
Current positions	<p>CARNEGIE MELLON UNIVERSITY, Pittsburgh, Pennsylvania Associate Professor of Mathematics, 2015–present; Asst. Professor, 2010–2015</p> <p>MATHEMATICAL ASSOCIATION OF AMERICA, Washington, D.C. National Coach, USA International Math Olympiad Team, 2013–present Assistant (2002, 2003); Instructor (2008, 2009); Deputy Leader (2004, 2010–2013)</p> <p>EXPII, INC., Pittsburgh, Pennsylvania Founder and CEO, 2014–present</p>
Previous positions	<p>MICROSOFT RESEARCH, Seattle, Washington Research Intern, Summer 2009</p> <p>THE D.E. SHAW GROUP, New York, New York Quantitative Analyst Intern, Summers 2005 and 2007</p>
Education	<p>PRINCETON UNIVERSITY, Princeton, New Jersey Ph.D., Mathematics, 2010</p> <p>CAMBRIDGE UNIVERSITY, Cambridge, United Kingdom Master of Advanced Study in Mathematics with Distinction, 2005</p> <p>CALIFORNIA INSTITUTE OF TECHNOLOGY, Pasadena, California Bachelor of Science with Honor, Mathematics, 2004; GPA 4.3/4.3, class rank 1</p>
Awards, fellowships, and grants	<p>United States Presidential Early Career Award for Scientists and Engineers (2019) Coach, 4-time winning Int'l Math Olymp team ('15, '16, '18, '19); last USA win '94 Ryan Award for Meritorious Teaching (typically one per year), CMU (2019) Nat'l Sci. Fndn. CAREER Grant DMS-1455125, Extremal Combinatorics ('15–'20) E-Learning Bronze Award (ExpII), 2016 QS Reimagine Education Awards Finalist (ExpII), 2016 SXSWedu Startup Competition Pittsburgh 40 under 40, Pittsburgh Magazine (2017) ExpII grants: Overdeck Family Fndn. and Templeton World Charity Fndn. ('16, '18) Nat'l Sci. Fndn. Grant DMS-1201380, Extremal Combinatorics (2012–2015) Coach, CMU Putnam math team rank #2,5,2,5,2,1 (2011–2016); last top-5 in 1987 Nat'l Security Agency Young Investigators Grant (2011–2012) USA-Israel Binational Science Foundation Grant (2011–2015) Nat'l Sci. Fndn. Infrastructure Grant for USA Math Olymp. Program ('10–'13) Fannie and John Hertz Foundation Graduate Fellowship (2005–2010) Nat'l Sci. Fndn. Graduate Research Fellowship (2006–2009) Winston Churchill Foundation Scholarship (2004–2005) for study at Cambridge 16th and 18th places, 2002 and 2003 Putnam Mathematical Competitions 7th place team, 2004 Assoc. Comput. Machinery Int'l Colleg. Programming Contest Silver medal, 1999 Int'l Math Olympiad / 3rd place, 1996 Nat'l MathCounts Only 1999 Nat'l Olymp. training camp qualifier in 3 subj. (math, comput., chem.)</p>

Patent	E. Lubetzky, Y. Peres, D. Malkhi, P. Loh, Distributed stochastic clustering for automated formation of connected networks of agents, <i>U.S. Patent #9575809</i> , filed Jan. 10, 2012
Structural innovations	<p><i>USA Math Olympiad training program (2010–present).</i> Shifted primary focus away from near-term training for USA performance on (high school) International Math Olympiad competition itself, towards promotion of long-term success of identified talent through motivation and guidance. Secured new National Science Foundation grant to introduce connections to research and higher math. Globalized scope to invite top foreign students to join USA national training program. Expanded National Coach strategy to mathematically inspire wide base of students through public outreach. Even with focus shift from near-term training to long-term talent cultivation, USA math team ranked #2, #1, #1, #3, #1, and #1 in six years as National Coach, ending 20-year gap in first-place finishes.</p> <p><i>Carnegie Mellon University (2010–present).</i> While coach, CMU math team had six consecutive top-5 rankings in Putnam competition, breaking 20-year gap in top-5 finishes and setting university records (#2 followed by #1). For each of past seven years, CMU also had 2nd-most students individually ranked in top-500 among all universities, representing 6-fold increase over historical average. Achieved this by co-leading creation and management of undergraduate focused ultra-honors program, mentoring student talent, and matching students with advanced education and research opportunities.</p> <p><i>Expii (2014–present).</i> Founded social enterprise to deliver a free virtual math/science tutor on every smartphone worldwide, powered by artificial intelligence and crowdsourcing openly-licensed educational resources. Funded development with non-traditional combination of high-net-worth individual investors, philanthropic foundations, and sales of founder’s self-produced educational content, with long-term sustainability model based on marketplace for add-on human tutoring (effectively generating revenue from wealthy to subsidize education of mass public). Structured strategy for goal of ultimately constructing a new education research institution, independent of traditional commercial interests, with full control of social mission.</p>
Research focus	Advance theoretical understanding of combinatorics, probability, and algorithms, while practically implementing, commercializing, and scaling real-world applications
Selected publications (full list of 40 at end)	<p>M. Lavrov, P. Loh, and A. Messegué, Distance-Uniform Graphs with Large Diameter, <i>SIAM Journal on Discrete Mathematics</i> 33 (2019) 994–1005.</p> <p>P. Loh and J. Ma, Diameter critical graphs, <i>Journal of Combinatorial Theory Series B</i> 117 (2016), 34–58</p> <p>M. Lavrov and P. Loh, Hamiltonian increasing paths in random edge orderings, <i>Random Structures and Algorithms</i> 48 (2016), 588–611</p> <p>J. Fox, P. Loh, and Y. Zhao, The critical window for the classical Ramsey-Turán problem, <i>Combinatorica</i> 35 (2015), 435–476</p>

P. Loh and E. Lubetzky, Stochastic coalescence in logarithmic time, *Annals of Applied Probability* **23** (2013), 492–528

**Selected
research talks**

Society of Industrial and Applied Mathematics Annual Meeting, American Math Society Invited Presentation, *Connections in Extremal Combinatorics: Ramsey Theory* (2017)

**(full list of
115 at end)**

Stanford Mathematics Department Colloquium, *Directed paths: from Ramsey to Ruzsa and Szemerédi* (2016)

