CTSA Search Solutions ([Search CTSA Hubs - CTSA Search Solutions (rutgers.edu)](https://ctsa-search.rutgers.edu))

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Introduction

Research into website content of CTSA hubs has been active since 2008. Studies that investigate CTSA website data are published to inform on CTSA practices as a consortium. Commentaries report on how CTSA websites disseminate translational science tool offerings.
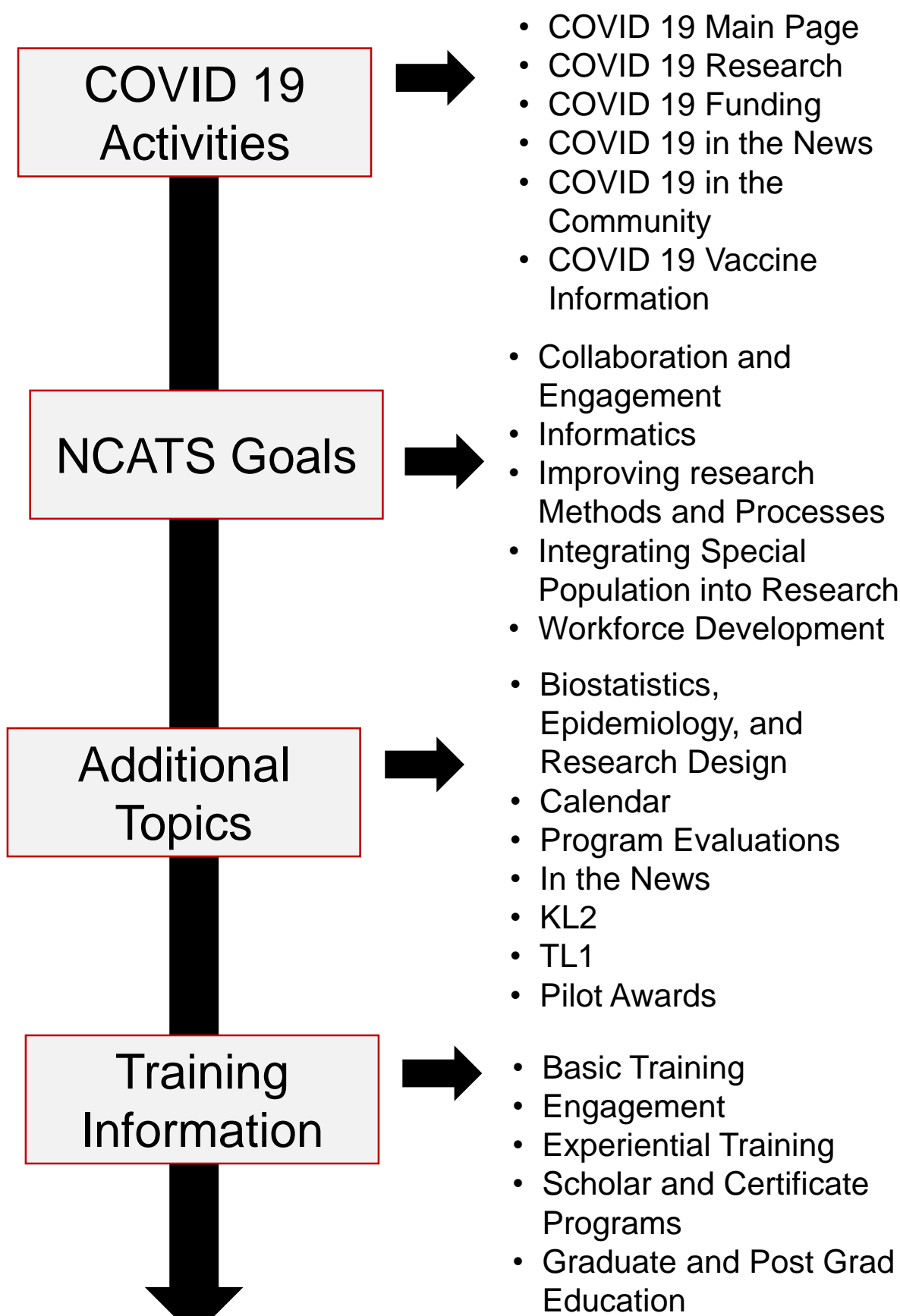
Continued investigation into the CTSA website content, usability, accessibility, organization, and functionality would lead to improved research and understanding of NCATS / CTSA contributions and successes.

