



Craig Hane <craighane1@gmail.com>

## Supporting NYC's Affordability & Workforce Agenda with Practical Math and Career Pathways

1 message **Craig Hane** <craig@hane.com>

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To: Craig Hane <craig@hane.com>, linakhanoffice@columbia.edu  
Bcc: Robert Taylor <rtaylor@ocsbank.com>

**Dear Ms. Khan,**

Congratulations on your new role as co-chair of Mayor-elect Mamdani's transition team. Your work at the FTC and your focus on concentrated economic power, small businesses, and affordability are exactly the issues that have guided my own work in math education and workforce development for many years.

By way of introduction, my name is **Craig Hane, Ph.D. ("Dr. Del")**, Founder and CEO of **Triad Math, Inc.** We specialize in **practical, applied math training for teenagers and young adults**—especially those who have been poorly served by traditional math education. Our programs are designed to do two things very well:

1. Rapidly upgrade math skills that are directly useful in the labor market (trades, tech-adjacent work, small business, and entrepreneurship).
2. Convert those skills into **immediate, higher-earning opportunities** through structured pathways and tools we provide (what we call the **Triad Math Army**, or TMA).

Over the last several days I've shared a series of emails with Mayor-elect Mamdani and several people around him outlining how this can concretely support his agenda for New York City—particularly around **affordability, youth opportunity, and economic justice**.

Given your leadership role on the transition team, I'd like to briefly connect how Triad Math can directly reinforce the priorities you and Mayor-elect Mamdani have discussed publicly.

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### How Triad Math Can Help NYC's Agenda

#### 1. Affordability Through Higher Earnings for Young Adults

You've emphasized that working people are already being pushed out of New York. One lever—complementary to rent, childcare, and transit policy—is **raising earning power from the bottom up**.

Triad Math can help:

- Equip young adults (and parents) with **market-relevant math skills** in months, not years.
- Provide clear **pathways to higher-paying work** in areas where practical math is a bottleneck:
  - Skilled trades and advanced manufacturing
  - Tech-adjacent roles (data, engineering support, technical sales)
  - Small business operations and entrepreneurship

We have structured this so that participation can begin at **near-zero cost** for learners, with scalable options if NYC or partner organizations choose to support or sponsor cohorts.

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#### 2. Supporting Small Businesses & Independent Operators

In your interview with Jon Stewart, you spoke about **independent grocers, pharmacists, halal cart owners, and other small businesses** being squeezed by large chains and intermediaries.

Our programs can:

- Help these small operators (and their employees or children) gain **better numerical and analytical tools** to manage margins, inventory, and pricing.
- Train young adults in skills that make them valuable to **small, local enterprises**—not only to large corporations.

This aligns with your concern about restoring a **level playing field** for independent businesses, rather than leaving them structurally disadvantaged.

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### 3. Scalable “Army” Model for Mamdani’s Base

In my prior emails I described what we call the **Triad Math Army (TMA)**:

- Young adults and parents can start with **free, meaningful “starter” gifts** (sample courses, tools, and guidance) that immediately improve their math confidence and skills.
- Those who are motivated can go further—acquiring deeper math competence and using our tools to help **others** in their communities do the same.

In other words, many of the young people who helped elect Mayor-elect Mamdani can become **both beneficiaries and multipliers** of the program—improving their own prospects while helping neighbors, classmates, and family members. This creates exactly the kind of **bottom-up, participatory change** you and he have highlighted.

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### Proposed Next Step

I know you and the transition team are extremely busy, so I propose something simple and concrete:

- A **30–45 minute Zoom call** with you or a designated member of the economic / workforce / education sub-team to:
  - Walk through the **Triad Math Army** model in detail,
  - Show the specific **free starter gifts and courses** we can make available immediately to New Yorkers, and
  - Explore how this could align with your work on affordability, small-business support, and economic justice.

If helpful, I can also provide:

- A short **written brief** summarizing the program and its relevance to NYC’s goals;
  - Sample **access for a few trusted staff or advisors** to experience the program first-hand;
  - A concrete **pilot proposal** focused on a specific borough, neighborhood, or demographic group (e.g., young adults who supported the campaign, essential workers’ families, or students on the edge of dropping out of math).
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### My Commitment

My interest is straightforward: I believe Mayor-elect Mamdani’s agenda—and your long-standing work on market power and fairness—could materially benefit from a **practical math + workforce pathway** that is:

- Fast to deploy,
- Low-cost to participants, and
- Designed to **empower**, not exploit, young adults and small businesses.

If we are aligned, Triad Math is prepared to offer **significant in-kind support and “gifts”** to kickstart this effort as a genuine partnership with the city and the mayor’s team.

You can learn more about me and Triad Math here:

**Website:** [www.craighane.com](http://www.craighane.com)

**Triad Math:** [www.TriadMathInc.com](http://www.TriadMathInc.com)

**Sample program overview:** <https://triadmathinc.com/million/>

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Thank you for your time and for the work you’ve done—and continue to do—on behalf of ordinary people facing

concentrated corporate power and rising costs. I would be honored to explore how Triad Math can become a **concrete, practical tool in the NYC toolkit** you are helping to assemble.

**With respect and appreciation,**

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