



Sense of Mission and Purpose: From Student Applicant to Pharmacy Leadership in Advancing Health Equity

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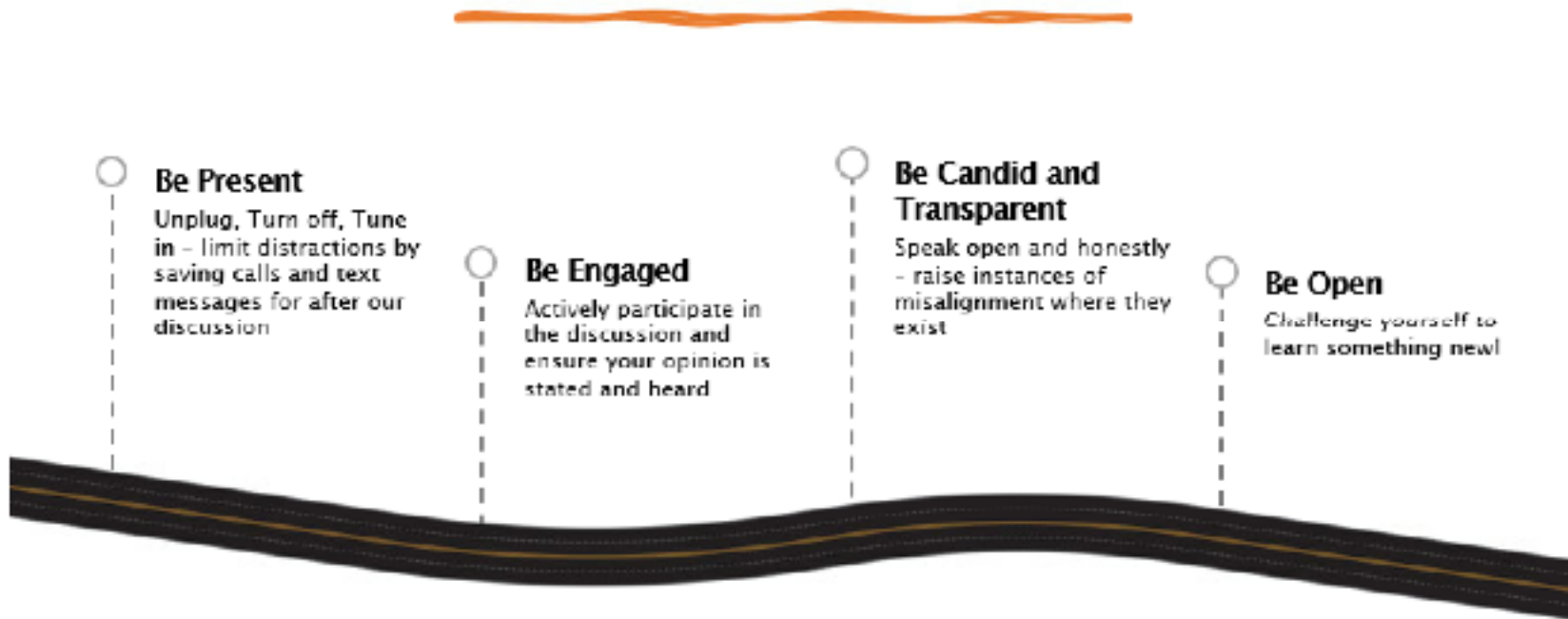


Statement of disclosure

I have no conflicts of interest.

No one in control of the content of this activity has a relevant financial relationship with an ineligible company.

Rules of the Road Throughout Our Session



Objectives Pharmacy Technicians

Define

Define health equity

Identify

Identify social and economic factors that affect health

Describe

Describe the role of pharmacy technicians in health equity

Objectives Pharmacists

Define

Define health equity

Identify

Identify social and economic factors that affect health

Describe

Describe the role of pharmacy professionals, as student, resident, to leaders, in addressing health equity