CTSA Search Solutions was funded by **NJ ACTS** to design and build a search engine that allows users to conduct structured searches among the 60+ CTSA hub websites for information related to common cores and CTSA hub activities. This initiative identifies common goals, initiatives, and trending topics among the CTSA hubs and develops search strategies related to these themes.
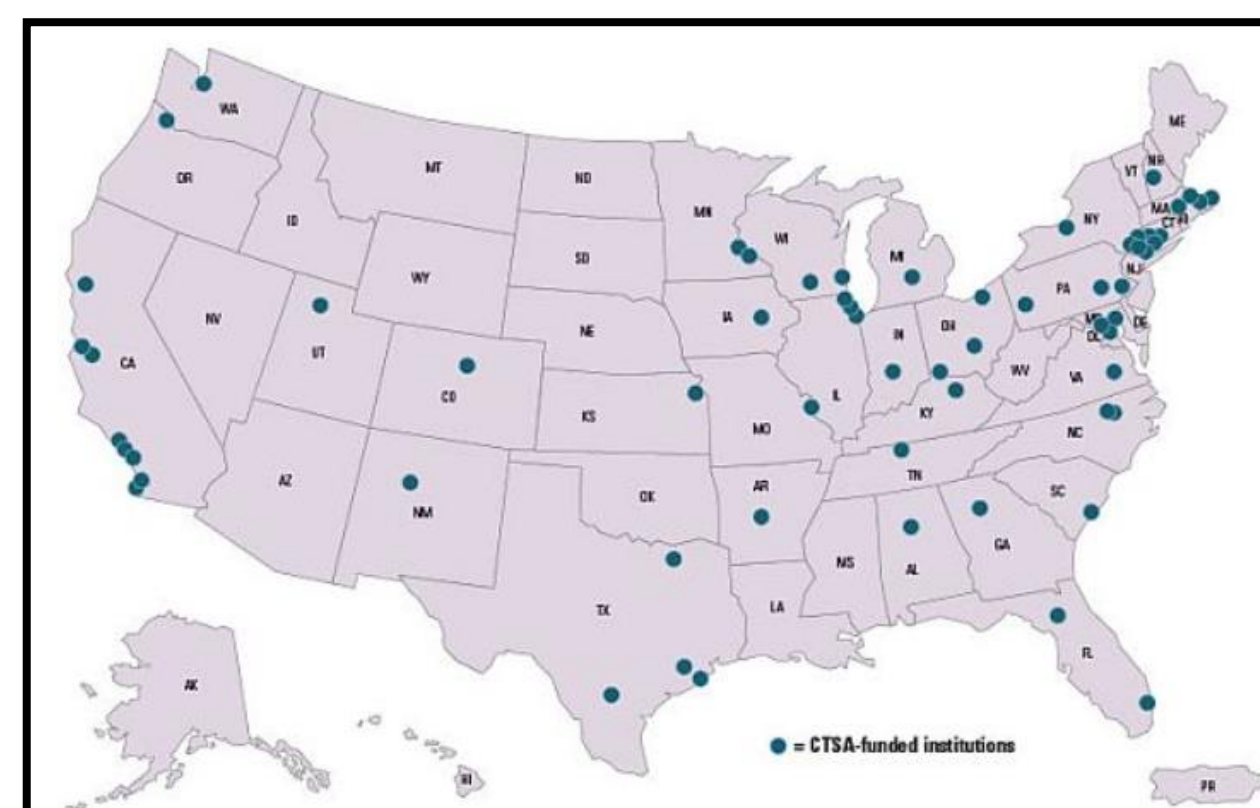
Methods

