A COMPLETE INTRODUCTION

UNDERSTANDING POLARITY LAB

From zero knowledge to full understanding.

The science, the story, the patents, the products.

It started with a high school chemistry project.

> *"How are memories stored in the brain?"*

Theodore's freshman year of high school. A research project for chemistry class: pick a question, do a literature review, present your findings.

The question he picked: **How are memories stored?**

This question would stay with him for the next 11 years. The methods evolved. The scope expanded. But the core curiosity never changed.

FROM THE JOURNAL

"Today I started a brief research of the stages of memory storage..."

- December 26, 2014

WHAT HE LEARNED THEN

ENCODING

How sensory input becomes neural signals

CONSOLIDATION

How short-term becomes long-term

RETRIEVAL

How memories are accessed

The seed: Even at 14, the question was about *mechanisms*. Not just "what is memory" but "how does it work?" This mechanistic curiosity would shape everything that came later.

A decade of preparation.

2018 - UMBC
Neurodevelopmental biology lab. Zebrafish hypoxia research. Scientific method, experimental design.

2020 - MIT BOYDEN LAB
Expansion microscopy. Whole-brain imaging. Olfactory cues in zebrafish kin recognition.

2022-2026 - BROWN MED
Medical school. Clinical rotations. Hospital inefficiencies. Radiology electives. Seeing the gap in cognitive assessment.

2025 - POLARITY
First prototype. CCX framework. Patents filed. LLC formed. Team assembled.

WHAT THIS BUILT

SCIENTIFIC RIGOR
Experimental design, hypothesis testing, publication standards.

CLINICAL CONTEXT
Understanding what matters diagnostically. Hospital system experience. Patient-facing perspective.

TECHNICAL CAPABILITY
Computational neuroscience, imaging analysis, AI/ML tools.

THE SYNTHESIS
These skills don't usually coexist in one person. That combination is the moat.

Advancing an emerging field.

Psychoradiology - using imaging to diagnose psychiatric conditions - has been growing since ~2017. We're accelerating it with a new modality: conversation.

THE GAP

PSYCHIATRIC DIAGNOSIS TODAY

Questionnaires, interviews, subjective reports. Limited biomarkers. Annual checkups miss early changes.

PSYCHORADIOLOGY STATUS

Academic recognition since 2017. Moving toward clinical application. Still lacks scalable, continuous tools.

The opportunity: A cardiologist has an EKG. A neurologist has an MRI. A psychiatrist has... a conversation. We make that conversation computable.

OUR CONTRIBUTION

NEW MODALITY

Conversation as a continuous, non-invasive data source. Pattern of state transitions, connection strengths, retrieval dynamics.

MEG-PROXY VALIDATION

Show language-based states correlate with neuroimaging. Computational proxy for MEG/fMRI.

CLINICAL UTILITY

Scalable assessment between formal checkups. Early signal detection. Longitudinal tracking.

Endgame: Changes in how you talk signal changes in cognitive health - caught early, acted on quickly.

APPLICATION #63/940,728 • 11 CLAIMS

Neuroanatomically-Grounded Knowledge Graph Construction and Cognitive Biometric Authentication

THE INSIGHT

Shadrack asked: "What if the knowledge graph itself IS the password?"

Traditional passwords are static. Your knowledge is dynamic. Use that.

WHAT THIS COVERS

KNOWLEDGE GRAPH CONSTRUCTION

Building concept graphs from conversation with neuroscience-grounded edge weights.

COGNITIVE FINGERPRINT (BRAINID)

Generating unique identity from graph structure and dynamics.

AUTHENTICATION METHOD

Questions derived from your own knowledge graph. Only you can answer.

TECHNICAL INNOVATIONS

N-BKDF

Neural Biometric Key Derivation Function - authentication keys from knowledge graphs.

DRIFT-TOLERANT AUTH

Authentication adapts as your knowledge evolves.

> **In practice:** Instead of "What's your password?", the system asks "What did you and your mom talk about last Thanksgiving?" - drawn from your own knowledge graph.

Inventors: Theodore Addo, Shadrack Annor • **Assignee:** Polarity Lab LLC

APPLICATION #63/960,633 • 12 CLAIMS

Conversational Connectomics: Methods for Bayesian Associative Strength Estimation, MEG-Proxy Cognitive State Classification, and Integrated Cognitive Fingerprinting from Natural Language Dialogue

NATHAN'S CONTRIBUTION

Nathan joined Christmas 2025 and transformed the vision:

- Expanded CCX from single-layer MNI to multi-modal cognitive mapping
- Introduced MEG integration, layered graph logic, formal architecture
- Architected the Polarity product stack: UI/UX, system logic, data-flow
- Built the research-product-commercialization pipeline
- Provided business discipline: budgeting, contracts, strategy

WHY TWO PATENTS?