National Institutes of Health Frontiers in Data Science Lecture Series (talk joint with National Science Foundation), *World-Scale Personalized Learning through Crowdsourcing and Algorithms* (2016)

International Congress of Mathematicians 2014 Satellite Conference on Extremal and Structural Graph Theory (Gyeongju, Korea), *Diameter critical graphs* (2014)

Association for Computing Machinery — Society for Industrial and Applied Mathematics Symposium on Discrete Algorithms (Kyoto, Japan), *Stochastic coalescence in logarithmic time* (2012)

**Select media
coverage
(full list of
51 at end)**

In 2016, contributed 4 puzzles published in *The New York Times* “Numberplay,” 3 in *FiveThirtyEight* “Riddler,” and 1 in *The Wall Street Journal* “Varsity Math”
nyti.ms/2k01LMk nyti.ms/2k4n9md nyti.ms/2k4AivB nyti.ms/2k5n01W53eig.ht/211CTwA 53eig.ht/2aMQR7j 53eig.ht/2ijvLLM on.wsj.com/1Q4czFi

Promoted math through interviews with international press after USA team won International Math Olympiad in 2015 and 2016. Featured on *CBS Weekend News*, quoted in *Washington Post*, *NPR*, *The Atlantic*, *China Newsweek*, etc. Selected:
cbsnews.com/news/americas-best-young-math-minds-compete-in-rio
wpo.st/EMFZ2 wpo.st/ZJzZ2 n.pr/1TIURr3 53eig.ht/2bSSfbu
theatlantic.com/magazine/archive/2016/03/the-math-revolution/426855
lat.ms/1fE20y0 str.sg/Ze6V news.inewsweek.cn/detail-2135.html

Featured in or co-created YouTube videos totaling over 5 million views, including the 2nd most popular in Carnegie Mellon University channel. youtu.be/IUTGFQpKaPU

Created interactive site for weekly creative math puzzles expii.com/solve, which was used for collaboration with film *The Man Who Knew Infinity* to run first phase of new global search for undiscovered math talent. Appeared in *The Hindu*.
ifcfilms.com/films/the-man-who-knew-infinity
thehindu.com/features/education/spirit-of-ramanujan-math-talent-initiative/article8630088.ece

Math consultant quoted about basketball free throws s.cleveland.com/01HF13J and Pi Day n.pr/1MwveW0

**Selected
general talks
(full list of
369 at end)**

Estimated total yearly in-person audiences reached: 2018 (15,000 people through 87 talks), 2017 (8,000 people through 66 talks), 2016 (4,000 people through 60 talks)

Commencement Keynote, Duquesne University School of Education, *The Future of Education* (2018)

National Museum of Mathematics (New York), Math Encounters Public Lecture, *Massive Numbers, from the International Mathematical Olympiad* (2015)

Commencement Keynote, Chinese International School (Hong Kong), *Mathematics and Impact* (2017)

Bangladesh Mathematical Olympiad (Dhaka, Bangladesh), public lecture for math students and entrepreneurs, *Math and Creativity; Entrepreneurship* (2016)

SXSWedu Conference & Festival (Austin), Launch Startup Competition Finalist Pitch, *Personal Learning* (2016)

Advisory / committees

Association for Women in Mathematics Advisory Board (2016–present)

Fannie and John Hertz Foundation Fellowship Interviewer (2016–present), and Program Committee (2017–present)

New York Academy of Sciences Global STEM Alliance, STEM Education Framework Advisory Board (2016–present)

Mathematical Association of America Second Century Campaign Steering Committee (2015–2016)

Research papers (full)

D. Chakraborti and P. Loh, Minimizing the number of copies of K_r in an F -saturated graph, submitted.

P. Loh, Directed paths: from Ramsey to Ruzsa and Szemerédi, *Combinatorics, Probability and Computing*, under revision

M. Lavrov, P. Loh, and A. Messegué, Distance-uniform graphs with large diameter, *SIAM Journal on Discrete Mathematics* **33** (2019) 994–1005.

M. Krivelevich, M. Kwan, P. Loh, and B. Sudakov, The random k -matching-free process, *Random Structures and Algorithms*, **53** (2018), 692–716

J. Briggs, A. Frieze, M. Krivelevich, P. Loh, and B. Sudakov, Packing Hamilton cycles online, *Combinatorics, Probability and Computing*, **27** (2018), 475–495

P. Loh, M. Tait, and C. Timmons, Induced Turán numbers, *Combinatorics, Probability and Computing* **27** (2018), 274–288

P. Loh and S. Oh, Cops and robbers on planar directed graphs, *Journal of Graph Theory, Journal of Graph Theory*, **86** (2017), 329–340

B. Bukh, P. Loh, and G. Nivasch, Classifying unavoidable Tverberg partitions, *Journal of Computational Geometry*, **8** (2017), 174–205

P. Loh and J. Ma, Diameter critical graphs, *Journal of Combinatorial Theory, Series B*, **117** (2016), 34–58

M. Lavrov and P. Loh, Hamiltonian increasing paths in random edge orderings, *Random Structures and Algorithms*, **48** (2016), 588–611

C. Lee, P. Loh, and B. Sudakov, Judicious partitions of directed graphs, *Random Structures and Algorithms*, **48** (2016), 147–170

