NICHOLAS JOHN PONTICELLO

EDUCATION

University of Pennsylvania
2017-2018 M.Ed. Independent School Leadership
Degree In Progress, Expected Completion: July 2018

University of California, Berkeley
2002-2006 B.A. Astrophysics, May 2006
B.A. Mathematics, May 2006
Cumulative GPA: 3.777

2014-2016 **University of California, Los Angeles, Extension**
Certificate of Sustainability, Awarded with Distinction, December 2015

EMPLOYMENT

2015-present **STEAM Coordinator, Flintridge Preparatory School, La Canada, CA**

- Develop strategies to fulfill the school's mission and vision.
- Develop cross-departmental curricula for middle and high school students.
- Maintain constituent relations with parents and donors.
- Direct staff and faculty in new curricular and co-curricular research.
- Advise the architect of the new master plan.
- Manage program budget.
- Assist in planning large-scale school events.
- Mentor and lead the deputy STEAM coordinator.
- Facilitate committee meetings.

2009-present **Faculty, Flintridge Preparatory School, La Canada, CA**

- Peer Faculty Evaluator, *2013-2016*
- Self Study Committee, Associate Chair, *The Student Learning Experience*, *2014-2016*
- Advisor to Education Technology Committee, Curricular Research and Development, *2014-2016*
- Scheduling Committee, Research and Development of a New Schedule, *2015-2016*
- Advisor to the Student-Led Green Team, *2014-2016*
- Department of Mathematics, Faculty, *2009-present*
  - Honors Multivariable Calculus (with Linear Algebra and Abstract Algebra Units) – 6 years
  - AP Calculus AB (with Introduction to Astronomy Unit) – 9 years
  - Calculus (Non-AP) – 2 years
  - Algebra 2 – 3 years
  - Independent Study, Observations of the Accretion of the G2 Gas Cloud in Sagittarius A*
  - Independent Study, What's In Your Water? An Environmental Investigation into California Drinking Water
  - Independent Study, Geology in Los Angeles
- Co-Founder and Co-Chair of Campus-Wide Sustainability Initiative, *2011-2013*
- Advisor to the Astronomy Club, *2013-2014*
- Mentor for New Faculty, *2011-2012*

2008-2014 **Coach, Flintridge Preparatory School, La Canada, CA**

- Head Coach, Boys and Girls Track & Field, *2010-2014*
- Assistant Coach, Boys Cross-Country, *2008-2010*
- Responsible for hiring and leading a staff of up to six assistant coaches.
- Liaised with parents. Managed parent expectations. Resolved parent conflicts.
- Specialized in training for distance and middle distance

2006-2007 **Manager of Operations, KOMENAR Publishing, Walnut Creek/Oakland, CA**

- Created and maintained positive business relationships with vendors, manufacturers, and affiliate organizations.
- Provided effective solutions to business operational matters and searched for new, cost-effective opportunities to increase the productivity and functionality of internal and external business affairs.
- Oversaw the production of books, the fulfillment of orders, and maintenance of the working space.
- Worked closely with a small team to build company strategies.

HONORS & AWARDS

Class of 2012 Teaching Award (nominated and voted on by the 2012 senior class)
Pasadena Star News Coach of the Year All-Area Boys Track & Field 2012
La Canada Sun Boys' Coach of the Year All-Area Track and Field Team 2013
Southern Section Boys' Track And Field Coach of the Year Finalist, California Coaches' Association, 2014
Prep League Champions, Boys Track & Field, 2013
3rd Place CIF Southern Section Finals, Boys Track & Field 2014

CREDENTIALS

CBEST - Passed
NFHS Fundamentals of Coaching and the California State Component - Passed
CPR/AED – Adult
CPR – Child and Infant
Standard First Aid

PUBLICATIONS

Playing with STEAM **- Flintridge Prep's Conversations in Education 2017**

STEAM & Service: Stronger Together **(Co-Authored) - Flintridge Prep's Conversations in Education 2018**

Do Not Resuscitate **(Fiction) 2015 - Self-Published**

- Winner, *Reader Views Reviewers Choice Award*
- Winner, *2015 INDIEFAB Book of the Year Award*
- Winner, *2016 CIPA EVVY Awards*
- Finalist, *2016 Next Generation Indie Book Awards*
- Semifinalist, *2015 Book Pipeline Contest*
- Semifinalist, *2015 Kindle Book Awards*
- Honorable Mention, *2015 Green Book Festival*

The Maiden Voyage of the Destiny Unknown **(Fiction) 2016 - Self-Published**

- Winner, *Reader Views Reviewers Choice Award*
- Finalist, *2017 Next Generation Indie Book Awards*
- Finalist, *2017 CIPA EVVY Awards*
- 100 Notable Books, *2016 Shelf Unbound Best Indie Book Competition*
- Honorable Mention, *2016 San Francisco Book Festival*

RELEVANT COURSEWORK

	Teaming and Collaborative Leading in Schools	
Practitioner Research	Field Internship Seminar: Leadership for School Improvement	
Critical Issues in Education	Instructional Leadership to Promote Learning	
Multivariable Calculus	Linear Algebra & Differential Equations	Linear Algebra
Introduction to Analysis	Introduction to Abstract Algebra	Introduction to Complex Analysis
Numerical Analysis	Introduction to the Theory of Sets	Physics for Scientists and Engineers
Quantum Mechanics	Introduction to Statistical & Thermal Physics	Introduction to Astrophysics
Planetary Astrophysics	Infrared Astronomy Laboratory	Stellar Physics
Environment and Sustainability	Environmental Geology of Los Angeles	Water Rights & Sustainability
Python Programming I	Principles of Sustainability I, II, and III	

- References Available Upon Request -