Patent #1	The application (Polarity product)
Patent #2	The science (CCX framework)

> Someone builds a different app with similar methods? Patent #2.
> They copy our product? Patent #1. Full coverage.

WHAT IT COVERS

POLARITY POINTS (1-4)	Bayesian edge strength. Beta-Bernoulli.
UNIT OF COGNITION (5-6)	12 atomic cognitive event types.
MEG-PROXY STATES (7-8)	12-state model. HMM inference.
CONSOLIDATION GATE (9-10)	Memory promotion. Decay functions.
COGNITIVE FINGERPRINT (11-12)	BrainID from state + graph.

THE SCOPE
This patent covers the *methodology* - anyone using Bayesian conversational knowledge graphs for cognitive assessment operates in our claims.

Inventors: Theodore Addo, Shadrack Annor, Nathan Amankwah • **Assignee:** Polarity Lab LLC

We didn't invent this from nothing.

Every CCX construct is grounded in published neuroscience. If someone asks "where did you get this?" - here are the answers.

Units of Cognition	← Baldassano 2017
Polarity Points	← Collins & Loftus 1975
MEG-Proxy States	← Vidaurre 2017
Brain Network Mapping	← Yeo 2011
BrainID	← Finn 2015
Consolidation Gate	← CLS Theory

THE KEY INSIGHT FROM EACH

Baldassano: Brain naturally segments experience into events. Conversational turns = event boundaries.

Collins & Loftus: Concepts are connected with decaying weights. → PP formula.

Vidaurre: Brain cycles through ~12 states. We find these in language patterns.

Yeo: 7 canonical brain networks. We map UoC to them.

Finn: Brain connectivity = unique fingerprint. → BrainID.

CLS Theory: Memory consolidates via replay. → Consolidation Gate.

OUR CONTRIBUTION

The literature existed in fragments. We synthesized it into a unified computational framework, implemented the algorithms, validated at L2, and protected the methodology. The insight was seeing how these pieces fit together. That synthesis is the IP.

11 years of questions. 11 months of execution.

We built on decades of prior research. Then we synthesized and shipped faster than anyone else could.

WHAT ENABLED THIS

AI TOOLS + PROMPT ENGINEERING
LLMs classify speech acts, detect states, extract entities at scale. Years of manual annotation → computational in days.

MEDICAL + TECHNICAL ACCESS
Clinical knowledge (MD training) + engineering capability (MIT lab background) + business acumen. Rare combination.

RESEARCH SYNTHESIS
Baldassano, Collins & Loftus, Vidaurre, Yeo, Finn, CLS Theory - we connected what others saw separately.

SUMMER 2025
First Polarity prototype

FALL 2025
CCX framework conceptualized

DEC 2025
Patent #1 filed. LLC formed.

JAN 2026
Patent #2 filed. 258-page textbook.

WHY THIS IS HARD TO REPLICATE

PATENT PROTECTION
23 claims across two patents. The methodology is protected. Anyone building in this space operates under our IP.

MEDICAL CONTEXT
Understanding clinical cognitive assessment, knowing what matters diagnostically, having hospital system experience. Not learnable from papers.

IMPLEMENTATION DEPTH
258-page textbook. 12 experiments. Working product. The gap between ”reading about this” and ”building this” is years of work we’ve already done.

EXECUTION VELOCITY
By the time anyone replicates today’s work, we’ve moved two steps ahead. Speed compounds.

Protected, resourced, and moving fast.

IP secured. Team assembled. Products shipping. Research underway.

WHAT WE HAVE

2 PROVISIONAL PATENTS
23 claims. Methodology protected. Assigned to Polarity Lab LLC.

NOVEL FRAMEWORK (CCX)
First-mover in conversational cognitive mapping. 258-page technical documentation.

COMMERCIAL VALIDATION
Platform licensing contract pending. Real revenue pathway.

10+ YEAR TRAJECTORY
Research documented since 2014. Built on decades of prior neuroscience.

WHAT COLLABORATORS GET

NOVEL RESEARCH AREA
First publications in a new space. Differentiated from existing work.