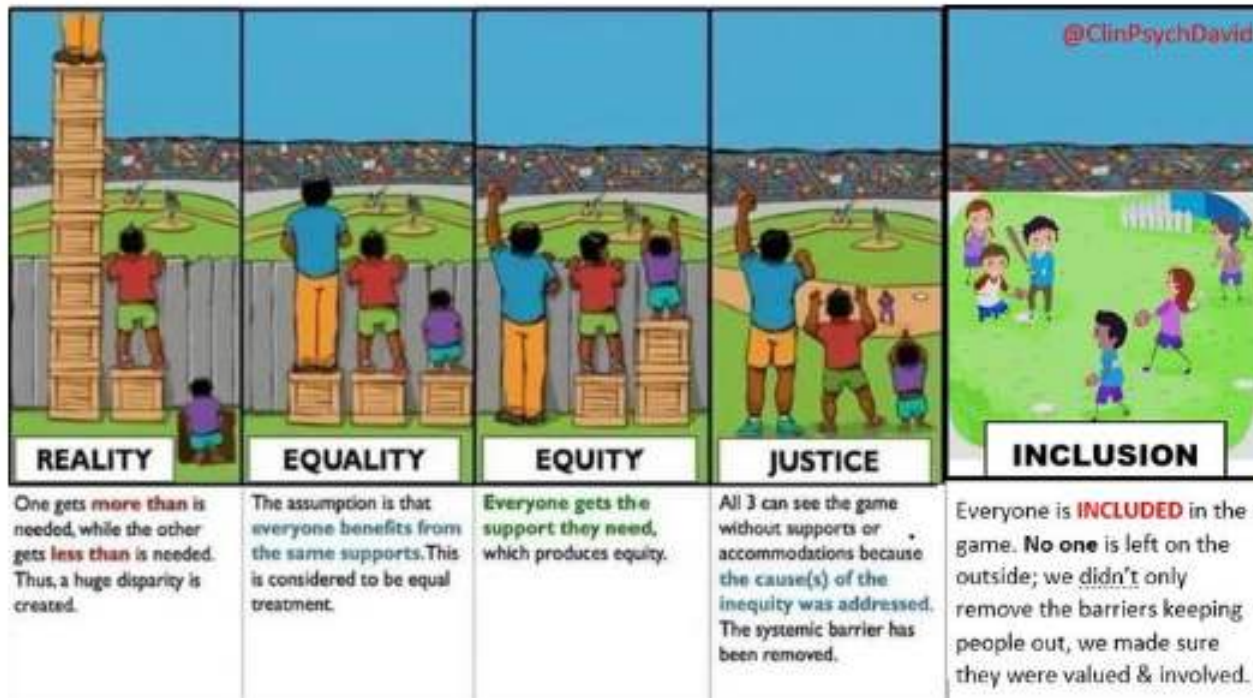
“Of all the forms of inequality, injustice in health is the most shocking and inhumane.”

Martin Luther King Jr.

Health Equity and Health Equality are the same?

- A. True
- B. False

Health Equity



Health Equity and Health Equality are the same?

- A. True
- B. **False**

Understanding Health Equity

- When everyone has the ability to “attain his or her full health potential” and no one is “disadvantaged from achieving this potential because of social position or other socially determined circumstances.”
- Racial and ethnic minority groups are often disproportionately affected by health inequities

Health Equity affects:

