looks at the Long-term Complications of Ebola

Jessica Shantha, MD, assistant professor of ophthalmology, Emory University School of Medicine, is currently studying clinical research through Georgia Clinical & Translational Science Alliance's (Georgia CTSA) Master of Science in Clinical Research (MSCR) program and is also an Emory Building Interdisciplinary Research Careers in Women's Health (BIRCWH) scholar. Her work with Steven Yeh, MD, one of her mentors and the Louise M. Simpson, Professor ...


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Feature



Georgia CTSA Request for Community Grant Writing Academy Applicants-Due March 15

Georgia CTSA's Community Engagement program is soliciting proposals to support community-based organization's seeking to gain capacities in the development of grant proposals to fund research or other health initiatives designed to address community health priorities. The purpose of this CE Grant Writing Academy is to provide prospective participants with the knowledge and the skills to write a competitive research grant ...

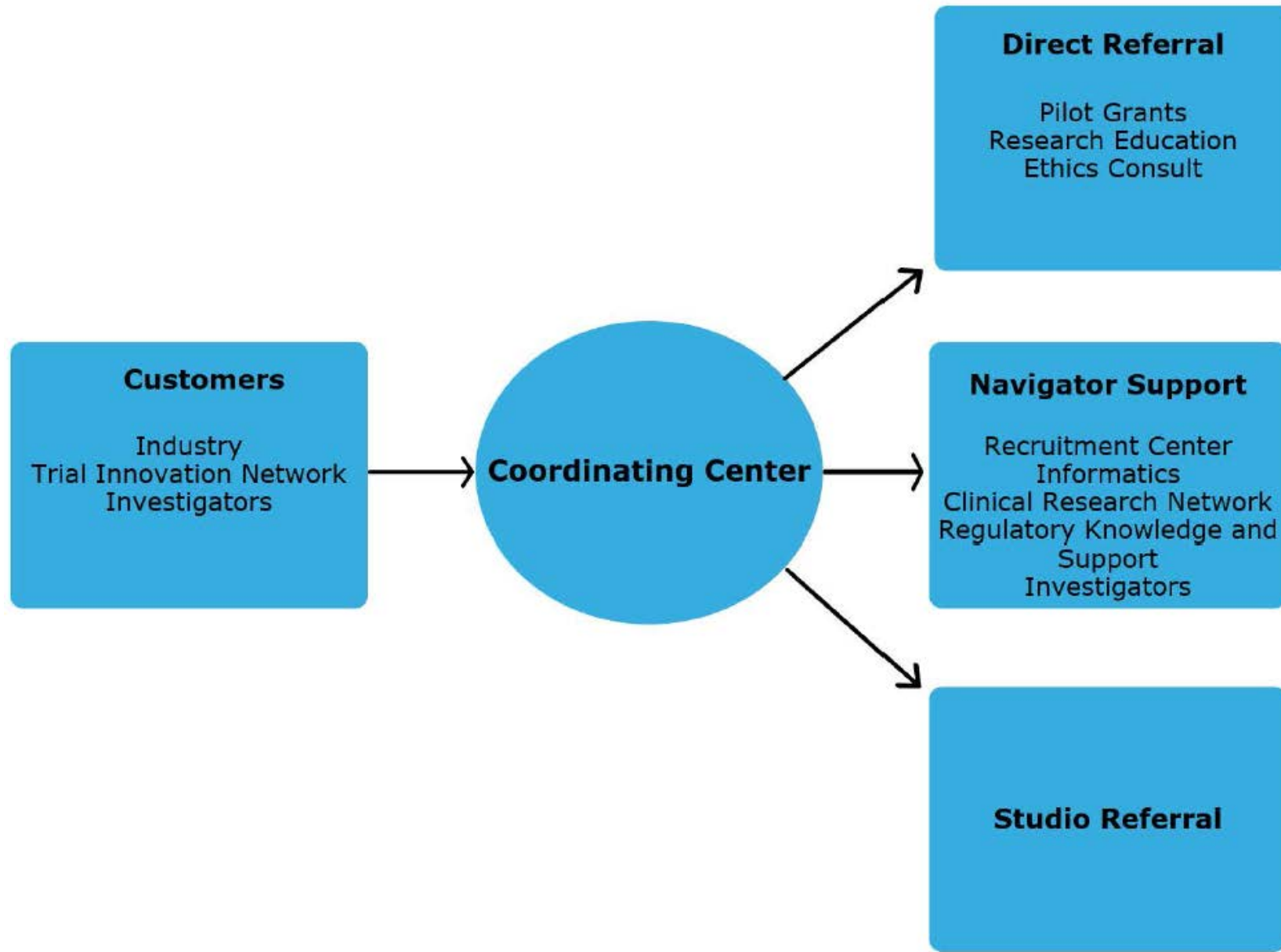
Where do I begin?