WORKING INFRASTRUCTURE
Products, data pipelines, computational tools already built.

COMMERCIAL UPSIDE
IP participation for contributors. Not just academic credit.

> **We're looking for:** Specialized validation partners. Safety auditors. Clinical collaborators. Funding.

Polarity Lab is a research laboratory that builds products.

> **THINK OF IT LIKE THIS:**
> Imagine a university research lab that also makes apps. The apps generate data. The research studies that data. The research improves the apps. Repeat.

We're studying **how conversation reveals how your brain organizes information**. And we're building products that use this research.

THE RESEARCH SIDE

Conversational Connectomics (CCX)

A computational framework for extracting cognitive signals from natural language. Two patents. Twelve experiments. One 258-page textbook.

THE PRODUCT SIDE

Four Apps, One Platform

Waxfeed (music), Polarity (memory), AVDP (podcast), Pain Points (operations). Each generates data. Each tests our research.

Legal structure: Polarity Lab LLC (Delaware). Research lab with commercial subsidiaries. Providence, RI.

Can we measure how your brain organizes knowledge - just from how you talk?

ANALOGY:
A doctor can learn about your lungs by listening to you breathe (with a stethoscope).

We're asking: Can we learn about your *brain's knowledge structure* by listening to you *talk* (with algorithms)?

If the answer is yes, conversation becomes a new source of data about cognition - non-invasive, continuous, longitudinal.

If the answer is no, we'll have learned something important about the limits of language-based cognitive assessment. Either way, valuable science.

Conversational Connectomics (CCX) is our computational framework.

BREAKING DOWN THE NAME:
Connectomics = the study of neural connections (like mapping wires in the brain)
Conversational = we're doing this from conversation, not brain scans

So "Conversational Connectomics" = inferring how concepts are connected in someone's mind, using their natural language.

WHAT CCX DOES

1.	**Parses**	Breaks conversation into atomic cognitive events
2.	**Classifies**	Labels what type of thinking each event represents
3.	**Graphs**	Builds a network of connected concepts
4.	**Weights**	Calculates how strongly concepts are linked
5.	**Fingerprints**	Generates a unique signature for how you think

THE KEY CONSTRUCTS

UNITS OF COGNITION (UoC)
12 types of cognitive events we detect in speech

MEG-PROXY STATES
12 cognitive "modes" you shift between in conversation

POLARITY POINTS (PP)
A number (0-100) showing how strongly two concepts connect

BRAINID
Your unique cognitive "fingerprint" from how you think

Each of these is explained in detail on the following slides.

Every sentence you say represents a type of cognitive event.

When you speak, you're not just producing words - you're performing cognitive operations. We classify these into 12 types.

> **ANALOGY:** Just like a doctor classifies chest sounds (wheeze, crackle, murmur), we classify utterances (assertion, question, emotion, plan...)

ASSERTION

"I'm from Providence."

Stating a fact. Declarative knowledge.

ACTION

"I'm working on the app."

Describing current activity.

QUESTION

"What time is the meeting?"

Seeking information.

PLAN

"Tomorrow I'll finish the slides."

Future intention, prospective memory.

EMOTION

"I'm so stressed about this."

Expressing affective state.

EVALUATION

"That design is much better."

Judgment, opinion, preference.

REQUEST

"Can you help me with this?"

Seeking assistance.

MEMORY_REF

"Remember when we did X?"

Referencing past experience.

REPAIR

"Wait, I meant Tuesday."

Self-correction. Error monitoring.

SOCIAL

"Thanks so much!"

Social bonding, greetings.

META

"Earlier you said..."

About the conversation itself.

INTENTION

"I want to learn Spanish."

Goals, desires, motivations.

Scientific basis: Speech act theory (Austin 1962, Searle 1969) + dialogue act taxonomies (Stolcke et al. 2000). Not invented from scratch - built

Your brain shifts between cognitive ”modes” during conversation.

WHAT IS MEG?
MEG (Magnetoencephalography) is a brain scanning technique that measures magnetic fields from neural activity. Researchers use MEG + statistical methods (HMMs) to identify recurring ”brain states” - patterns that come and go.

WHAT IS A PROXY?
We can’t do MEG during normal conversation. But we hypothesize that conversational patterns *reflect* those brain states. So we call our language-based detection ”MEG-Proxy” - it’s a stand-in for what MEG would show.

GROUNDING

”I’m at the coffee shop working.”

