

# AMANDA PALENCHAR

724-689-8797

amanda.palenchar@gmail.com

8505 E. Alameda Ave. Unit 3537, Denver

linkedin.com/in/amanda-palenchar-b00342a7



## EDUCATION

### DATA ANALYTICS BOOTCAMP

*The University of Denver*

Present (est. completion: Nov. 2022)

### MASTERS OF EDUCATION

*Christian Brothers University*

2013-2014

### BACHELORS OF SCIENCE

#### LIFE SCIENCE OPTION

*The Pennsylvania State University*

2008-2012

## EXPERTISE

Excel & VBA

Python

SQL

MongoDB

Flask

HTML

JavaScript

Tableau

R

## LEADERSHIP

### EMERGING LEADERS COURSE

2017 - 2018: DSST Public Schools

### HOLLYHOCK FELLOWSHIP

*A selective professional development program for early career teachers at low income schools*

2016 - 2017: Stanford University

### TEACH FOR AMERICA

2012 - 2014

## PROFESSIONAL PROFILE

A former high school teacher and dean, I have used data analysis to identify patterns, priorities, and potential root causes. In seeking employment within data analytics, I hope to expand my impact in the creation of and response to data systems.

## EXPERIENCE

### DEAN OF STUDENTS

*Denver School of Science & Technology Public Schools / Denver, CO / 2017 - 2022*

- Created schoolwide culture systems:
  - Triangulated multiple data sources (student demographics, discipline, grades, etc.) to identify school needs and design systems responsive to culture priorities
  - Analyzed data synthesized from multiple platforms to proactively and reactively identify and address school culture gaps with research-based strategies
  - Refined procedures for completion and management of detail-oriented paperwork containing highly sensitive student information
- Developed school community and staff capacity:
  - Conducted meetings celebrating, investing, and coaching students, families, and staff in specific aspects of school culture (e.g. attendance, Honor Roll, athletics, etc.) with audiences ranging from 50-400 individuals
  - Supervised teachers, social workers, and Dean of Culture to regularly collect and interpret role-specific data and to create relevant action plans
  - Empowered teacher leaders in fostering strong team and alignment among teachers through bi-weekly meetings in which grade level chairs engaged in goal-oriented team building, data analysis, and problem-solving protocol
- Streamlined schoolwide communication and logistical systems:
  - Organized staff access and utilization of common, long-lasting resources by launching and maintaining an external hub
  - Established processes for traditions and events intended for large audiences (up to 1,500) including graduation, prom, and advisory (e.g. student enrichment)

### SCIENCE TEACHER: Chemistry, Biology, & AP Biology

*DSST Public Schools / Denver, CO / 2015 - 2017*

- Led 11th grade teachers as the Grade Level Chair in creating and implementing culture strategies for the founding class
- Adapted chemistry curriculum to fit student population needs with a heavy focus on gaps identified from data analysis of classwork and assessments

### SCIENCE TEACHER: 8th Grade Science, Biology, & AP Biology

*Memphis School of Excellence / Memphis, TN / 2012 - 2015*

- Designed curriculum that improved student proficiency by 50% and 63% for 8th grade science and 10th grade biology, respectively