Georgia CTSA Coordinating Center

- Serves as the **front door** of the Georgia CTSA
- Provides **outstanding customer service**
- **Knowledgeable** about *all* clinical & translational services throughout Georgia and through the national CTSA consortium in order to provide direct referrals
- Facilitates **teamwork** across programs and institutions
- Assists customers with **navigators** when needed
- Schedules and facilitates **Studios** when needed

Coordinating Center Flowchart



Submit a Request

www.GeorgiaCTSA.org



Appendix Items

6. Clinical research support for adults and children

Clinical Research Support for Adults

- ❑ The Clinical Research Network (CRN) supports investigators to conduct clinical and translational studies for adults that advance the understanding, prevention and treatment of human disease
- ❑ Offers dedicated space and high quality research nursing, lab, bionutrition and exercise physiology, and study coordinator services at a subsidized cost
- ❑ Open to studies funded by any sponsor: federal agencies, industry sponsors, and foundations/associations or local institutions
- ❑ Serves investigators from all Georgia CTSA partner institutions.

CRN Units

Emory Clifton



Grady



Emory Midtown



UGA CTRU



MSM CRC



Clinical Research Site Resources

Inpatient and Outpatient Space

Nursing Services

- ❖ Study protocol review for nursing efficacy and safety
- ❖ Nursing assessment and evaluation
- ❖ Medication administration and participant teaching
- ❖ Early-phase and routine investigational drug infusions
- ❖ Assistance with and monitoring of invasive procedures
- ❖ Basic and pharmacokinetic blood sampling
- ❖ Routine and complex vital sign monitoring

Laboratory Services

- ❖ Sample processing to fit protocol needs
- ❖ Short- and long-term sample storage (4°C, -20°C, -80°C)
- ❖ Sample barcoding and tracking using sophisticated Laboratory Information Management Software (LIMS)
- ❖ Protocol planning, set-up, and initiation

Bionutrition & Exercise Physiology Services

- ❖ Research meal and diet preparation
- ❖ Protocol development
- ❖ Nutritional status assessment
- ❖ Dietary intake analysis
- ❖ Diet education and counseling
- ❖ Exercise treadmill testing – maximal or submaximal protocols
- ❖ Body composition analysis
 - ❖ Anthropometric measurements
 - ❖ Bioimpedance analysis
 - ❖ DEXA (dual-energy x-ray absorption)

CRN Stats

- Over 5,500 outpatient visits at all CRN sites in 2017 (over 10,000 outpatient hours)
- Approximately 2,700 visits at Emory and Grady sites alone (4,600 outpatient hours)
- Over 100 active studies currently at all sites
- Reviewing ~ 4-5 new protocols per month on average
- Educational Activity:
 - Phlebotomy training
 - Clinical Trials Awareness Series
 - Clinical Practice of Human Subjects Research Symposium
 - Nutrition and Honors Nursing Student rotations
- CRN Activity
 - Steady number of research visits at EUH and Grady
 - Record enrollment from UGA in 2017
 - Reopening EUH Midtown site

Clinical Research Support for Children

Kids aren't just little adults.

**Drugs approved
for adults may
not fit kids'
needs.**



Pediatric Clinical Research Facilities

Children's at Egleston Pediatric Research Center

- 4 outpatient and 4 inpatient rooms
- Core research lab
- Research pharmacy
- Bionutrition services



We combine research, top-notch care and compassion to offer exceptional care for children with multiple conditions.