Setting context. Where/what/when.

NARRATIVE_RECALL

”Last summer we went to...”

Telling stories. Episodic memory.

PLANNING

”Next week I’m going to...”

Future thinking. Prospective.

DECISION

”Should I take the job?”

Weighing options. Choice.

HELP_SEEKING

”Can you explain this?”

Requesting assistance.

SOCIAL_BONDING

”I really appreciate you.”

Building connection.

REPAIR

”Wait, let me clarify...”

Correcting. Error monitoring.

META

”This conversation is...”

About the discourse itself.

EVALUATION

”That was really good.”

Making judgments.

EMOTIONAL

”I’m feeling overwhelmed.”

Processing affect.

RETRIEVAL

”What was that called?”

Memory search.

CREATIVE

”What if we tried...”

Brainstorming. Imagination.

A number that represents how strongly two concepts are connected in your mind.

ANALOGY:
Think of your brain as a city. Concepts are neighborhoods. Some neighborhoods are connected by highways (strong links). Others by side streets (weak links). **Polarity Points (PP)** measures the "highway strength" between any two concepts - based on how often you mention them together and in what contexts.

THE FORMULA (SIMPLIFIED)

```
PP = f(R, C, T, Q)

Where:
R = Reinforcement count (how often mentioned together)
C = Context specificity (do they appear in specific contexts?)
T = Recency (when was the last mention?)
Q = Quality of evidence (how clear was the connection?)
```

The formula uses Bayesian statistics (Beta-Bernoulli estimation) to give us uncertainty bounds, not just a point estimate.

WHAT THE NUMBERS MEAN

PP 90-100	Very strong link (e.g., "mom" to "love")
PP 70-90	Strong link (e.g., "work" to "stress")
PP 50-70	Moderate link (frequent co-occurrence)
PP 30-50	Weak link (occasional mention)
PP 10-30	Very weak (mentioned once or twice)
PP 0-10	Negligible (noise)

> **Example:** If you mention "coffee" and "morning" together 15 times, always in "grounding" state, PP might be ~75. If you mention "coffee" and "interview" once, PP might be ~12.

Why "Polarity"? The name refers to the *direction* of the link (A to B vs B to A) and the *valence* (positive/negative emotional tone). We track both.

A unique cognitive fingerprint generated from how you think.

> **ANALOGY:**
> Your fingerprint is unique because of the specific pattern of ridges. Your **BrainID** is unique because of the specific pattern of how you transition between cognitive states and connect concepts. No two people think exactly the same way.

WHAT GOES INTO A BRAINID

1.	**State transitions**	Your pattern of moving between MEG-Proxy states
2.	**PP distribution**	The shape of your knowledge graph (hub nodes, clusters)
3.	**Temporal patterns**	When you think about what (time-of-day, context)
4.	**UoC preferences**	Do you ask more questions? Make more plans?

THE KEY INSIGHT

BrainID should be **stable over time** for healthy individuals. If it changes significantly, that might indicate cognitive change.

APPLICATIONS

AUTHENTICATION (Patent #1)

Your BrainID as a "password" - no one else thinks like you. And it can tolerate natural drift.

LONGITUDINAL TRACKING

If your BrainID shifts suddenly, that's a signal. Could be stress, could be something else. Worth investigating.

COMPATIBILITY

Compare two BrainIDs to see if people "think alike." AVDP uses this to match podcast guests.

Format: BrainID is stored as a vector of numbers (the fingerprint). For users, we display it as: `POL-A7K2-M9P4-Q3R8`

You can't claim "this detects Alzheimer's" without evidence. Each level requires more proof.

WHY A LADDER?
Science doesn't jump from "idea" to "proven." You climb through levels of evidence. We're explicit about where we are on that climb.

THE SIX LEVELS

L0	**Speculation**	Just an idea. No testing.
L1	**Theoretical**	Makes logical sense. Supported by literature.
L2	**Computational**	**WE ARE HERE**
L3	**Behavioral**	Correlates with clinical tests (MMSE, MoCA)
L4	**Neural**	Brain imaging confirms (fMRI, MEG)
L5	**Causal**	Proven mechanism. Intervention studies.

L2: WHERE WE ARE

WHAT L2 MEANS

The algorithms work. We can classify UoC. We can detect states. We can calculate PP. We can generate BrainID.

Current accuracy:

UoC classification: 69% (baseline 8%)
State classification: 58% (baseline 8%)

What this DOESN'T mean: Clinical utility. Diagnostic validity. Medical claims. Those require L3+.