1. Identify key Categories for CTSA activity
2. Identify relevant Search Terms (filters) for CTSA activity
3. Create hierarchy of Search Terms into identified categories
4. Systematically search each CTSA hub for content related to each of the identified terms and categories.
   1. Pull list of CTSA Awardees from NIH Reporter
   2. Internet Search of each home page for Awardees
   3. Manually scrub each Awardee website for each of the identified terms
   4. Collect Uniform resource locator (URL) for identified content and store in excel sheet
   5. Build out website with search filters to identify the research content explored
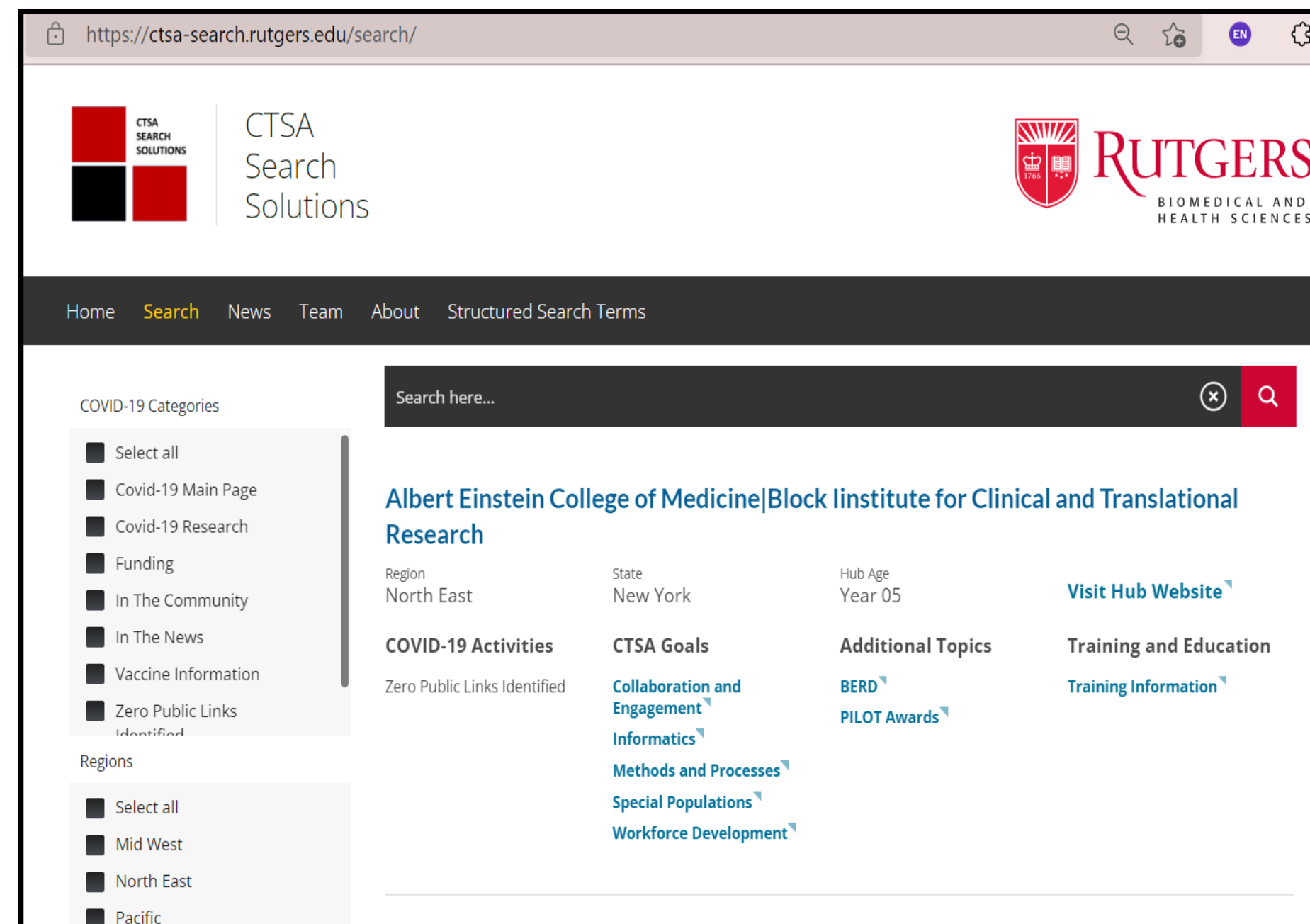6. Validate
7. Test

Overview of Structured Search Terms

COVID 19 Activities
- COVID 19 Main Page
- COVID 19 Research
- COVID 19 Funding
- COVID 19 in the News
- COVID 19 in the Community
- COVID 19 Vaccine Information

NCATS Goals
- Collaboration and Engagement
- Informatics
- Improving research Methods and Processes
- Integrating Special Population into Research
- Workforce Development

Additional Topics
- Biostatistics, Epidemiology, and Research Design
- Calendar
- Program Evaluations
- In the News
- KL2
- TL1
- Pilot Awards

Training Information
- Basic Training
- Engagement
- Experiential Training
- Scholar and Certificate Programs
- Graduate and Post Grad Education

Other Filters Include

Hub Age, States, and Regions

= CTSA-funded institutions

Searching CTSA By the Numbers

Overview of Structured Search Terms

FINAL Product

1100+ Links

80+ Structured Search Terms

60+ CTSA Hubs

Future Research Questions

CTSA Program Hub Evaluator	What metrics are CTSA hubs in their first cycle highlighting on their website compared to those in their 3rd Cycle?
Local CTSA Workforce Development Core lead	What training and education opportunities are other CTSA hubs publishing on their website?
Researcher	What types of "front facing" community outreach is the CTSA Community doing for the COVID 19 Pandemic?

Discussion

The CTSA Search Solutions tool implements these terms and strategies into a database that allows researchers, administrators, evaluators, and community partners to learn about program highlights, as well as conduct research into program hub outputs and best practices across the nationwide CTSA continuum.

Acknowledgments

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NJIT New Jersey Institute of Technology

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