Research Facilities at Other Sites

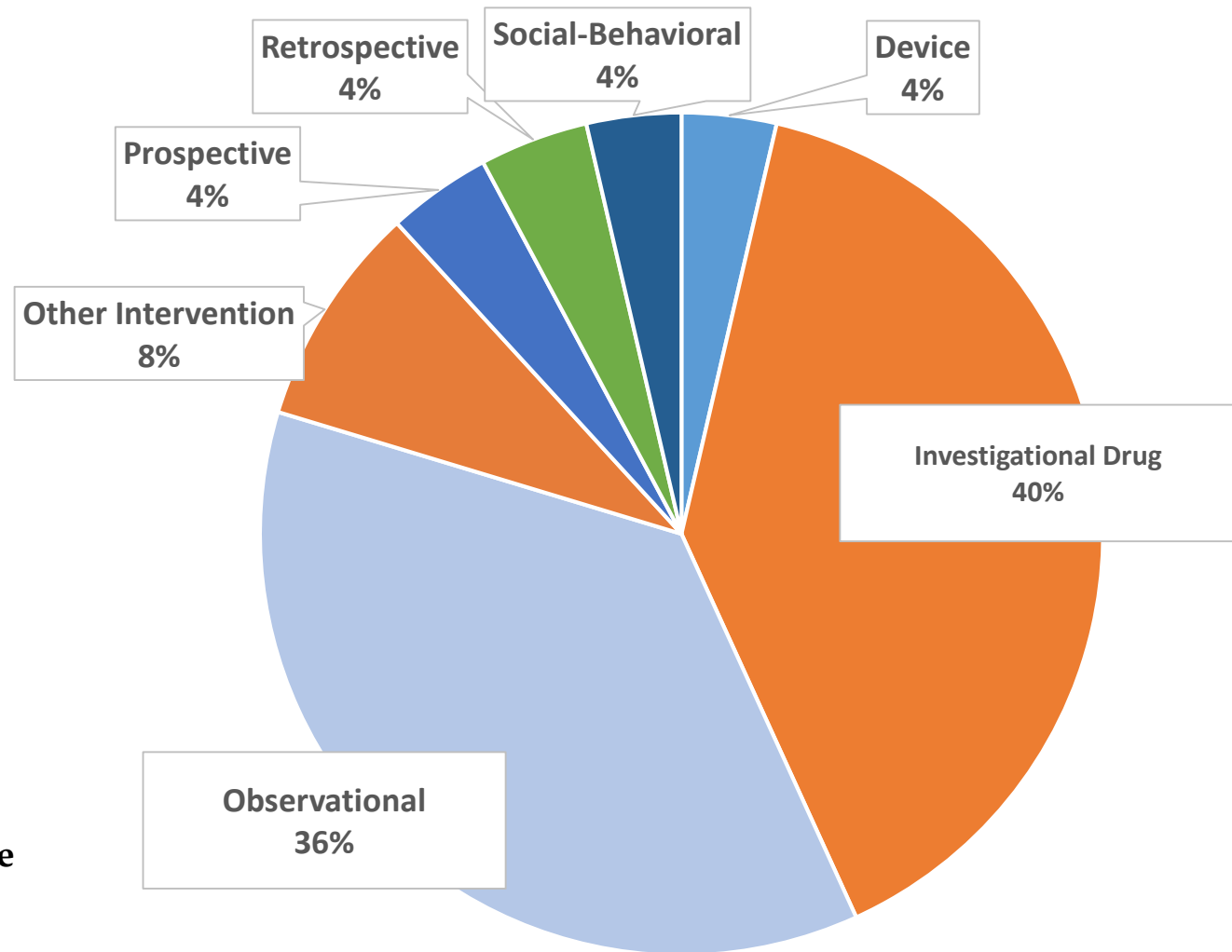
- ❑ Emory-Children's Center
- ❑ Children's at Scottish Rite
- ❑ Children's at Hughes Spalding
- ❑ Morehouse School of Medicine



Clinical Trials: Open studies (n=551)

