

## Jason M. Nagaoka

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### Educational Background

- **Master of Education in Secondary Education (with Distinction)**  
Hawai'i Pacific University (Spring 2011 to Summer 2012)  
[Thesis \(PDF\)](#) – *Advanced Placement Calculus: Differences within University Instruction*  
Grade Point Average in All Courses: 4.0
- **Professional Certificate in Secondary Education**  
Hawai'i Pacific University (Fall 2009 to Fall 2010)  
Grade Point Average in All Courses: 4.0
- **Bachelor of Science in Mathematics (with Distinction)**  
University of Hawai'i at Mānoa (Fall 2005 to Spring 2009)  
Grade Point Average in All Courses: 3.85; Grade Point Average in MATH Courses: 3.91

### Work Experience

- **Mathematics Teacher**, Moanalua High School (July 2009 to Present)
- **Head Math Team Coach**, Moanalua High School (July 2009 to Present)  
**Assistant Math Team Coach**, Moanalua High School (2005-2006, 2007-2009)

### Leadership Positions Held

- **Mathematics Department Chair**, Moanalua High School (July 2012 to Present)
- **Data Team Leader**, Moanalua High School (July 2014 to Present)  
*Algebra II DT (2014-15 to 2017-18), Trigonometry/Precalculus DT (2018-19)*
- **Jupiter Ed Coordinator**, Moanalua High School (July 2015 to Present)
- **Faculty Member**, Moanalua High School Community Council (July 2011 to June 2013, July 2014 to June 2017)
- **Technology Officer/Webmaster**, O'ahu Mathematics League (August 2010 to Present)

### Courses Taught

Year	Algebra II	Statistics/ Probability	Trigonometry/ Precalculus	Calculus	AP Calculus AB	AP Calculus BC	CAP 9	CAP 10	CAP 11	CAP 12
2018-19			1		2	1		1		
2017-18	1				2	1	1			
2016-17	1				2	1				1
2015-16	2				1	1			1	
2014-15	2			2		1		1		
2013-14			1	3		1	1			
2012-13			2	2		1				1
2011-12	1	3		1	1				1	
2010-11	3	1		2				1		
2009-10	4	1		1			1			

Note: Quantity indicates number of sections

## Student Performance on AP Calculus Exams

Group	Avg Score	Score of 3+	Score of 4+	Score of 5
MoHS AB Students	3.59	78.5%	58.9%	31.8%
Global AB Students	2.92	57.8%	38.0%	20.5%
MoHS BC Students	3.91	84.1%	68.1%	44.9%
Global BC Students	3.77	80.5%	61.7%	44.5%

AB results from 2016-18 exams. MoHS = 107 students. Global = 859,236 students.  
BC results from 2014-18 exams. MoHS = 69 students. Global = 515,210 students.

## Participation at Major Calculus Workshops, Conferences, and Panels

- **ETS AP Reader**, Calculus (Kansas City, Mo.), June 02-08, 2018  
*Read free response questions BC2, AB4/BC4, BC5*
- **ETS AP Reader**, Calculus (Kansas City, Mo.), June 02-08, 2017  
*Read free response questions AB1/BC1, AB3/BC3, BC5*

## Participation at Major Smarter Balanced Assessment Consortium Workshops, Conferences, and Panels

- **Online Reviewer**, *Guide to Developing Annotations, Grades 3-5*, October 19-29, 2018
- **State Network Educator Workshop** (Chicago, Ill.), July 16-18, 2018
- **High School Mathematics CAT Item Mapping Panel** (Reno, Nev.), October 23-27, 2017
- **High School Mathematics CAT Item Review/Writing Panel** (Chicago, Ill.), April 18-20, 2017
- **Online Standard Setting Panel**, October 07-09, 2014
- **High School Mathematics Alignment Study** (Los Angeles, Calif.), March 19-20, 2014  
*One of 12 teachers selected out of 70+ applicants from Hawai'i*

## Participation at Major Hawai'i DOE Workshops, Conferences, and Panels

- **HIDOE + Smarter Balanced Item Development**
  - **Online Senior Item Reviewer**, Summer 2018 Extension Item Authoring, August 01-September 21, 2018  
*Responsible for reviewing and assisting item authors with their submissions*
  - **Smarter Balanced Item Development Workshops**, March 31/April 14/May 05, 2018  
*Responsible for authoring items for submission to Smarter Balanced*
  - **Common Core Item Authoring Training**, October 09-13, 2017
- **HIDOE End-of-Course Exam Panels**
  - **Content and Fairness Data Review**, July 22, 2016 (Algebra I and II) and July 08, 2014 (Algebra II)
  - **Content and Fairness Item Review**, July 09, 2018 (Algebra I and II)
  - **Content Data Review**, July 15, 2013 (Algebra II)
  - **Fairness Data Review**, July 16-17, 2013 (Algebra II)
  - **Item Review**, March 18, 2015 (Algebra II), March 17, 2015 (Algebra I), and March 04-06, 2013 (Algebra II)
  - **Rubric Validation**, June 15, 2016 (Algebra II), June 14, 2016 (Algebra I), and June 09, 2014 (Algebra I)
  - **Standard Setting**, June 23-24, 2013 (Algebra II)
- **Mathematics Instructional Materials Review Panel**, January 29-31, 2013

## Participation at Major Education Workshops, Conferences, and Panels

- **Moanalua High School Professional Development Conference**, April 12, 2014  
*Co-Presenter – [SBAC: Taking a Closer Look at the Grade 11 Math](#)*
- **Moanalua High School Professional Development Conference**, April 21, 2012  
*Co-Presenter/Interim Team Leader, Algebra II Data Team*
- **ETS Standard Setting Panel in Mathematics** (Princeton, N.J.), April 16-17, 2012  
*One of 20 secondary/post-secondary educators from across the U.S. to participate*

### **Attendance at Major Calculus Workshops, Conferences, and Panels**

- **AP Summer Institute** (Calculus BC), July 16-20, 2012  
*Presenter: Howard Alcosser*
- **AP Summer Institute** (Calculus AB), July 25-29, 2011  
*Presenter: Tansel Pope*
- **AP Summer Institute** (Calculus AB), July 19-23, 2010  
*Presenter: Larry Peterson*

### **Attendance at Major Mathematics Workshops, Conferences, and Panels**

- **MathFest 2017** (Chicago, Ill.), July 26-29, 2017
- **MathFest 2009** (Portland, Ore.), August 6-8, 2009
- **MathFest 2008** (Madison, Wis.), July 31-August 2, 2008

### **Attendance at Major Education Workshops, Conferences, and Panels**

- **Hawai'i Education Summit**, July 9, 2016
- **Hawai'i School Empowerment Conference**, November 28-29, 2014
- **Hawai'i Model Schools Conference**, July 6-7, 2012
- **Model Schools Conference** (Nashville, Tenn.), June 26-29, 2011

### **Awards**

- **MoHS Teacher of the Month**, 2018-2019
- **MoHS Teacher of the Month**, 2016-2017
- **MoHS Teacher of the Month**, 2014-2015
- **MoHS Teacher of the Month**, 2013-2014
- **MoHS Teacher of the Month**, 2010-2011
- **MoHS Teacher of the Month**, 2009-2010
- **2005 Regents Scholar**, University of Hawai'i at Mānoa
- **2005 National Merit Scholar**, Moanalua High School

### **Professional Memberships**

- Hawai'i Council of Teachers of Mathematics (HCTM)
- National Council of Teachers of Mathematics (NCTM)

Last Updated: November 2018