NEXT: L3 BEHAVIORAL VALIDATION

Run studies comparing CCX metrics to established clinical assessments.

Four apps. Each generates data. Each tests the research.

POLARITY APP

Cognitive Memory Service

A friend who never forgets. You talk, it remembers, it finds connections, it surfaces memories when you need them.

CCX connection: Primary research platform. Every conversation generates UoC, states, PP data.

WAXFEED

Social Platform for Music

Where music lovers discover, share, connect. DJs post mixes. Fans follow taste profiles. Built by Shadrack.

CCX connection: Taste graphs are knowledge graphs. Music preferences = cognitive fingerprint in a measurable domain.

AVDP

A Very Distant Perspective

Deep dive podcast. 3-5 episodes per guest to build profile. Then match guests based on predicted compatibility.

CCX connection: CCX in action. We use the framework, publicly, to match people. Success = validation.

PAIN POINTS

Operating Philosophy

How the lab runs. Anyone can originate a project. Build MVP, become Principal. Everyone shares in success.

CCX connection: The model itself. A lab that rewards builders, generates projects, creates data sources.

> **The flywheel:** Products generate data. Data enables research. Research produces papers + patents. Papers bring credibility. Credibility brings users + funding. Repeat.

FOUNDER & PI

Theodore Addo

MD Candidate, Brown '26

MIT Boyden Lab alum. Radiology-bound. 11 years on this question.

COFOUNDER

Shadrack Annor

Brown University

Built Waxfeed. Evolvable cryptography insight. Co-inventor Patent #1.

COFOUNDER

Nathan Amankwah

University of Ottawa

Product architecture. Formalized CCX as a field. Co-inventor Patent #2.

Building the research network. Seeking collaborators for L3/L4 validation studies.

Four arms. One mission.

RESEARCH LAB

CCX Science

PI structure. Papers. Grants. Patents. Core IP.

STARTUP

First Movers

Products that commercialize research.

VENTURE

Investment Arm

Fund aligned projects. Core = portfolio credit.

STUDIO

Communication

AVDP. Content. Scientific storytelling.

THE FLYWHEEL

> Products generate **data** →
> Data enables **research** →
> Research produces **papers + patents** →
> Papers bring **credibility** →
> Credibility brings **users + funding** →
> Funding enables more **products** → Repeat.

LEGAL STRUCTURE

Entity: Polarity Lab LLC (Delaware)

Location: Providence, RI

Website: polarity-lab.com

Formed: December 4, 2025

From L2 computational to L4 neural validation.

2026: L3 BEHAVIORAL

Clinical Assessment Correlation

- Run study with MMSE/MoCA
- Compare PP scores to memory scores
- If correlation, L3 achieved
- If not, understand why

Need: Clinical psychologist collaborator

2027: L4 NEURAL

Neuroimaging Confirmation

- Partner with imaging lab
- Conversation + fMRI/MEG
- Does MEG-Proxy match real MEG?
- Yeo 7-Network validation

Need: Neuroimaging researcher

2028+: CLINICAL PATH

If Validated

- Early cognitive decline detection
- Longitudinal monitoring
- FDA pathway if warranted
- Or: publish null results

Outcome-agnostic: valuable either way

Seeking collaborators for L3 and L4. Standard academic collaboration - co-authorship, your methods, our framework.

Not published yet. In progress.

WHAT EXISTS NOW

258-page CCX framework document
12 computational experiments run
2 provisional patents filed
Working product with real users

We're at the "write it up" stage, not the "published in Nature" stage.

PAPER PIPELINE

1.	**CCX Framework Paper**	Drafting now
2.	BrainID Validation	Q2 2026
3.	Polarity Points Reliability	Q3 2026
4.	Dyadic CCX Framework	2027
5.	Clinical Preliminary	Post-L3

Target venues: CHI, EMNLP, CogSci, Frontiers

Null results: We publish those too.

We know this could be misused.

Cognitive monitoring could enable surveillance, coercion, abuse - especially in intimate partner violence scenarios.

This is known territory. Published research on tech-facilitated abuse shows how "safety features" become surveillance tools. We're building adversarial review into the process from day one.

WHY WE NEED SAFETY COLLABORATORS

We want researchers to actively try to break our safety model, find abuse vectors, and design detection mechanisms.