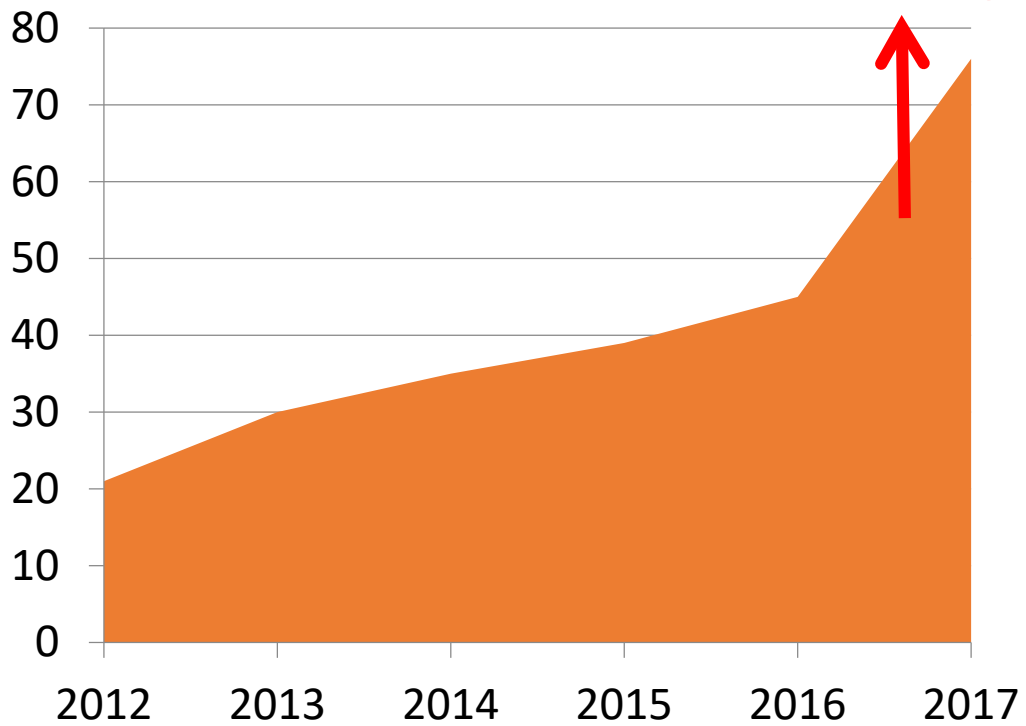
Primary Location	
Egleston	73.7%
Scottish Rite	20.0%
Marcus Autism Center	3.5%
Grady Ponce Clinic	0.9%
Emory Midtown	0.9%
Children's at N. Druid Hills	0.7%
Hughes Spalding	0.4%