- R. Graham, L. Hamilton, A. Levavi, and P. Loh, Anarchy is free in network creation, *ACM Transactions on Algorithms*, **12** (2016), Article No. 15. Refereed conference version appeared in proceedings of: *10th International Workshop on Algorithms and Models for the Web Graph*, Lecture Notes in Computer Science **8305** (2013), 220–231.
- W. Gan, P. Loh, and B. Sudakov, Maximizing the number of independent sets of a fixed size, *Combinatorics, Probability and Computing*, **24** (2015), 521–527
- J. Fox, P. Loh, and Y. Zhao, The critical window for the classical Ramsey-Turán problem, *Combinatorica* **35** (2015), 435–476
- J. Iglesias, N. Ince, and P. Loh, Computing with voting trees, *SIAM Journal on Discrete Mathematics*, **28** (2014), 673–684
- P. Loh and R. Pagh, Thresholds for extreme orientability, *Algorithmica*, **69** (2014), 522–539
- D. Bal, A. Frieze, M. Krivelevich, and P. Loh, Packing tree factors in random and pseudo-random graphs, *The Electronic Journal of Combinatorics*, **21** (2014), P2.8
- A. Frieze and P. Loh, Rainbow Hamilton cycles in random graphs, *Random Structures and Algorithms*, **44** (2014), 328–354
- C. Lee, P. Loh, and B. Sudakov, Bisections of graphs, *Journal of Combinatorial Theory, Series B*, **103** (2013), 599–629
- C. Lee, P. Loh, and B. Sudakov, Self-similarity of graphs, *SIAM Journal on Discrete Mathematics*, **27** (2013), 959–972
- P. Loh and E. Lubetzky, Stochastic coalescence in logarithmic time, *Annals of Applied Probability*, **23** (2013), 492–528. Refereed conference version appeared in proceedings of: *Twenty-Third Annual ACM-SIAM Symposium on Discrete Algorithms* (2012), 541–550.
- J. Fox and P. Loh, On a problem of Erdős and Rothschild on edges in triangles, *Combinatorica*, **32** (2012), 619–628
- A. Dudek, A. Frieze, P. Loh, and S. Speiss, Optimal divisibility conditions for loose Hamilton cycles in random hypergraphs, *The Electronic Journal of Combinatorics*, **19** (2012), P44
- A. Frieze, M. Krivelevich, and P. Loh, Packing tight Hamilton cycles in 3-uniform hypergraphs, *Random Structures and Algorithms*, **40** (2012), 269–300. Refereed conference version appeared in proceedings of: *Twenty-Second Annual ACM-SIAM Symposium on Discrete Algorithms* (2011), 913–932.
- H. Huang, P. Loh, and B. Sudakov, The size of a hypergraph and its matching number, *Combinatorics, Probability and Computing*, **21** (2012), 442–450
- A. Frieze, M. Krivelevich, and P. Loh, Variations on Cops and Robbers, *Journal of Graph Theory*, **69** (2012), 383–402
- T. Bohman, A. Frieze, M. Krivelevich, P. Loh, and B. Sudakov, Ramsey games with giants, *Random Structures and Algorithms*, **38** (2011), 1–32

P. Loh, O. Pikhurko, and B. Sudakov, Maximizing the number of q -colorings, *Proceedings of the London Mathematical Society* **101** (2010), 655–696

P. Loh, A note on embedding hypertrees, *The Electronic Journal of Combinatorics*, **16** (2009), N18

P. Loh and B. Sudakov, Constrained Ramsey Numbers, *Combinatorics, Probability and Computing*, **18** (2009), 247–258

J. Fox, P. Loh, and B. Sudakov, Large induced trees in K_r -free graphs, *Journal of Combinatorial Theory, Series B*, **99** (2009), 494–501

M. Krivelevich, P. Loh, and B. Sudakov, Avoiding small subgraphs in Achlioptas processes, *Random Structures and Algorithms*, **34** (2009), 165–195

P. Loh and B. Sudakov, On the strong chromatic number of random graphs, *Combinatorics, Probability and Computing*, **17** (2008), 271–286

P. Loh and B. Sudakov, Independent transversals in locally sparse graphs, *Journal of Combinatorial Theory, Series B*, **97** (2007), 904–918

P. Keevash, P. Loh, and B. Sudakov, Bounding the number of edges in permutation graphs, *The Electronic Journal of Combinatorics*, **13** (2006), R44

P. Loh and L. Schulman, Improved expansion of random Cayley graphs, *Discrete Mathematics and Theoretical Computer Science*, **6** (2004), 523–528

P. Loh, Finding shortest paths with computational geometry, *Journal of Graph Algorithms and Applications*, **7** (2003), 287–303

Publications (general)

P. Loh, 57th International Mathematical Olympiad, *Mathematics Magazine*, **89** (2016), 388–397

P. Loh, 56th International Mathematical Olympiad, *Mathematics Magazine*, **88** (2015), 305–315

P. Loh, 55th International Mathematical Olympiad, *Mathematics Magazine*, **87** (2014), 310–317

A. Frieze and P. Loh, The Probabilistic Method, book chapter in: J. Gross, J. Yellen, P. Zhang (eds.), *Handbook of Graph Theory*, 2nd edition, Chapman and Hall / CRC (2013), 1026–1037

Editors T. Andreescu, Z. Feng, and P. Loh, *USA and International Mathematical Olympiads 2004*, book published by Mathematical Association of America (2005), 100 pages

Research talks

AMS Fall Eastern Sectional Meeting, University of Delaware (2018)

Math Department Colloquium, University of Delaware (2018)

Combinatorics Seminar, Yale University (2018)

SIAM Annual Meeting AMS Invited Presentation (2017)

Ninth Shanghai Conference on Combinatorics (2017)

Workshop on Extremal Combinatorics, Tsinghua Sanya International Math Forum (2017)

AMS Spring Central Sectional Meeting, Indiana University Bloomington (2017)

Math Department Colloquium, Georgia State University (2017)

Math Department Colloquium, University of Wisconsin Madison (2016)

SIAM Conference on Discrete Mathematics, Atlanta, Georgia (2016)

Computer Science Seminar, City University of Hong Kong (2016)

National Institutes of Health Frontiers in Data Science Lecture Series, joint with National Science Foundation (2016)

AMS Spring Western Sectional Meeting, University of Utah, Salt Lake City (2016)

Math Department Colloquium, Stanford University (2016)

AMS Special Session on Pseudorandomness and Its Applications, Joint Math Meetings, Seattle (2016)

Combinatorics Seminar, Tel Aviv University (2015)

Computer Science Seminar, Indian Institute of Technology Delhi (2015)

AMS Central Fall Sectional Meeting, Loyola University, Chicago (2015)

Featured Speaker, Annual Mathematics Conference, Miami University (2015)

Workshop on Extremal and Probabilistic Combinatorics, University of Birmingham, United Kingdom (2015)

Workshop on Methods and Challenges in Extremal and Probabilistic Combinatorics, Banff, Canada (2015)

Mini-Workshop on Extremal Combinatorics, University of Science and Technology of China, Hefei (2015)

Minisymposium on Extremal Combinatorics, International Congress on Industrial and Applied Mathematics, Beijing (2015)

Conference on random structures and algorithms, Carnegie Mellon University (2015)

Connections in Discrete Mathematics Conference, Simon Fraser University (2015)

AMS Spring Western Sectional Meeting, University of Nevada, Las Vegas (2015)

