

Research Centers of Excellence

Principal Investigator Application

Instructions: Complete the application to be considered for a Spectrum Health Research Center of Excellence. Send completed form and CV to [Inta Mednis](#).

Name: _____

Title: _____

Affiliation: _____

Email address: _____

Phone number: _____

Select the Research Center of Excellence of interest:

- Genomics/Precision Medicine** advances clinical research through genomic tools, individual genetics and data science, which are harnessed to customize treatment in patients and promote health. Areas of focus include, but not limited to, rare disease, cystic fibrosis, genetics, congenital heart, neuromuscular, drug discovery/pharmacogenetics, transplant, and healthy lifestyles.
- Technology in Health Care** advances innovative technological approaches to improve how we understand and treat disease in our community. Areas of focus include, but not limited to, innovative devices and implementation in congenital heart, neurovascular, imaging, virtual/augmented reality, tele-stenting, artificial intelligence, clinical decision support tools and imaging techniques.
- Cognitive & Behavioral Science** advances clinical and translational research by understanding the fundamental mechanisms behind health and disease in the human brain to develop therapies and promote mental health. Areas of focus include, but not limited to, neurovascular/stroke, traumatic brain injury, movement disorder, epilepsy, Parkinson's, Alzheimer's, opioid abuse, addiction and depression/suicide. – *COE currently in development*
- Infection & Immunology** advances clinical and translational research by better understanding, treating and preventing infectious, immunologic, and allergic diseases in the communities we serve. Areas of focus include, but not limited to, COVID-19/influenza, influenza/vaccines, impact on brain due to COVID-19, allergy, inflammatory bowel disease and rheumatoid arthritis. – *COE currently in development*

Questions

1. What research are you currently involved in?
2. Do you have current or future investigator-initiated research that aligns with the identified COE?
3. As a COE matures, support, commitment and research results will impact its success. How will you commit to the development of the identified COE as an advocate and partner?

Guidelines and Accountability

Any PI who is part of a designated COE must be able to support the following:

- PI attendance for COE advisory meetings
- Ability to create a synergistic collaborative research “brain trust”
- PI portfolio review (publications, presentations, etc.)
- Engagement with residents, fellows and Michigan State University medical students during projects
- Vetting of all research projects/trials within clinical service line vetting committee (or other)
- Interdisciplinary approach to all projects
- Investigator-initiated projects must be relevant to COE
- PI must have a plan to publish/present/apply for future external funding on COE research
- Support Alliance grant process as a content expert reviewer
- PI will work collaboratively with department senior academic advisor to further support service line research initiatives

By signing, you commit to the guidelines and accountability.

Signature: _____

Date: _____