

KLINT KANOPKA

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EDUCATION

Stanford University

Ph.D. in Education (Developmental and Psychological Sciences)

Burt and Deedee McMurtry Fellow

Advisor: Maria Araceli Ruiz-Primo

exp. 2023

Drexel University

M.S. in Instruction

2012

Drexel University

B.S. in Physics

2005

RESEARCH EXPERIENCE

DECISA

Laboratory on Educational Assessment, Research and Innovation

September 2017 - Current

Stanford GSE

An NSF funded project under Dr. Maria Ruiz-Primo. Assists in development of instructionally sensitive physics assessments and analysis of subsequent item responses.

AWARDS

- Recipient of the Stanford Graduate Fellowship.

PROFESSIONAL MEMBERSHIPS

American Educational Research Association

Division D

2018 - present

National Council on Measurement in Education

2018 - present

K-12 TEACHING EXPERIENCE

The Academy at Palumbo

Physics Teacher

August 2010 - June 2017

Philadelphia, PA

- Courses Taught: AP Physics 1, AP Physics B, AP Physics C, Precalculus, Environmental Science and Algebra 1
- Wrote grants and fundraised to turn an unused storage room into a MakerSpace and Engineering Lab, with a 3D printer, CNC router and other tools. This space functions as a design lab for the entire school as well as a home base for the schools robotics team.
- While teaching AP Physics 1, B and C made steady and significant year-to-year gains in student test scores. In doing so, the expectations for achievement on math and science AP exams were raised for the entire school.
- Designed and delivered PD on problem solving, inquiry teaching methods, science education, classroom culture, technology integration and migration to a new Google Apps environment.

- Helped launch the Philadelphia Teacher Symposium with a seminar on using estimation to build number sense in math and science classrooms.
- Coached forensics team to the NSDA Nationals (2016-2017), NCFL Grand Nationals (2015-2016, 2016-2017) and PHSSL state tournaments (2012-13, 2013-14, 2014-15, 2015-16).
- Coached First FTC robotics team to city finals in their first three years (2014-15, 2015-16, 2016-2017).

Crossroads Accelerated Academy

January 2010 - June 2010

Physical Science Teacher

Philadelphia, PA

- Part of a pilot program teaching 9 th grade Physical Science to overage 8th graders
- Over 60% of participating students received high school credit.
- Developed a half-year inquiry-based physical science curriculum.
- In charge of technology management for entire program.
- Developed and delivered technology-based PD to meet needs of new staff.

CONSULTING

Drexel University/School District of Philadelphia

August 2010 - June 2017

Physics Curriculum Consultant

Philadelphia, PA

- Position was a partnership between Drexel University and the School District of Philadelphia Office of Curriculum.
- Wrote the Physics Scope and Sequence, the official physics curriculum for the School District of Philadelphia which is accessible through an employee portal.
- Created pacing for traditional and block scheduling, standards (NGSS & Common Core) aligned resources, internally generated screencasts and labs and banks of assessment questions.
- Designed and delivered supporting professional development sessions.

Teach For America

June 2017

Physics Curriculum Consultant

Philadelphia, PA

- Designed summative and unit assessments of content mastery.
- Created questions and rubrics to evaluate student argumentation using the Claim-Evidence-Reasoning model.
- Created standards aligned (NGSS) lesson outcomes and lesson plans.