Discrete Math Day of the Northeast, Bard College (2015)

AMS Central Spring Sectional Meeting, Michigan State University (2015)

Math Department Colloquium, University of San Francisco (2015)

ICM 2014 Satellite Conference on Extremal and Structural Graph Theory, Gyeongju, Korea (2014)

Clay workshop on extremal and probabilistic combinatorics, Oxford (2014)

Cumberland conference on graph theory, combinatorics, and computing, West Virginia University (2014)

Combinatorics seminar, University of California Los Angeles (2014)

Erdős lecture series, University of Memphis (2014)

New York combinatorics seminar, CUNY Graduate Center (2014)

Combinatorics seminar, University of Delaware (2014)

Workshop on combinatorics, Oberwolfach, Germany (2014)

Combinatorics seminar, Tel Aviv University (2013)

Algebra, Combinatorics, and Geometry Seminar, University of Pittsburgh (2013)

Special session on Extremal Graph Theory, AMS Southeastern Sectional Meeting, University of Louisville (2013)

Mittagseminar, Institute of Theoretical Computer Science, ETH Zürich (2013)

Conference on random structures and algorithms, Poznań, Poland (2013)

Combinatorial theory seminar, Oxford University (2013)

Combinatorics seminar, University of California Los Angeles (2013)

Combinatorics seminar, California Institute of Technology (2013)

Special session on Extremal Combinatorics, AMS Central Sectional Meeting, Iowa State University (2013)

Atlanta Lecture Series in combinatorics and graph theory, Atlanta, GA (2013)

Workshop on extremal and probabilistic combinatorics, UCLA (2013)

Discrete math seminar, Korea Advanced Institute of Science and Technology (2013)

Combinatorics seminar, Tel Aviv University (2012)

Combinatorics seminar, Massachusetts Institute of Technology (2012)

Algorithms, combinatorics, and optimization seminar, Carnegie Mellon University (2012)

Workshop on new trends and directions in combinatorics, Banff, Canada (2012)

SIAM conference on Discrete Mathematics, Halifax, Canada (2012)

Workshop on hypergraph Turán problems, Oberwolfach, Germany (2012)

WilsonFest (Combinatorics), Caltech (2012)

Combinatorics seminar, Georgia Tech (2012)

Combinatorics and probability seminar, University of Pennsylvania (2012)

ACM-SIAM Symposium on Discrete Algorithms, Kyoto, Japan (2012)

Mini-symposium on Probabilistic Combinatorics, AMS-MAA-SIAM Joint Mathematics Meetings, Boston (2012)

Combinatorics seminar, The Hebrew University of Jerusalem (2011)

Combinatorics seminar, Tel Aviv University (2011)

Combinatorics seminar, University of California Los Angeles (2011)

Combinatorics seminar, California Institute of Technology (2011)

Special session on Extremal Combinatorics, AMS Southeastern Sectional Meeting, Wake Forest University (2011)

Math Department Colloquium, Georgia State University (2011)

Workshop on graph limits, American Institute of Mathematics, Palo Alto (2011)

Workshop on randomized and approximation algorithms, Dagstuhl, Germany (2011)

Probability seminar, University of Cambridge (2011)

Mini-symposium on probabilistic Combinatorics, Canadian Discrete and Algorithmic Mathematics Conference, Victoria, Canada (2011)

Conference on random structures and algorithms, Atlanta, Georgia (2011)

Computer Science theory seminar, California Institute of Technology (2011)

Combinatorics seminar, University of California Los Angeles (2011)

Combinatorics seminar, Massachusetts Institute of Technology (2011)

ACM-SIAM Symposium on Discrete Algorithms, San Francisco (2011)

Workshop on Combinatorics, Oberwolfach, Germany (2011)

Math Department Colloquium, Dartmouth College (2010)

Computer Science theory seminar, Carnegie Mellon University (2010)

Combinatorics seminar, University of California Los Angeles (2010)

Combinatorics seminar, California Institute of Technology (2010)

SIAM conference on Discrete Mathematics, Austin, TX (2010)

Combinatorics seminar, Tel Aviv University (2010)

Specialized session in Combinatorics, Israeli Mathematical Union Annual Meeting, Weizmann Institute, Israel (2010)

Combinatorics seminar, Institute of Pure and Applied Mathematics, Los Angeles (2009)

Workshop on graphs and hypergraphs, Institute of Pure and Applied Mathematics, Los Angeles (2009)

Workshop on probabilistic and extremal Combinatorics, Banff (2009)

Conference on random structures and algorithms, Poznań, Poland (2009)

Workshop on Combinatorics, randomization, algorithms, and probability, Centre de Recherches Mathématiques, Montreal (2009)

Combinatorics seminar, California Institute of Technology (2009)

Special session on probabilistic and extremal Combinatorics, AMS Central Sectional Meeting, Urbana, IL (2009)

Discrete math seminar, Princeton University (2009)

Discrete math seminar, Columbia University (2009)

Geometry seminar, New York University (2009)

Combinatorics seminar, Rutgers University (2009)

Combinatorics seminar, University of California Los Angeles (2009)

Mathematical Sciences colloquium, Carnegie Mellon University (2009)

Probability seminar, University of Southern California (2009)

Algorithms, combinatorics, and optimization seminar, Carnegie Mellon University (2009)

SIAM conference on Discrete Mathematics, Burlington, VT (2008)

Computer Science theory seminar, California Institute of Technology (2008)

Combinatorics seminar, University of California San Diego (2008)

Probability seminar, University of California Los Angeles (2008)

Combinatorics seminar, California Institute of Technology (2008)

Combinatorics seminar, City University of New York (2007)

European conference in Combinatorics, graph theory, and applications, Seville, Spain (2007)

Combinatorics seminar, California Institute of Technology (2007)

Combinatorics seminar, University of California San Diego (2007)

Workshop on extremal graphs and hypergraphs, Carnegie Mellon University (2007)

Combinatorics seminar, University of Pennsylvania (2006)

Computer Science / discrete math seminar, Institute for Advanced Study (2006)

Combinatorics seminar, Rutgers University (2006)

Combinatorics seminar, City University of New York (2006)

Combinatorics seminar, California Institute of Technology (2006)

Workshop on algebraic and geometric methods in Combinatorics, DIMACS, Rutgers University (2005)