**Life
Expectancy**

**Quality of
Life**

**Severity of
Disease**

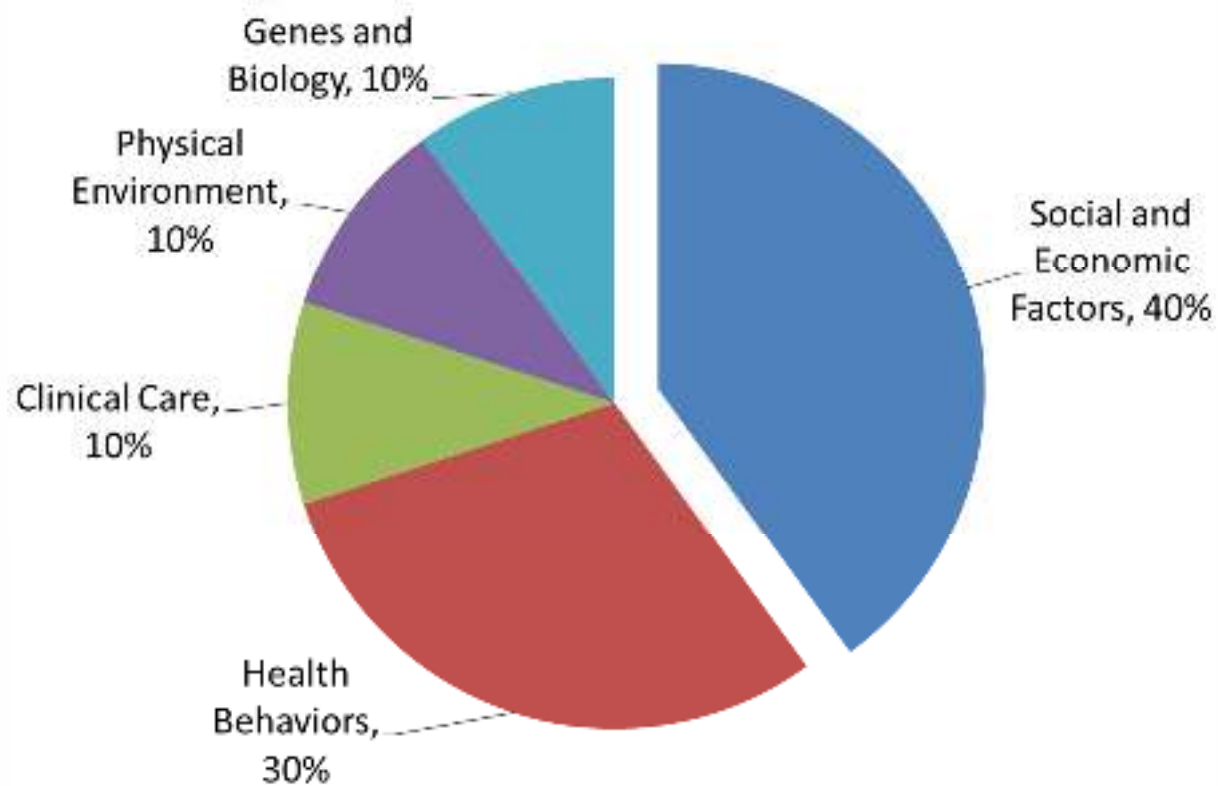
**Access to
Treatment**

**Rates of
disease,
disability, and
death**

Social Determinants of Health (SDOH)

- Defined as **social**, **economic**, and **environmental** conditions that affect a person's life and health
- 5 domains include:
 - Economic Stability
 - Neighborhood and built environment
 - Social and community context
 - Education access and quality
 - Health care access and quality
- Health benefits can be realized when these issues are addressed

What Influences Health?



Tarlov AR. Public policy frameworks for improving population health. *Ann N Y Acad Sci* 1999; 896: 281-93.

Several Factors Affect Health Outcomes

FIGURE 1: SOCIAL DETERMINANTS OF HEALTH AND WELL-BEING™



Addressing Health Equity



Which Statement is False?

- A. Where we live can affect health outcomes
- B. Relationships with friends and family can affect health outcomes
- C. Socioeconomic status can affect health outcomes
- D. Racial and ethnic minorities are not disproportionately affected by social determinants of health.
- E. Education access, level and quality can affect health outcomes
- F. Health care access, use and quality can affect health outcomes

Current Maternal Health State of New York City Data 2017 – 2023

What Does This Mean For Maternal Health Patients in NYC?

- Pregnancy related mortality ratio for Black women in NYC is 9x more than white women.
- In 2016, the Department of Health recorded...
 - 257 cases of severe maternal morbidity for every 10,000 live births (2.57%).
 - Black women experience 429 per 10,000 (4.29%).
 - Black women are about 1.7 times more likely to experience maternal morbidity during birth.
- Black non-Hispanic women were 12x likely than white non-Hispanic women to die from pregnancy related causes.
- Asian/Pacific Islander women are 4x more likely than white non-Hispanic women to die from pregnancy related causes.
- Hispanic women are 3x more likely than white non-Hispanic to die from pregnancy related causes.
- In 2020, the NYC Department of health recorded...
 - 67% of pregnancy associated deaths were preventable.
 - 72% pregnancy related deaths were preventable.
 - 22% of pregnancy associated deaths were not preventable.
 - 21% of pregnancy related deaths were not preventable.

Which of the following conditions are considered urgent maternal warning signs?