Source: Children's RedCAP Database



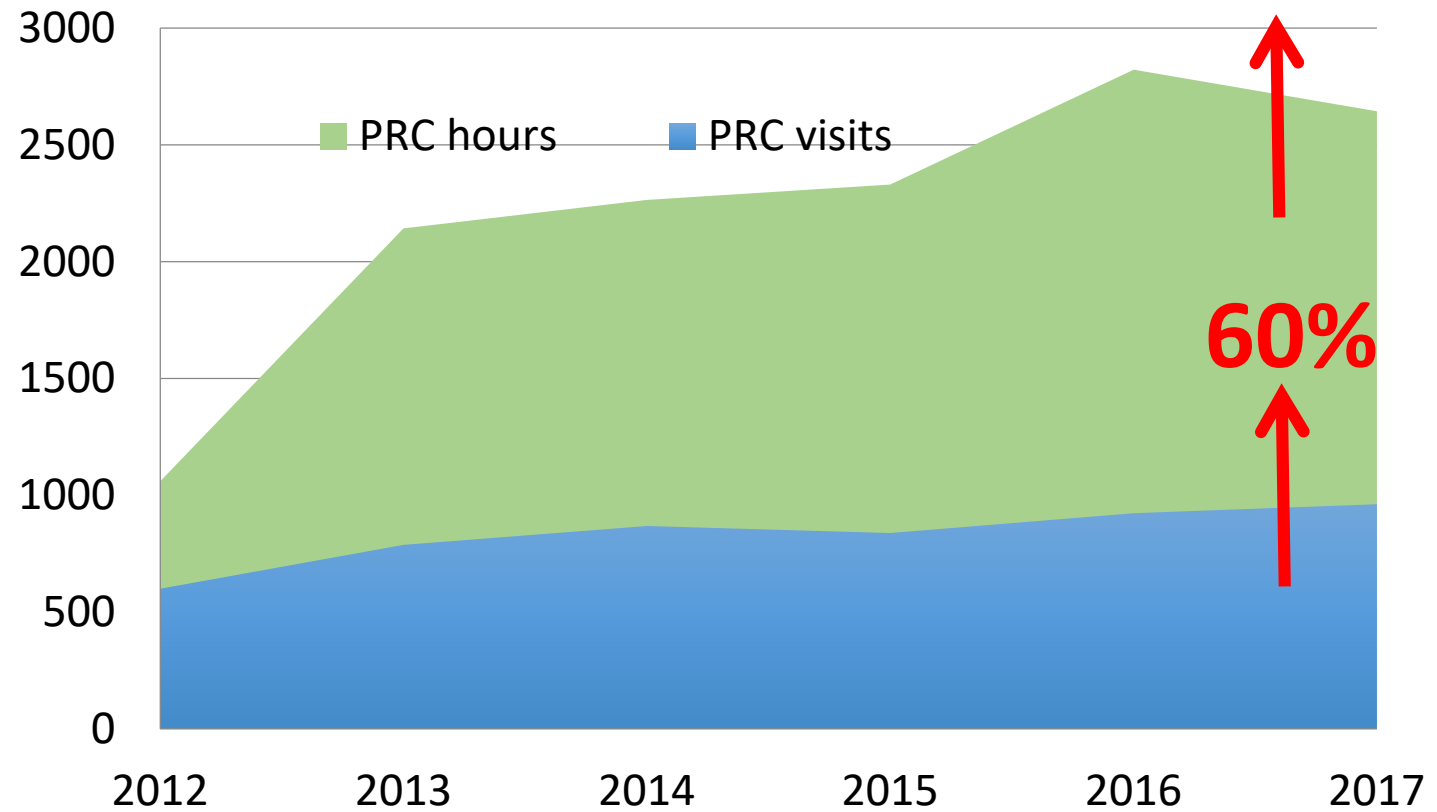
Explosive Pediatric Research Growth

Active Projects



362%

PRC Hours and Visits



250%

60%

Center for Advanced Pediatrics Opening Sept 2018

- ❑ First building of its kind for pediatrics in Georgia
- ❑ More than 100,000 ambulatory patient visits per year
- ❑ New research center with investigational pharmacy, laboratory, exam rooms



7. Assistance with multi-site clinical research



NETWORK PROPOSAL SUBMISSIONS

# of institutions	# of therapeutic areas
43	35

CIRB

# of sites	# of studies awarded
208	29

STANDARD AGREEMENT (in FDP-CTSA)

# of sites	# of studies awarded
73	6

INVESTIGATORS



Hear from us within 5 business days.

TRIAL INNOVATION NETWORK

Operational innovation, excellence,
and collaboration.

The Trial Innovation Network continues to accept new proposals! Click the button below to get started.

[Get Started now!](#)



total
proposals
submitted

WELCOME!

The Trial Innovation Network is a collaborative national network that focuses on operational **innovation, excellence and collaboration** and will leverage the expertise and resources of the CTSA Program.

[NETWORK LOGIN](#)

8. Community engagement and partnership including recruitment and integrating special populations

- Advance community-engaged clinical and translational research for **broad dissemination** and **adoption**
- **Recruitment** consultation, recruitment research, and facilitation of recruitment with multi-site clinical research
- Improve **health equity** by including rural populations, pediatrics, underserved populations, and geriatrics in research

How can we serve you? - 3 Tiers of Community Engagement (CE) Support

- Capacity building workshops, bi-annual forum, small grants awarded to both academic and community leads and 3-tiers of CE CTR Support

Tier 1: Presentation to CE Steering Board-concept presentation & bi-monthly

Tier 2: Community Engaged Research Committee – project-specific & quarterly

Tier 3: Formal CE Faculty/Community Partnership – project specific

Recruitment Center

- Specific Aim 1 - Serve as a comprehensive **resource for investigators and study teams** and drive innovative efforts
- Specific Aim 2 - Conduct high-impact **research on recruitment** that is broadly relevant
- Specific Aim 3 - Help to develop innovative approaches to recruitment for **CTSA Trial Innovation Network** studies

Integrating Special Populations (ISP)

- The goal of ISP is to further advance health equity by efficiently and inclusively extending research testing and discovery to all populations in Georgia. Four special populations are a priority: pediatrics, geriatrics, underserved, and in particular, rural populations.
 - In the first year we will focus on assessing the health needs and challenges of our new customers in rural Georgia and informing high-level leadership of the CTSA and statewide health stakeholders (e.g. legislators) in their strategic initiatives and priority setting with regard to integrating all Georgia populations into CTR.
 - In the future, we will utilize these findings to provide consultations and resources to the CTSA programs, individual investigators, and other organizations. All of Georgia will be customers