

JONATHAN HAACK CONTACT



Adjunct Faculty, SF Community College oemb1905@jonathanhaack.com
IT Consultant, Schaefer IT Consulting <https://jonathanhaack.com>
Treasurer, NM Council of Teachers of Mathematics 505-557-5336
Board Member, NM Partnership for Math & Science Education

CURRICULUM VITAE

ACADEMIC EXPERIENCE

2016 MA Education, Curriculum & Instruction, NM Highlands University
2006 Alternative Teaching Licensure, Santa Fe Community College
2004 BA, Liberal Arts, St. John's College, Santa Fe

PRESENT ACADEMIC AFFILIATION & ROLE

2014-Present Adjunct Faculty, Santa Fe Community College
Duties: Mathematics and Computer Science Instruction

PRESENT PRIVATE AFFILIATION & ROLE

2017-Present IT Consultant, Schaefer IT Consulting
Duties: Systems Administration, Network Management & Security, VPN Servers

PAST PROFESSIONAL TEACHING EXPERIENCE

2015-2017 Diploma Programme Coordinator, Mathematics Teacher, Mandela IB Charter School
Duties: MYP4, MYP5, DP Coordination, Technology, Website
2011-2015 Mathematics Teacher, Santa Fe High School
Duties: Pre-Algebra, Algebra I, AP Calculus AB/BC, Rtl Coordinator, First Serve Tutor
2010-2011 Math Intervention Teacher, Santa Fe Indian School
Duties: Intervention Specialist, Pre-Algebra, Curriculum Mapping
2006-2010 Mathematics Teacher, De Vargas Middle School
Duties: Assistant Team Leader, Rtl Coordinator, AVID Site Team Coordinator, AVID Elective Teacher, First Serve Tutor

COLLEGIATE COURSES TAUGHT

2017-2018 Introduction to Hardware and Software (ISCS 114), Introduction to Statistics (Math 135)
2015-2016 Trigonometry (Math 155), Precalculus (Math 150), Calculus 1 (Math 162)
2014-2015 College Algebra (Math 121)

PRIMARY & SECONDARY COURSES TAUGHT

2015-Present MYP4 & MYP5 (Extended & Standard)
2014-2015 Geometry Honors
2013-2015 A.P. Calculus BC
2012-2015 A.P. Calculus AB
2006-2015 Algebra 1, Algebra 1 Rtl
2006-2011 Pre-Algebra
2006-2011 AVID Elective
2006-2011 General Math
2006-2011 Do The Math!

EDUCATIONAL LEADERSHIP

2017-present New Mexico Partnership for Math & Science Education, Board Member
2017-present New Mexico Council of Teachers of Mathematics, Treasurer
2012-2017 First Serve New Mexico, Member, Board of Directors
2014-2016 New Mexico Council of Teachers of Mathematics, President
2013-2014 New Mexico Council of Teachers of Mathematics, President Elect
2011-2012 New Mexico Council of Teachers of Mathematics, Northeast Regional Representative
2015-2017 Mandela International Magnet School, Department Co-Chair Mathematics
2014-2015 Santa Fe High School, Department Co-Chair of Mathematics
2012-2013 Santa Fe High School, Department Chair of Mathematics
2009-2010 De Vargas Middle School, Professional Learning Community (PLC) Assistant Chair
2009-2010 De Vargas Middle School, AVID Site Coordinator

TRAININGS / CERTIFICATIONS / LICENSURE

2017	Soar to Greater Heights Annual STEM Conference, miscellaneous workshops
2017	T^3 National Conference, miscellaneous trainings
2017	NCTM National Exposition, Affiliate Training, Affiliate Leadership Activities
2017	T^3 Online National Teacher Leadership Cadre, Member
2017	<u>National Board of Professional Teaching Standards - AYA Secondary Mathematics</u>
2017	<u>Level III Teaching License: Secondary Mathematics, History</u>
2017	NM PED, Making Sense of Student Work in Mathematics (Invite Only)
2016	Soar to Greater Heights Annual STEM Conference, miscellaneous workshops
2016	UWC-USA International Baccalaureate DP Coordinators' Training
2016	UWC-USA International Baccalaureate Cat2 Math SL
2016	UWC-USA International Baccalaureate Cat2 Math HL
2016	Advanced Placement Institute: Calculus BC Certification w/ Gladys Wood
2015	Soar to Greater Heights Annual STEM Conference, miscellaneous workshops
2015	SMART Board Certification 14.3, 15, SF Public Schools Digital Learning Coach
2015	Apple Administrative Training, SF Public Schools Digital Learning Coach
2015	Technology Integration Coaching, SF Public Schools Digital Learning Coach
2015	MidSchoolMath National Conference, Miscellaneous Workshops
2015	Buck Institute, Project Based Learning (PBL) 101
2015	Cultures of Thinking & Global Competencies, Dr. Ritchart & Dr. Mansilla, Project Zero
2014	Soar to Greater Heights Annual STEM Conference, miscellaneous workshops
2014	Advanced Placement Institute: Calculus BC Certification w/ Dixie Ross
2014	High Schools That Work National Conference, Miscellaneous Trainings
2013	Soar to Greater Heights Annual STEM Conference, miscellaneous workshops
2013	SFPS Response to Intervention Trainings
2013	Advanced Placement Institute: Calculus AB Certification w/ Guillermo Barberena
2013	SFPS Common Core Curriculum Mapping Project
2013	SFPS E20/20 Course Alignment Project
2012	Advanced Placement Institute: Calculus AB/BC Certification w/ Nobuo Cedric Galan
2012	Common Core State Standards Summer Institute
2012	Soar to Greater Heights Annual STEM Conference, miscellaneous workshops
2012	High Schools That Work: Math Design Collaborative
2011	<u>Level II Teaching License: Social Studies, Secondary Mathematics</u>
2011	SF Alliance for Science: Ideas About Probability & Statistics
2011	SF Alliance for Science: Topics In Biology
2010	AVID Institute: Elective Teacher II
2010	SF Alliance for Science: Topics In Astronomy & Cosmology
2010	<u>Level II Athletic Coaching License</u>
2010	AVID Institute: Math II
2009	AVID Institute: Elective Teacher I
2008	AVID Summer Institute: Math II, San Diego
2008	SFPS Curriculum In A Box Development Committee
2007	<u>Level I Athletic Coaching License</u>
2007	SFPS Curriculum In A Box Development Committee
2007	AVID Summer Institute: Math I, Sacramento
2006	<u>Level I Teaching License: Social Studies, Secondary Mathematics</u>