Morgan Prize honorable mention lecture, AMS-MAA-SIAM Joint Meetings, Atlanta, GA (2005)

Media coverage (full)

Jonathan Kersting, The Wilson Group, Wizard IT, and Expii Hit the Airwaves on TechVibe Radio, *Pittsburgh TechVibe Radio KDKA 1020AM*, Mar. 11, 2019, <https://pghtechfuse.com/podcasts/the-wilson-group-wizard-it-and-expii-hit-the-airwaves-on-techvibe-radio/>

Mahbub Majumdar, America just won the world's hardest math contest. Again., *Washington Post*, Aug. 01, 2018, www.washingtonpost.com/opinions/america-just-won-the-worlds-hardest-math-contest-again/2018/08/01/b634f308-9594-11e8-8ffb-5de6d5e49ada_story.html

Anya Sostek, CMU professor hopes to bring math to the masses, *Pittsburgh Post-Gazette*, May. 07, 2018, www.post-gazette.com/news/education/2018/05/07/po-shen-loh-expii-math-olympiad-steeltown-Carnegie-Mellon-University-CMU/stories/201805010004

Jim Axelrod, America's best young math minds compete in Rio, *CBS Evening News*, Jul. 22, 2017, www.cbsnews.com/news/americas-best-young-math-minds-compete-in-rio/

Bill Flanagan, Pittsburgh Startup, ExpII, Redefines Online Education, *WPXI Our Region's Business (NBC Pittsburgh)*, May. 14, 2017, www.youtube.com/watch?v=syXoDIGgS2s

Amanda Waltz, Meet the UpPrize Impactful Technologies finalists, *NEXT Pittsburgh*, Mar. 23, 2017, www.nextpittsburgh.com/current-features/meet-the-upprize-impactful-technologies-finalists/

Anyone Can Be a Math Person Once They Know the Best Learning Techniques, *Big Think*, Mar. 17, 2017, bigthink.com/videos/po-shen-loh-says-anyone-can-be-a-math-person-if-they-know-the-best-learning-techniques

美国奥数总教练和英皇家统计学会会员告诉你为什么要学AMC?, *Shenzhen News Network*, Mar. 14, 2017, www.sznews.com/education/content/2017-03/14/content_15655202.htm

Bob Dylan & The Oregon Trail Inspired These 2 Math Problems. Can You Solve Them?, *Big Think*, Feb. 24, 2017, bigthink.com/hertz-foundation/math-made-easy-how-learning-like-a-child-can-help-you

Catherine Meyers, Exploring the Math in "Hidden Figures", *Inside Science*, Feb. 24, 2017, www.insidescience.org/news/exploring-math-hidden-figures

How a Math Algorithm Could Educate the Whole World for Free, *Big Think*, Feb. 16, 2017, bigthink.com/videos/po-shen-loh-using-technology-to-educate-the-globe

Ryan Deto, Carnegie Mellon University Pittsburgh professor applies math to real-life problems in Pittsburgh and around the world, *Pittsburgh City Paper*, Feb. 08, 2017, www.pghcitypaper.com/pittsburgh/carnegie-mellon-university-pittsburgh-professor-applies-math-to-real-life-problems-in-pittsburgh-and-around-the-world

Finding The Right Equation To Encourage Math Students, *The Tribune (Bahamas)*, Feb. 07, 2017, www.tribune242.com/news/2017/feb/07/finding-right-equation-encourage-math-students/

Po-Shen Loh presents a better way to do mathematics, *The Nassau Guardian*, Feb. 06, 2017, www.thenassauguardian.com/news/70898-po-shen-loh-presents-a-better-way-to-do-mathematics

Oliver Roeder, Build Your Own Death Star And Defeat The Stormtroopers, *FiveThirtyEight*, Dec. 23, 2016, fivethirtyeight.com/features/build-your-own-death-star-and-defeat-the-stormtroopers/

Gary Antonick, The World's Greatest Detective, *The New York Times*, Sep. 19, 2016, www.nytimes.com/2016/09/19/crosswords/loh-detective.html

Jody Avirgan, Count One More Gold For the U.S. — In Math, *FiveThirtyEight*, Aug. 25, 2016, fivethirtyeight.com/features/count-one-more-gold-for-the-u-s-in-math/

Robyn Shulman, When Math And Creativity Combine: U.S. Wins Math Olympiad For Second Consecutive Year, *The Huffington Post*, Aug. 24, 2016, www.huffingtonpost.com/robyn-shulman-/when-math-and-creativity-_b_11669968.html

宇亭 (Yu Ting) and 宋升桦 (Song Shenghua), 奥赛美国接连夺冠 总教练谈数学新思维 (USA Math Olympiad Coach Discusses Math and Thinking), 今日大纽约 (*New York Today*), Aug. 24, 2016, www.ntdtv.com/xtr/gb/2016/08/25/a1283004.html

Emily Richmond, The U.S. Olympians Who Won Gold—But Not in Rio, *The Atlantic*, Aug. 19, 2016, www.theatlantic.com/education/archive/2016/08/the-us-olympians-who-won-goldbut-not-in-rio/496529/

Oliver Roeder, Can You Solve The Puzzle Of Pokémon Go Efficiency?, *FiveThirtyEight*, Aug. 12, 2016, fivethirtyeight.com/features/can-you-solve-the-puzzle-of-pokemon-go-efficiency/

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**Presentations
(general)**

National Museum of Mathematics, New York City, Jul. 30, 2019

Pittsburgh Chinese Association Youth Center, Pittsburgh, Jul. 28, 2019

Fairfax County Association for the Gifted, McLean, VA, Jul. 25, 2019

Royal College of Physicians, G-Research Distinguished Speaker Series, London, Jul. 22, 2019

Ray Chinese School, Chicago, Jul. 8, 2019

Saudi Arabia Research Science Institute Distinguished Speaker, King Abdullah University of Science and Technology, Jul. 7, 2019

