# BRAINSCANOLOGY, INC

An Objective Diagnosis, and Risk Prediction, of Common Brain Diseases Delivered in 24 Hours.

ALZHEIMER'S DISEASE, BIPOLAR DISORDER, AUTISM, ADHD, SCHIZOPHRENIA

#### The Problem for Patients

Where to Get a Diagnosis?

No objective method for early detection.

No way for annual preventive tracking.

#### **The Problem for Health Providers**

Treating Brain
Disorders
Costs More
Than
Prevention

The Imaging & Diagnostic Pipeline is Fragmented

Diagnostic
Wait Times
Delay
Treatment
Plans

# BrainScanology, Inc

More Accurate Diagnosis

**Faster Diagnosis** 

**Annual Preventive Tracking** 

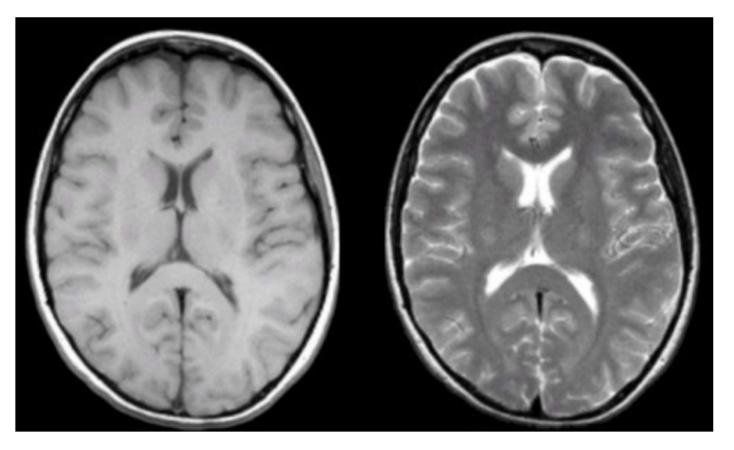


Alzheimer's Disease, Bipolar Disorder, Autism, ADHD, Schizophrenia

### We Will Disrupt How MRIs Are Analyzed

The legacy approach measures area and volume.

BrainScanology measures *shape*, not just area and volume.



Alzheimer's Disease, Bipolar Disorder, Autism, ADHD, Schizophrenia

Annual
Tracking of
Disease
Progression

Early Detection

Reduce Diagnostic Uncertainty

# Why BrainScanology?

40x Shorter
Diagnostic
Times

Prevention is the Cure

New
Subtypes of
Brain
Diseases

Aging Population

Family of Patients w/ Alzheimer's

Children
With
Learning
Disabilities

# Who Will Benefit?

Family
History of
Dementia

Chronic
Depression
Patients

Manic Patients

# \$25 Billion Market Size in USA

**Bipolar ADHD** MRIs/Year Disorder 6.1M 5.8M 38M Children cases/year **Autism** Schizophrenia Alzheimer's 1 in 54 3.5M 5M Children

# **Market Traction**

Hospitals & Healthcare Providers Will Partner With Us...

Early Diagnosis of Dementia/AD

Can Save

\$11 Billion

Our Mobile Tech
Streamlines The
Current
Fractured
Diagnosis Process

### **Business Model**

#### BrainScanology, Inc.

B2B: We Offer Our Service at a Discounted Price



B2C: Service to Individuals

#### Health Providers







# **University Hospitals**







#### **Employers**

Employee Benefits
Pay for
Preventive Measures

#### **Individuals**

Patients and Family Members:

Dementia
Bipolar Disorder
ADHD
Autism
Schizophrenia

Health Providers Serve Patients at a Marked-Up Price

### **Exit Strategy Via Key Market Stakeholders**







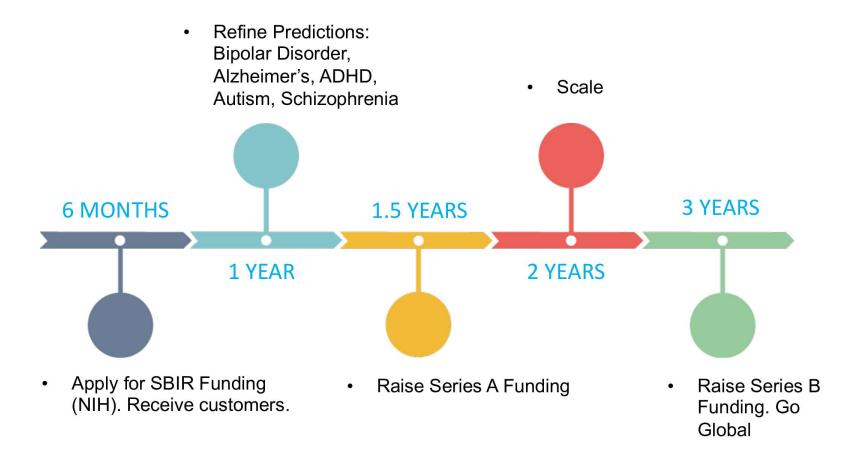


# **Adjacent Industry Exits**

- 2004 GE Acquires Amersham PLC, a medical imaging agent (\$9.5 Billion)
- 2007 GE Acquires Abbott's In-Vitro and Point-Of-Care Diagnostic Businesses (\$8.13 Billion in cash)
  - Abbott was sought out to broaden GE's diagnostic offerings
- 2016- Canon Inc Acquires Toshiba Medical Systems Corp (\$6.4 Billion)
  - Toshiba's services include marketing, selling, and coordinating clinical diagnostic imaging services and research
- 2019 Fujifilm Acquires Hitachi's Medical Imaging Business (\$1.56 Billion)
- 2019 Canon Medical Systems Acquires Skope Magnetic Resonance Technologies
  - Skope provides MRI users and research sites with imaging reconstruction software, focusing on next-generation MRI imaging and diagnostics
- 2020 Siemens Healthineers Acquires Varian Medical Systems Inc (\$16.4 Billion)
  - Varian specializes in stereotactic treatment technologies

Note: the outcomes of the companies listed on this slide are not indications of our future success.

# The Timeline



Disclaimer: These are future projections and are not guaranteed.

### The Team

#### **Co-Founders**

David H. Nguyen, PhD

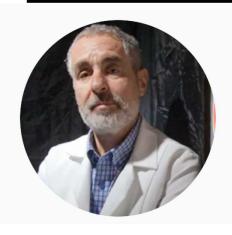
- Computational Biologist
- Berkeley PhD
- Inventor of LCPC Algorithm
- Father of "Shape-omics"



Harini Kumar, MBA(c)

- Cognitive
   Scientist
- UC Davis, MBA
- US Santa Cruz, Cognitive
   Science

#### **Advisors**



William Jagust, MD

- Alzheimer's Expert
- UC Berkeley Professor



Michael Cole, PhD, MBA

- Clinical Psychologist
- UC Berkeley Professor
- Neuro-Health Venture Capital Expert