



NCE SUMMER
LEADERSHIP
INSTITUTE

July 22-24, 2019 | Charleston, South Carolina

Developing New Models of Service Delivery

Patrick H. Dollard – President and CEO
The Center for Discovery, Inc.



NCE

SUMMER
LEADERSHIP
INSTITUTE



LEADING THROUGH TIMES OF SOCIAL AND CIVIL CHANGE

**GENERAL FACTS
ABOUT
THE CENTER FOR
DISCOVERY**

THE
CENTER FOR
DISCOVERY

Staff Growth:

25

Employees in 1980

1700

in 2019

1200

Total Children and Adults
Served Annually

Number of Professional
and Clinical Staff

500

150

School Districts Served Across NYS

1500

Acres in Sullivan County, NY

500

Opportunity Zone Acres

21

Number of Trademarks
(Registered & Pending)

Number of Meals Provided per Day:

1900

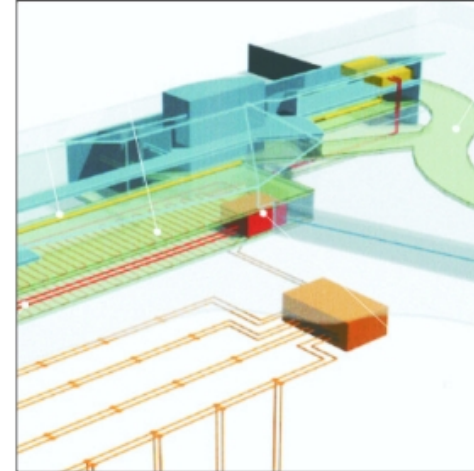
Five Year Economic Impact:

\$1 Billion

in economic impact for the state
of New York from 2011-2016

LEADING THE WAY WITH GREEN BUILDINGS

THE
CENTER FOR
DISCOVERY



The Center has a longstanding commitment to sustainable development, green building, and environmentally responsible practices. The Center has invested in green technologies including photovoltaic panels, geothermal heating/cooling, and the purchase of energy that is generated through wind turbines throughout its campus sites. The Center has also developed highly advanced buildings that are Leadership in Energy and Environmental Design (LEED) certified through the U.S. Green Building Council.



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DEPARTMENT OF
NOURISHMENT ARTS

SEED TO BELLY

FOOD IS MEDICINE™



Our Department of Nourishment Arts® offers a groundbreaking and unique approach to providing all individuals served by The Center with a whole foods experience based upon our philosophy that Food is Medicine®.

We bring together farmers, chefs, and nutritionists to ensure the food we provide, and its nutrition values, are maximized at every point along the food chain.

Our 300-acre organic and biodynamic Thanksgiving Farm offers unique vocational opportunities for participants while providing wholesome and nutritious food for The Center's residents and staff.



LEADING THROUGH TIMES OF SOCIAL AND CIVIL CHANGE



INCLUSIVE AND HEALTHY COMMUNITY MODEL

Small Town, Big Ideas

The Center's Healthy Community Model, located in the hamlet of Hurleyville, NY is a comprehensive effort to reimagine what it means to be a fully inclusive and sustainable community.

Throughout the last decade, The Center has developed major partnerships with local government, the Open Space Institute, the State University of New York educational system, as well as a number of individuals and private foundations to transform the economically depressed hamlet of Hurleyville into a viable, fully integrated Main Street that includes new business ventures and job opportunities.

Accessible to everyone, the Hurleyville model is paving the way for all individuals to lead healthy, sustainable and productive lives. **A truly healthy community.**



indieGo

Everyone has the *right to move*.

Google™.org

The Center has created an organizational culture that values innovation and one that has spawned the development of commercial products such as indieGo - a universal power wheelchair device that was awarded a \$1.125 million grant from Google.org and is now market ready.





THE CHILDREN'S ASSESSMENT HOSPITAL AND RESEARCH INSTITUTE

AT THE CENTER FOR DISCOVERY

The Research Institute features integrated, bio-behavioral and environmental laboratories and incubators, and a dynamic “sandbox” equipped with an array of sensors, changeable lighting, temperature controls, furniture and other advanced features. In addition to these integrated laboratories and incubators, the Research Institute includes professional space to support related activities, including project administration, academic collaboration, and dissemination efforts such as peer-reviewed and other publications. The facility is ideal for hosting lectures and regional conferences, helping to solidify New York State and nation as a premier research destination for complex conditions.



SELECT STUDIES AT TCFD

- Longitudinal analysis of stress and its impact using advanced sensor technology and synched video/audio streams
- The microbiome-gut-brain axis, including microbiome/metabolome profiles in complex autism
- New housing designs and advanced technologies for complex populations
- Simulation and field research on environmental and lifestyle factors and their effects on functioning and health
- Cannabis-derived medicine for treatment resistant epilepsy, anxiety disorders, and autism
- Virtual & mixed reality to increase academic and social-emotional regulation in individuals with complex conditions
- Data correlations and analytics using biological, behavioral, and environmental data streams



NATIONWIDE RESEARCH COLLABORATIONS

Utilizing our own expertise and massive longitudinal dataset, we partner with researchers and scientists from Harvard University, Georgia Institute of Technology, Emory University, Columbia University, NYU, SUNY, CUBRC, Inc., and others to undertake pioneering studies designed to improve and empirically-validate a variety of supports for individuals with complex developmental disabilities.