Kuen Cheng High School, Kuala Lumpur, Jul. 6, 2019

Malaysia Teachers Conference, Kuala Lumpur, Jul. 6, 2019

Canada/USA Mathcamp, Lewis and Clark College, Portland, OR, Jun. 28, 2019

Beaverton City Library, Portland, OR, Jun. 28, 2019

Portland Community Public Talk, Portland, OR, Jun. 28, 2019

Yanan Middle School, Shanghai, May. 30, 2019

BASIS Shenzhen, Shenzhen, China, May. 29, 2019

Green Oasis School, Shenzhen, China, May. 28, 2019

BASIS International School Park Lane Harbour, Shenzhen, China, May. 28, 2019

Beijing Chaoyang Kaiwen School, Beijing, May. 27, 2019

Yanan Middle School, Shanghai, May. 24, 2019

Saudi Arabia International Science Olympiad Training Closing Keynote, King Abdullah University of Science and Technology, May. 21, 2019

MATHCOUNTS National Competition Parents Talk, Orlando, May. 11, 2019

Math for America Educator Professional Development Session, New York City, May. 9, 2019

Mid-Atlantic MATHCOUNTS, Villanova University, Apr. 20, 2019

St. Andrew's School, Middletown, DE, Apr. 13, 2019

Williston Northampton School, Easthampton, MA, Apr. 12, 2019

Math for America Educator Professional Development Session, New York City, Apr. 9, 2019

Berkeley Math Tournament, Berkeley, Apr. 7, 2019

The Academy for Teachers, New York City, Apr. 2, 2019

Lone Star Community College, Houston, TX, Mar. 31, 2019

Honor Roll School, Houston, TX, Mar. 31, 2019

Texas State MATHCOUNTS Competition Keynote and Host, Austin, TX, Mar. 30, 2019

Math for America Educator Professional Development Session, New York City, Mar. 26, 2019

Lexington Community Public Lecture, Lexington, MA, Mar. 24, 2019

Lexington Math Tournament, Lexington, MA, Mar. 23, 2019

TEDxUWCChangshu, Changshu, China, Mar. 17, 2019

RDFZ King's College School, Hangzhou, China, Mar. 13, 2019
Lvcheng School, Hangzhou, China, Mar. 13, 2019
Yungu School, Hangzhou, China, Mar. 11, 2019
Hangzhou Entel Foreign Language School, Hangzhou, China, Mar. 11, 2019
Alphastar Academy, San Francisco, Mar. 3, 2019
Stanford Math Tournament, Stanford, Mar. 2, 2019
New York Academy, New York City, Feb. 25, 2019
Harvard-MIT Math Tournament, MIT, Feb. 16, 2019
MIT Festival of Learning, Boston, Jan. 30, 2019
Carnegie Mellon Informatics and Math Competition, Pittsburgh, Jan. 26, 2019
Korean Math Olympiad Winter School, Korea Advanced Institute of Science and Technology, Daejeon, South Korea, Jan. 10, 2019
Xin Fuxue International Academy, Beijing, Jan. 06, 2019
Berkeley mini Math Tournament, Beijing, Jan. 05, 2019
Kaiwen Academy, Beijing, Jan. 04, 2019
High School Attached to Capital Normal University, Beijing, Jan. 04, 2019
Yuanhengjia Chongqing College, Chongqing, China, Jan. 01, 2019
Bashu Secondary School, Chongqing, China, Dec. 30, 2018
Jianlan Middle School, Hangzhou, China, Dec. 28, 2018
Yucui School, Hangzhou, China, Dec. 27, 2018
Guancheng Middle School, Hangzhou, China, Dec. 27, 2018
Hede Ningbo School, Ningbo, China, Dec. 26, 2018
High School Affiliated to Shanghai Jiao Tong University, Shanghai, Dec. 25, 2018
Orange County Math Circle, Irvine, CA, Dec. 16, 2018
San Diego Math Circle, San Diego, Dec. 15, 2018
Brilliant Breakfast Series, University of Pittsburgh Honors College, Pittsburgh, Dec. 04, 2018
Soong Ching Ling School, Shanghai, Nov. 23, 2018
Yungu School, Hangzhou, China, Nov. 22, 2018
Berkeley mini Math Tournament, Berkeley, Nov. 18, 2018
West Windsor Plainsboro Education Support Association, West Windsor, NJ, Nov. 17, 2018
Princeton University Mathematics Competition, Princeton, Nov. 17, 2018
Harvard-MIT Math Tournament, Harvard, Nov. 10, 2018

Three Rivers Education Technology Conference, Pittsburgh, Nov. 06, 2018
Olympiads School Public Lectures, Toronto, Nov. 03, 2018
Hunter College High School, New York City, Oct. 22, 2018
Bergen County Academies, Hackensack, NJ, Oct. 14, 2018
Public Lecture, ZGC Innovation Center, Santa Clara, CA, Oct. 07, 2018
Global Math Week Kickoff Conference, Santa Clara University, Oct. 06, 2018
Peking University Elementary School guests at Winchester Thurston School, Pittsburgh, Sep. 27, 2018
Public Lecture, East China Normal University Press, Shanghai, Aug. 11, 2018
Hampshire College Summer Studies in Mathematics, Amherst, MA, Aug. 04, 2018
Bridge to Enter Advanced Mathematics (focused on underserved students), Assembly talk, New York City, Aug. 03, 2018
AwesomeMath Summer Program, University of Puget Sound, Tacoma, Washington, Jul. 28, 2018
Bridge to Enter Advanced Mathematics (focused on underserved students), Assembly talk, Los Angeles, Jul. 19, 2018
Bulgaria-Romania-USA Joint Olympiad Training Camp, Busteni, Romania, Jul. 02, 2018
Canada/USA Mathcamp, Colorado School of Mines, Golden, CO, Jun. 29, 2018
Huangpu Luwan No. 1 Central Elementary School, Shanghai, May. 31, 2018
Suzhou Foreign Language School, Suzhou, China, May. 30, 2018
Hangzhou Foreign Language School, Hangzhou, China, May. 29, 2018
Yungu School, Hangzhou, China, May. 28, 2018
Public Lecture, Shenzhen, China, May. 26, 2018
Yali Middle School, Changsha, China, May. 25, 2018
Peking University Elementary School, Beijing, May. 24, 2018
Harbin No. 3 High School Nangang Campus, Harbin, China, May. 23, 2018
Harbin No. 3 High School Qunli Campus, Harbin, China, May. 23, 2018
Aidi International School, Beijing, May. 22, 2018
Studio Middle School, Los Angeles, May. 18, 2018
Symposium Talk, Intel International Science and Engineering Fair, Pittsburgh, May. 15, 2018
Commencement Keynote, Duquesne University School of Education, Pittsburgh, May. 12, 2018
San Diego Math Circle, San Diego, Apr. 29, 2018