1. Dizziness or fainting
2. Changes in your vision
3. Extreme swelling of your hands and face
4. All of the above

Hear Her Campaign Center for Disease Control and Prevention (CDC)

- [Bing Videos](#)

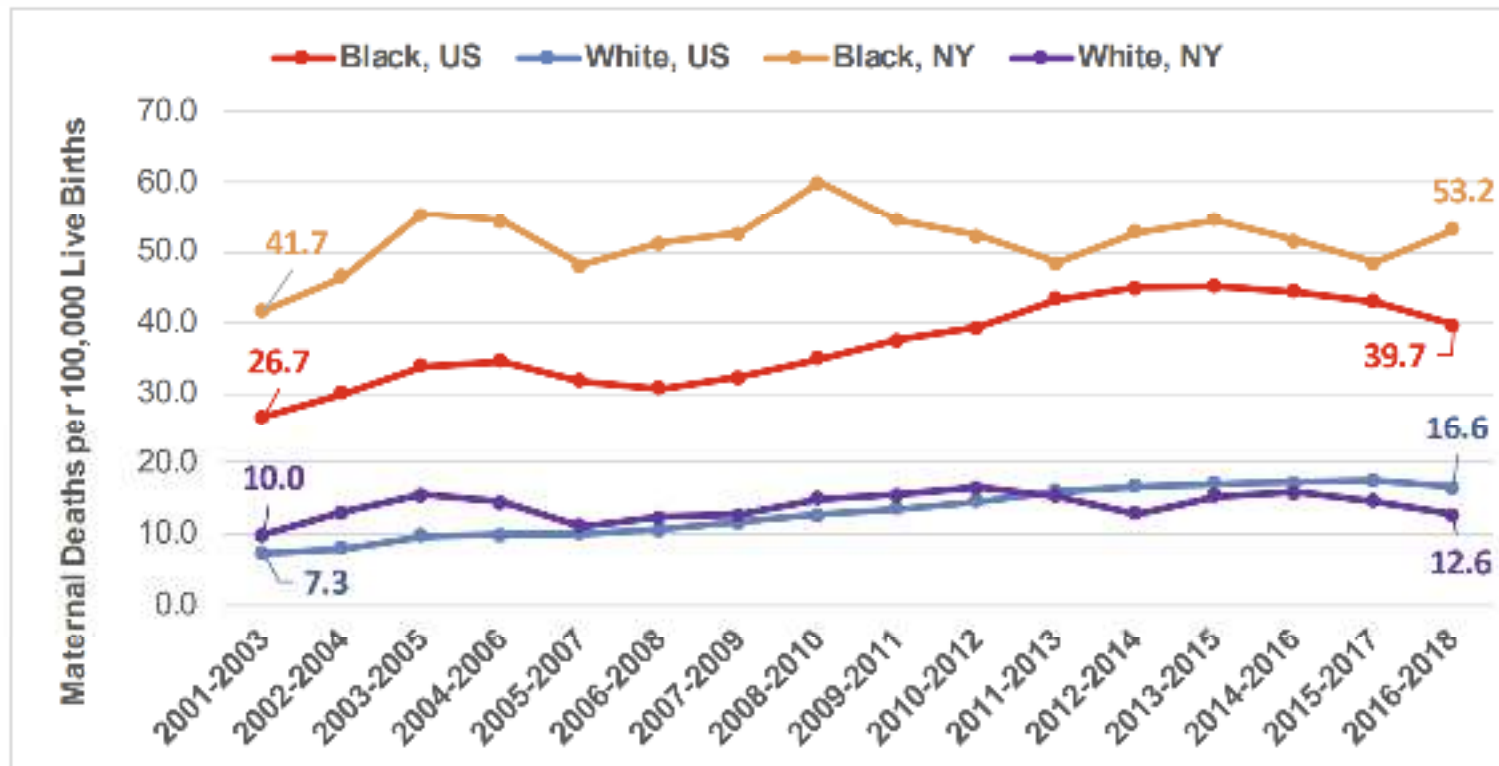


Which of the following conditions are considered urgent maternal warning signs?

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Trends in Maternal Mortality Rates in New York State Compared to the U.S.

New York State Three-Year Rolling Average Maternal Mortality Rate by Race, 2001-2018

