

At Kennedy Krieger Institute, we're focused on developing life-saving treatments to help children with disorders of the brain, spinal cord and musculoskeletal system achieve their full potential. Our researchers are relentless innovators dedicated to improving children's lives. Here's a look at some compelling statistics about the children we serve and the Institute's progress toward helping them.



Lifetime care for those with developmental disabilities increases by **\$60 BILLION EACH YEAR.**

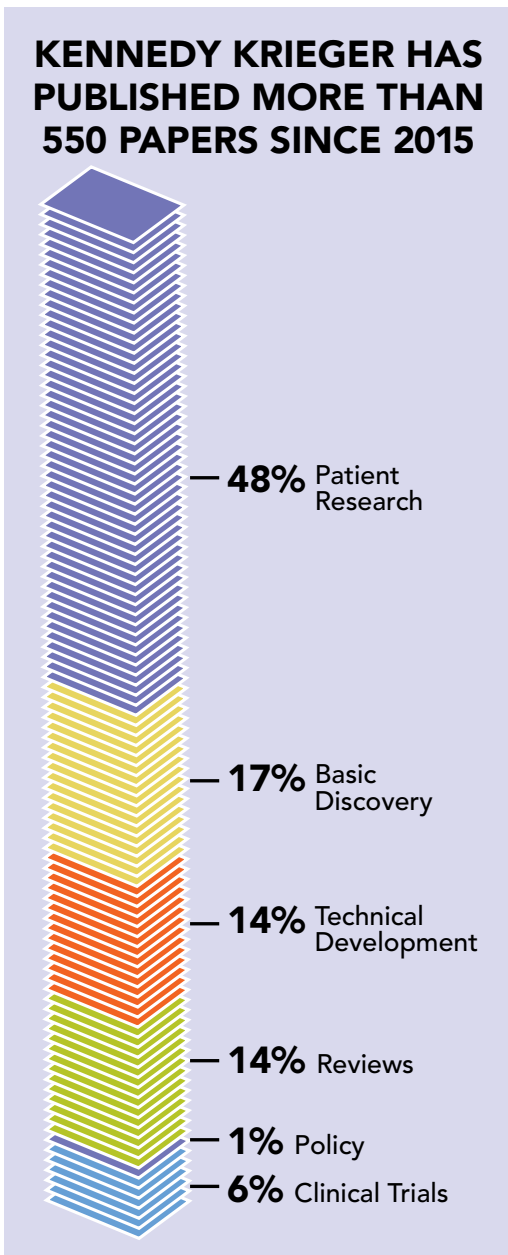
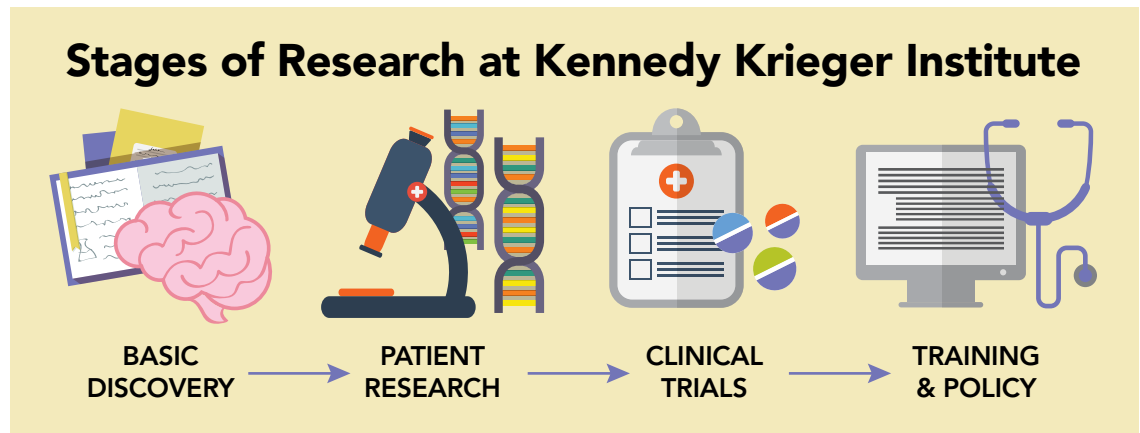
Infants and children are understudied in current clinical research trials—**fewer than 30%** of clinical trials for brain disorders involve infants and children.