SCHOLARLY PRESENTATIONS & WORKSHOPS

- 2017 *Liar's Bingo Revisited*, Soar to Greater Heights Annual STEM Conference, Las Cruces, NM.
- 2016 *Math Circles, Mind Reading, & Perseverance*, Soar to Greater Heights Annual STEM Conference, Socorro, NM.
- 2017 *Math Circles, Mind Reading, & Perseverance*, NM Public Education Department STEM Symposium, Albuquerque, NM.
- 2016 *Storytelling & Mathematics*, NM Public Education Department STEM Symposium, Albuquerque, NM.
- 2016 *Storytelling & Mathematics*, Mid School Math National Conference, Santa Fe, NM.
- 2015 *Storytelling & Mathematics*, Soar to Greater Heights Annual NM STEM Conference, Hobbs, NM.
- 2014 *Mathematics Seminar & Formative Assessment*, Soar to Greater Heights Annual NM STEM Conference, Albuquerque, NM.
- 2014 *Mathematics Seminar & Formative Assessment*, Santa Fe Public Schools Leadership Conference, Santa Fe, NM.
- 2014 *Mathematics Seminar & Formative Assessment*, High Schools That Work National Conference, Opryland, TN.
- 2013 *Blended Learning in Advanced Mathematics*, Soar to Greater Heights Annual NM STEM Conference, Las Cruces, NM.
- 2012 *Edmodo: Worse Than Failure!*, Math Design Collaborative, Albuquerque, NM.

ACADEMIC & ATHLETIC MENTORING

- 2017-present Volunteer, Serious Programming for Youth
- 2015-present Head Coach, Code Talkers Computer Hacking Club for Youth (Won State for MS in '15)
- 2014-2015 Head Coach, Code Talkers Santa Fe Bitcoin Exchange, Santa Fe High School
- 2013-2015 Rhymer's Club, Santa Fe High School
- 2013-2014 Assistant Cross Country Coach, Santa Fe High School
- 2011-2014 Assistant Track Coach, Santa Fe High School
- 2011-2012 Head Boys' Basketball Coach, Santa Fe Indian School
- 2008-2011 Head Boys' Basketball Coach, Monte del Sol Charter School
- 2007-2008 Head Seventh Grade Boys' Basketball Coach, De Vargas Middle School
- 2006-2007 Assistant Eighth Grade Boys' Basketball Coach, De Vargas Middle School
- 2006-2011 Assistant Track Coach, De Vargas Middle School

ENTREPRENEURIAL EXPERIENCE

- 2000-present DBA Haack's Networking
Duties: Systems Administration, Landscaping, Math Tutoring, Basketball Mentoring, Consulting
- 2001-2006 Contracted Network Administrator, New Mexico Coalition for Literacy
Duties: Network Maintenance, Website Management, MARC record keeping

AWARDS, HONORS, GRANTS

- 2013 Masters + Cohort, New Mexico Highlands University, *High Honors*
U.S. Department of Education, CEDSP
- 2016 Masters + Cohort, New Mexico Highlands University, *Full Grant*

COACHING LEADERSHIP

- 2013 Capital City Cross Country Invitational, Official Scorer
- 2012 AAAA Track & Field Regional Championships, Official Scorer
- 2011 Capital City Middle School Invitational, Coordinator
- 2011 SF Indian School Summer Basketball Classic
- 2010 Capital City Middle School Invitational, Coordinator

PROFESSIONAL AFFILIATIONS

- Member, National Council of Teacher of Mathematics
- Member, New Mexico Council of Teacher of Mathematics
- Member, TODOS Math for All
- Member, National Council of Supervisors of Mathematics
- Member, Mathematical Association of America
- Member, Teaching Advanced High School Mathematics, SIGMAA
- Member, International Reading Association
- Member, Association for Supervision and Curriculum Development
- Member, NM Association for Supervision and Curriculum Development
- Member, National Education Association
- Member, New Mexico High School Coaches Association
- Member, New Mexico Activities Association
- Member, New Mexico Track & Cross Country Coaches Association

AREAS OF ACADEMIC INTEREST

Educational Leadership
Quantitative Social Science Research
Mixed Methods Research
High Resolution Educational Data Analysis
Curriculum & Instruction
Traditionally Under-served Communities
Flipped Classrooms & Blended Learning
Critical Pedagogy
Paideia Theory & Implementation
Math Seminar
Thinking Routines
Short Cycle Formative & Summative Assessments
Curriculum Development & Oversight
Semiotic & Linguistic Theory
Project Based Learning
Western & Eastern Classics
The Great Books
Achievement Gap Research
Classical Liberalism
Action Research
Computational Research
Privately Funded Research
Coaching Basketball
Coaching Long Distance Running