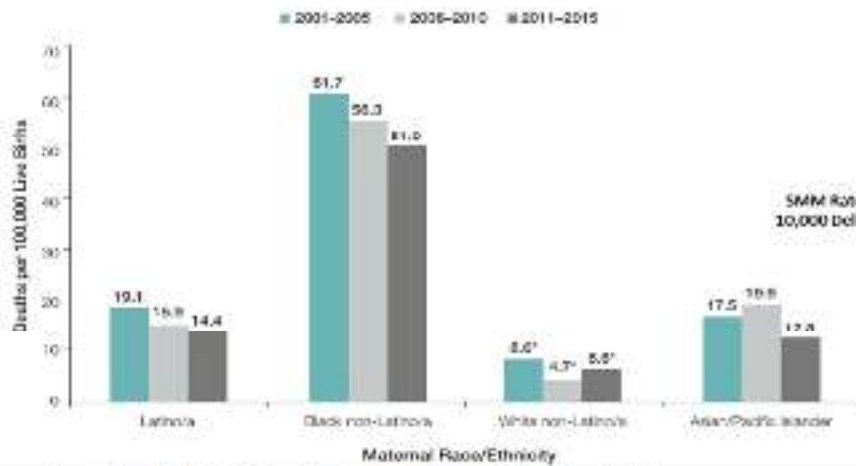


Source: NYS Vital Statistics, CDC Wonder Database

Maternal Health Crisis New York City

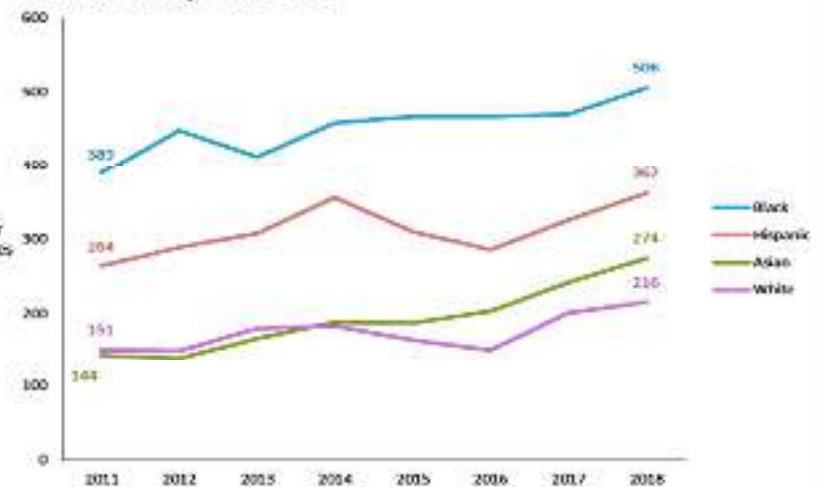
Maternal Health Crisis in New York City

Pregnancy-Related Mortality Ratios by Maternal Race/Ethnicity, New York City, 2001-2015



Source: New York State Report on pregnancy-associated deaths. (n.d.). https://health.ny.gov/community/adults/women/docs/maternal_mortality_review_2016.pdf

Severe Maternal Morbidity Rates by Race and Ethnicity in New York City: 2011-2018



Source: New York Health Foundation analysis of 2011-2018 New York State Statewide Planning and Research Cooperative System (SPARCS) data.



Role of Pharmacy in Health Equity

We All Have a Role

Pharmacy's Role

- In the United States, the provider shortage continues to grow
- Pharmacists present a unique opportunity to impact patient's lives
 - Pharmacists are frontline healthcare workers
 - Often describes as the most accessible of the healthcare workers
 - Almost **90% of the US population lives within 5 miles** of a community pharmacy
 - ~27,000 community pharmacies in the US vs ~6,000 hospitals

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The Patient Care Process



Joint Commission of Pharmacy Practitioners. *Pharmacists' Patient Care Process*. May 29, 2014.

Addressing the SDOH Economic Stability



Opportunity

Clinical Practice:

- Deprescribing
- Medication interchange
- Interprofessional collaboration
- Tele-pharmacy
- 90 day supplies

Manufacturer:

- Manufacturer assistance programs
- Prescription coupons or discount cards



Impact

Clinical Practice:

- Optimize patient medication list and limit unnecessary and costly medications

Manufacturer:

- Reducing costs or provide free therapeutics to patients, often requiring facilitation from a pharmacist

Addressing the SDOH Neighborhood and Built Environment



Opportunity

- Enhance workforce in medically underserved areas to increase patient access to health care
- Patient referral to food banks
- Invest and advocate in your local community



Impact

Provide patient's the infrastructure to live a healthy life

Addressing the SDOH Education Access and Quality



Opportunity

- Motivational interviewing/teach back method
- Increase diversity within the health care professional workforce
- Provide written health information at appropriate literacy level
- Screen for patient health literacy
- Use of medical interpreters
- Use of patient-friendly labels



Impact

- Provide education surrounding public health efforts to the Public!**
- Educate children, families, and other community members on safe medication use

Addressing the SDOH – Health Care Access and Quality



Opportunity

Innovate Healthcare Delivery Model

- Chronic care management
- Interprofessional care model
- Transitions of care



Impact

Keeping patient's healthy, rather than waiting for them to get sick

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Margaret Mead

- Never doubt that a small group of thoughtful, committed citizens can change the world; indeed, it's the only thing that ever has.