Las Vegas Middle School Math Club, Las Vegas, Apr. 28, 2018
Derry High School, Derry, PA, Apr. 24, 2018
University of Delaware, Newark, DE, Apr. 20, 2018
Avon Grove High School, Chester County, PA, Apr. 19, 2018
Math for America Educator Professional Development Session, New York City, Apr. 17, 2018
Yale University Math Majors of America Tournament for High Schools, Yale University, Apr. 14, 2018
Southern Nevada Girls Math Tournament, Las Vegas, Apr. 08, 2018
USA Science and Engineering Festival X-STEM Symposium, Washington, DC, Apr. 05, 2018
TEDxCMU, Pittsburgh, Apr. 01, 2018
Dartmouth University Prosser Public Lecture, Hanover, NH, Mar. 27, 2018
National Society of Black Engineers Annual Convention Carnegie Mellon Visit, Pittsburgh, Mar. 23, 2018
Math for America Educator Professional Development Session, New York City, Mar. 20, 2018
Huangpu Luwan No. 1 Central Elementary School, Shanghai, Mar. 18, 2018
Shibei Junior High School, Shanghai, Mar. 16, 2018
Huayu Junior High School, Shanghai, Mar. 16, 2018
No. 2 High School Affiliated to East China Normal University, Shanghai, Mar. 15, 2018
Shanghai Experimental Primary School, Shanghai, Mar. 15, 2018
Huaifu International School, Guangzhou, Mar. 14, 2018
Affiliated High School of South China Normal University, Guangzhou, Mar. 14, 2018
Guangdong Experimental High School, Guangzhou, Mar. 14, 2018
Shenzhen High School of Science, Shenzhen, Mar. 13, 2018
Liyuan Elementary School, Shenzhen, Mar. 13, 2018
Keystone Academy, Beijing, Mar. 12, 2018
Aidi International School, Beijing, Mar. 12, 2018
Beijing Royal School, Beijing, Mar. 11, 2018
Beijing Normal University, Beijing, Mar. 10, 2018
Beijing National Day School, Beijing, Mar. 09, 2018
Romanian Master of Mathematics (International Competition), Bucharest, Romania, Feb. 22, 2018

Stanford Math Tournament, Stanford, Feb. 17, 2018

Math for America Educator Professional Development Session, New York City, Feb. 13, 2018

Stanford Math Circle, Stanford, Feb. 01, 2018

Proof School, San Francisco, Feb. 01, 2018

Walton High School, Marietta, GA, Jan. 30, 2018

Westmoreland Intermediate Unit (managing 17 public school districts), Leechburg, PA, Jan. 29, 2018

Affiliated High School of South China Normal University, Guangzhou, Jan. 05, 2018

Guangdong Experimental High School, Guangzhou, Jan. 05, 2018

Zhixin High School, Guangzhou, Jan. 05, 2018

Shenzhen Middle School, Shenzhen, China, Jan. 04, 2018

International School of Nanshan Shenzhen (Middle), Shenzhen, China, Jan. 04, 2018

Shenzhen Foreign Languages School, Shenzhen, China, Jan. 03, 2018

Shenzhen Experimental High School, Shenzhen, China, Jan. 03, 2018

No. 1 Middle School Affiliated to Central China Normal University, Wuhan, Jan. 02, 2018

Math Olympiads Training Program, Wuhan, Jan. 02, 2018

China National Math Olympiad Selection Camp, Wuhan, Jan. 01, 2018

Pudong Foreign Languages School, Shanghai, Dec. 28, 2017

High School Affiliated to Fudan University, Shanghai, Dec. 28, 2017

Nanning No. 14 Middle School, Nanning, Dec. 27, 2017

Nanning No. 3 High School, Nanning, Dec. 27, 2017

Chongqing No. 1 High School, Chongqing, Dec. 26, 2017

Bashu Secondary School, Chongqing, Dec. 26, 2017

High School Affiliated to Renmin University of China, Beijing, Dec. 25, 2017

Experimental High School Attached to Beijing Normal University, Beijing, Dec. 25, 2017

ASDAN Berkeley mini Math Tournament, Beijing, Dec. 23, 2017

Noble Network of Charter Schools STEM Expo, Chicago, Dec. 09, 2017

YK Pao Elementary School, Shanghai, Nov. 23, 2017

Tsinghua University, Beijing, Nov. 22, 2017

Princeton University Physics Competition, Princeton, Nov. 19, 2017

West Windsor Plainsboro Education Support Association, West Windsor, NJ, Nov. 18, 2017

Princeton University Mathematics Competition, Princeton, Nov. 18, 2017

Harvard-MIT Math Tournament, Harvard, Nov. 11, 2017

Three Rivers Education Technology Conference, Pittsburgh, Nov. 07, 2017

Orlando Math Circle Teacher Talk, Orlando, Nov. 05, 2017

Florida Association for the Gifted, St. Augustine, FL, Nov. 04, 2017

BNY Mellon Periscope Panelist, Pittsburgh, Nov. 01, 2017

Olympiads School Public Lectures, Toronto, Oct. 28, 2017

Manchester Academic Charter School, Pittsburgh, Oct. 27, 2017

Bronx High School of Science, New York City, Oct. 23, 2017

Mission San Jose High School, Fremont, CA, Oct. 17, 2017

Bergen County Academies Math Competition, Hackensack, NJ, Oct. 15, 2017

Global Math Week Kickoff Conference, New York University, Oct. 07, 2017

Fund for the Advancement of Minorities through Education, Pittsburgh, Sep. 30, 2017

Elementary School Affiliated to Peking University, Pittsburgh, Sep. 19, 2017

Orlando Math Circle, Orlando, Sep. 16, 2017

Goldman Sachs, New York City, Sep. 13, 2017

Math Circles of Chicago, Chicago, Sep. 09, 2017

Metropolitan Math Club (Chicago Teachers), Chicago, Sep. 08, 2017

ASDAN Math Tournament Keynote, Beijing, Aug. 19, 2017

AwesomeMath, Cornell University, Aug. 05, 2017

New York Math Circle, New York City, Aug. 04, 2017

Bridge to Enter Advanced Mathematics (focused on underserved students), Assembly talk, New York City, Aug. 04, 2017