SAFETY PRINCIPLES (NON-NEGOTIABLE)

1. **User-only access**	No one sees your data but you
2. **No default sharing**	Caregiver access = explicit consent
3. **Coercion detection**	Flag patterns suggesting forced access
4. **Right to deletion**	Full data purge on request
5. **No predictive policing**	Never used for risk scoring

IRB REQUIREMENT

Clinical validation requires IRB. Product = consent. Research = separate consent.

Anyone can originate a project. Builders win.

THE IDEA:
Traditional labs: One PI, employees, top-down assignments. Pain Points: **Anyone can start a project**. Build the MVP, become Principal (highest share). Everyone else who joins = Partner.

THE FIVE PRINCIPLES

1.	**Lab Fee, Not Extraction**	15% to Lab Bank
2.	**Tiered Reserves**	3mo → 6mo → 10% forever fund
3.	**Principal Primacy**	Builder gets most. MVP required.
4.	**Domain Lead Autonomy**	Run your project like your company
5.	**Everyone UP**	All banks grow. Every month.

TITLE HIERARCHY

Associate → Partner → Principal → **Core**

Principal: Built the MVP. Leads the project. Gets 35-100% of project profits depending on team size.

Core: 3+ successful project originations. Gets lab-level profit share beyond projects.

Example (Waxfeed):
Shadrack = Principal (50%)
Theodore = Partner (25%)
Nathan = Partner (25%)

Rules for which memories get promoted to long-term storage.

NEUROSCIENCE BACKGROUND:
In real brains, not every experience becomes a long-term memory. The hippocampus acts as a ”gate” - only important, reinforced, emotionally significant memories get consolidated. We mimic this computationally.

THE STAGES

LABILE	New. First 24 hours. Easily forgotten.
STABILIZING	1-7 days. Needs reinforcement.
CONSOLIDATED	7-30 days. Resistant to interference.
PERMANENT	30+ days. High PP. Integrated.
FADING	Not reinforced. Starting to decay.
ARCHIVED	Very low PP. Not easily accessible.

THE RULES

LABILE → STABILIZING:
PP > 15 AND age > 1 day

STABILIZING → CONSOLIDATED:
PP > 40 AND age > 7 days AND 3+ reinforcements

CONSOLIDATED → PERMANENT:
PP > 70 AND age > 30 days AND 10+ reinforcements

DECAY: 14 days without reinforcement → FADING. 30 days → ARCHIVED.

Why this matters: The Polarity app surfaces memories before they fade. Spaced repetition for your personal knowledge graph.

Current cognitive assessment is limited.

To check if someone's memory is declining, doctors use tests like MMSE or MoCA.

These tests are:

- Done once a year (at most)
- In clinical settings only
- Snapshot, not longitudinal
- Can miss subtle early changes

THE PROBLEM:
By the time decline is detectable on standard tests, significant damage may have occurred. Early detection matters.

THE OPPORTUNITY

What if we could track cognitive signals *between* clinical visits?

What if subtle changes in how someone talks could signal early issues?

THE HYPOTHESIS

Conversational patterns reflect cognitive organization. Changes in organization show up in patterns. If we can measure patterns, we might detect changes.

STATUS CHECK

This is a **hypothesis**, not proven. That's why we're doing the research.

Multiple ways to participate.

RESEARCH COLLABORATORS

Domain experts for L3/L4 validation. Co-authorship. Your methods, our framework.

ADVISORS

Occasional feedback on direction, ethics, clinical pathway.

PILOT PARTNERS

Institutions deploying CCX tools (with IRB/consent).

CONTRIBUTORS (PAIN POINTS MODEL)

Build an MVP for a project you care about. Become Principal.

The immediate ask.

We'd like 30 minutes to discuss whether there's alignment.

WHAT WE'D COVER

1. Your questions about the framework
2. Whether our research interests overlap
3. If there's a collaboration that makes sense

CONTACT

Theodore Addo
MD Candidate, Brown Alpert Medical School '26

polarity@polarity-lab.com

Ways to keep up.

WEBSITE

polarity-lab.com

PODCAST (AVDP)

Watch CCX in action. Deep dive conversations. Guest matching based on cognitive profiles.

PRODUCTS

Polarity App - Be an early user. Generate data. Help improve the algorithms.
Waxfeed - If you're into music discovery, join the community.

DIRECT CONTACT

polarity@polarity-lab.com

MEASURE THE MIND

Providence, RI • polarity-lab.com

Questions? polarity@polarity-lab.com