What Can You Do As a Pharmacy Technician?

As a Pharmacy Technician

- Medication reconciliation
- Collect patient histories
- Process insurance and billing
- Obtain prior authorization
- Help identify formulary medications and coverage
- Help eliminate financial barriers
- Professional Organizations

[jenn02_health_equality@swi.com](#)

What Can You Do As A Student?

As a Student

- In 2021–22, 13,323 first professional degrees in pharmacy were awarded
- PharmD students possess invaluable knowledge and clinical service skills
 - Medication knowledge
 - Appropriate dosing, drug and food interactions, and specific counseling points
 - Expanding clinical skills
 - Patient vaccination to blood pressure and cholesterol monitoring
 - Professionals Organizations

<https://www.aacp.org/article/academic-pharmacys-vital-statistics>

Use Your Skills

Health fairs and
community events

Pharmacy intern
positions

Advocacy



What Can You Do As a Practitioner?

As a Practitioner

- Further expanded skillset and knowledge base
- Skills can be used in the community or acute care setting
 - Providing education to patients and providers alike
 - Identifying patient barriers to achieving their health goals
 - Cost
 - Travel distance
 - Health literacy
- Teaching future healthcare professionals
 - Boys and Girls Club
 - Shadowing experiences
 - Helping at your local college
 - Career Fairs in schools

What Can You Do As A Leader?

As a Leader

- Enable staff to practice at the top of their license
- Teaching (Lecture, preceptor, mentor)
- Professional Organizations Involvement (American Society of Health-System Pharmacists, New York City Society of Health-System Pharmacists, New York State Council of Health-System Pharmacists)
- Advocacy

ASHP National Awareness Campaign

VISION:

The public will be aware of, seek, and value hospital and health-system pharmacists as essential patient care providers.

- Campaign website
- Multi-media promotion
- Partner tool kits

[Your Story - ASHP](#)



**LAUNCHING
MAY 2024**



Great Leaders

Quote by Joyce Banda (4th President of Malawi)

“I learned that leadership is about falling in love with the people and the people falling in love with you. It is about serving the people with selflessness, with sacrifice, and with the need to put the common good ahead of personal interests.”

MENTORING

Each One Teach One

God Puts A Rainbow In The Clouds

When it looked like the sun
wasn't going to shine anymore
God put a rainbow in the Clouds

19th century African American lyricist (Blind Andy Jenkins) wrote a song that suggested that God puts a rainbow in your clouds



19th century African American lyricist (Blind Andy Jenkins) wrote a song that suggested that God puts a rainbow in your clouds

- [Dr. Maya Angelou: "Be a Rainbow in Someone Else's Cloud" | Oprah's Master Class | OWN - YouTube](#)

Mentors can be...

Mentors

Leaders

Listeners

Teachers

Friends

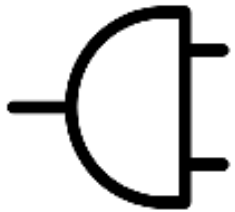
Counselors

Preceptors

Coaches

Guides

Igniting the Spark



**Recognizing
the spark in
others**

**Working
side by side
to develop
the spark**

**Share your
knowledge**

Teach

**Weaving the
tapestry of
life**



<https://www.psychologytoday.com/us/blog/understand-other-people/201708/igniting-the-s>

Nobody Does It Alone

“Nobody does it alone

Even a King is born a prince and has to learn to handle the throne

The way has to be shown by those who walked that road

Somebody may have helped you lighten your load

Somebody must have done it for them

So now that you're in position, don't ever forget

Each One Teach One, encourage their spark

That's the best way to open a mind and open a heart”

Rap Written by my son David Duane Powell

Knowledge is Power

“We must empower people with knowledge.”

- Amy Grant, PharmD

Associate Dean, University of South Carolina College of Pharmacy



**A Quote
That I Love
by Maya
Angelou**

“I've learned that people will forget what you said, people will forget what you did, but people will never forget how you made them feel.”

**Success
Former
First Lady
Michelle
Obama**



Success isn't
about how much
money you make.
It's about the
difference you
make in other
people's lives

Count On Me Bruno Mars

- <https://www.youtube.com/watch?v=R533DDds3RY>

Questions