### The Kennedy Krieger Research "Engine"

- 140+ FACULTY** from basic scientists to clinical experts
- 200+ ACTIVE GRANTS**
- STUDIES**
  - 80% HUMAN
  - 20% ANIMAL

We're moving to define disorders according to their **BIOSIGNATURES** rather than their signs or symptoms, allowing for precision medicine testing and measurements.

**THIS OFFERS EXCITING NEW RESEARCH OPPORTUNITIES TO POTENTIALLY ARREST DEBILITATING CONDITIONS LIKE AUTISM, ADHD AND CEREBRAL PALSY.**



**24,000** UNIQUE PATIENTS & THEIR FAMILIES

**NIH** SPECIALIZED NIH-FUNDED CENTERS AND CORES

- NEUROIMAGING \$9M
- INTELLECTUAL DISABILITIES \$6M
- CHILD NEUROLOGY RESEARCH TRAINING CENTER GRANT \$15M

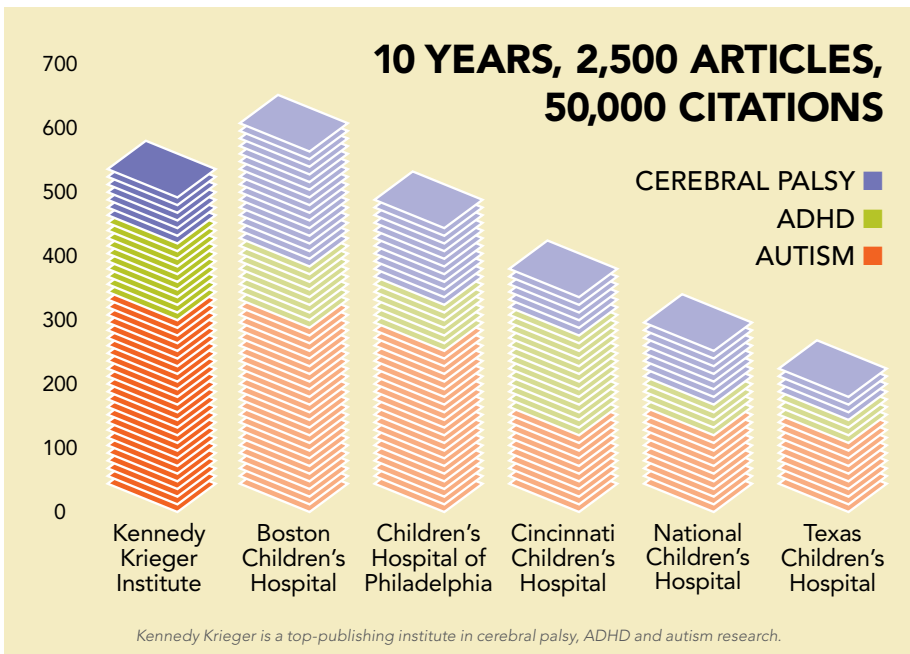
**IAN** interactive autism network

**21,000** INDIVIDUALS

**500** STUDIES (PCORI, Simons)

**We have a track record of important discoveries, including:**

- Discovery of Sturge-Weber gene
- Development of life-saving newborn ALD test
- Development of tests and assessments to diagnose autism in children as young as 6 months old



**In the next decade, we look to treat the causes of children's brain disorders, instead of just the symptoms.**

cerebral palsy  
 learning disorders  
 intellectual disabilities  
 concussion  
 autism  
 traumatic brain injury  
 dyslexia  
 rare ADHD diseases

**Your support for our research programs, and for the application—in the clinic—of our discoveries in the lab, helps children and families from around the world and is critical to our success.**