Colloquium, Canada/USA Mathcamp, University of Puget Sound, Aug. 01, 2017

New Oriental Class, Shanghai, Jul. 09, 2017

Julia Robinson Math Festival, Shanghai, Jul. 04, 2017

Cliff Dwellers Club (society for promotion of the arts), Chicago, Jun. 13, 2017

Commencement Address, James Madison Memorial High School, Madison, WI, Jun. 10, 2017

Math for America Educator Professional Development Session, New York City, Jun. 08, 2017

Commencement Address, Chinese International School, Hong Kong, May. 26, 2017
Orlando Math Circle, Orlando, May. 13, 2017
San Diego Math Circle, University of California San Diego, May. 07, 2017
Colorado Math Circle, University of Colorado Boulder, Boulder, CO, May. 06, 2017
National Math Festival Public Lectures, Washington, DC, Apr. 22, 2017
University of Louisville Bullitt Public Lecture, Louisville, Apr. 13, 2017
duPont Manual High School, Louisville, Apr. 13, 2017
Math Majors of America Tournament for High Schools, Yale University, Apr. 01, 2017
New York State Math League, New York City, Mar. 31, 2017
UpPrize Social Innovation Challenge Community Showcase, Pittsburgh, Mar. 30, 2017
Georgia State University, Public Lecture, Atlanta, Mar. 25, 2017
Hudson River Trading, New York City, Mar. 21, 2017
The Bund Education, Shanghai, Mar. 15, 2017
Shanghai Pinghe School, Shanghai, Mar. 15, 2017
MIT Hong Kong Innovation Node, Hong Kong, Mar. 14, 2017
Shenzhen Foreign Languages Middle School, Shenzhen, China, Mar. 12, 2017
Tsinghua University High School, Beijing, Mar. 10, 2017
Bergen County Academies, Hackensack, NJ, Feb. 27, 2017
Harvard-MIT Math Tournament, MIT, Feb. 18, 2017
Carnegie Mellon Informatics and Math Competition, Pittsburgh, Jan. 28, 2017
Westmoreland Intermediate Unit (managing 17 public school districts), Westmoreland County, PA, Jan. 26, 2017
Lyford Cay International School, Nassau, Bahamas, Jan. 20, 2017
Templeton World Charity Foundation, Nassau, Bahamas, Jan. 20, 2017
Bahamas Ministry of Education, Nassau, Bahamas, Jan. 19, 2017
BRAC University, Dhaka, Bangladesh, Dec. 30, 2016
Bangladesh Math Olympiad Public Lecture, Dhaka, Bangladesh, Dec. 30, 2016
Institute for Promotion of Teaching Science and Technology, Bangkok, Dec. 28, 2016
Shanghai High School, Shanghai, Dec. 27, 2016
No. 2 High School Affiliated to East China Normal University, Shanghai, Dec. 26, 2016
Nanjing Foreign Language School, Nanjing, China, Dec. 24, 2016

High School Affiliated to Nanjing Normal University, Nanjing, China, Dec. 24, 2016
Westmoreland Intermediate Unit (managing 17 public school districts), Westmoreland County, PA, Dec. 20, 2016
New York Math Circle, New York University, Dec. 10, 2016
QS Reimagine Education Conference and Awards, Philadelphia, Dec. 5, 2016
Pittsburgh Science and Technology Academy, Pittsburgh, Dec. 1, 2016
Princeton University Mathematics Competition, Princeton, Nov. 19, 2016
West Windsor Plainsboro Education Support Association, Princeton, Nov. 19, 2016
Harvard-MIT Math Tournament, Harvard, Nov. 12, 2016
Three Rivers Education Technology Conference, Pittsburgh, Nov. 8, 2016
Yale University, New Haven, Oct. 15, 2016
Fannie and John Hertz Foundation Board Meeting Keynote, New York City, Oct. 14, 2016
Metroplex Math Circle, University of Texas Dallas, Dallas, Oct. 1, 2016
Reasoning Mind Math Teacher Professional Development Conference, Dallas, Oct. 1, 2016
Fannie and John Hertz Foundation East Coast Fellows Retreat Keynote, Woods Hole, Sep. 24, 2016
Math Circles of Chicago, Chicago, Sep. 17, 2016
James Madison Memorial High School, Madison, Sep. 16, 2016
National Museum of Mathematics, New York City, Aug. 23, 2016
ASDAN Math Tournament Keynote, Beijing, Aug. 20, 2016
Carnegie Mellon University Beijing Alumni Public Lecture, Beijing, Aug. 19, 2016
TAL Education Group, Beijing, Aug. 18, 2016
The Bund Education Live-Stream, Shanghai, Aug. 17, 2016
East China Normal University, Shanghai, Aug. 17, 2016
Junior High Affiliated with Chengdu No. 7 High School, Chengdu, China, Aug. 16, 2016
Sichuan University, Chengdu, China, Aug. 15, 2016
National Academy of Sciences: Science and Entertainment Exchange Writers Retreat, Phoenix, Aug. 6, 2016
AwesomeMath Summer Program, University of Puget Sound, Tacoma, Washington, Aug. 5, 2016
Canada/USA Mathcamp, Colby College, Waterville, Maine, Jul. 29, 2016

Pittsburgh Public Schools Educator Professional Development STEAM Workshop, Pittsburgh, Jul. 26, 2016

Indian Institute of Science, Bangalore, Jul. 21, 2016

Agastya International Foundation Maverick Teachers Global Summit, Bangalore, Jul. 20, 2016

Pusat PERMATApintar Negara, Universiti Kebangsaan Malaysia, Public Lecture, Kuala Lumpur, Malaysia, Jul. 18, 2016

Penang Science Cafe Heritage Public Lecture, Penang, Malaysia, Jul. 17, 2016

Princeton Club of Hong Kong, Hong Kong, Jul. 16, 2016

Carnegie Mellon Hong Kong Alumni Chapter, Hong Kong, Jul. 5, 2016

Hong Kong Education Bureau, Hong Kong, Jul. 5, 2016

Math Olympiad Summer Program Research Seminar, Carnegie Mellon University, Jun. 28, 2016

Pittsburgh Filmmakers / Regent Square Theater, Colidge Corner Theatre and Sloan Foundation Science on Screen lecture in conjunction with screening of *The Man Who Knew Infinity*, Pittsburgh, Jun. 8, 2016

Brooklyn Technical High School, New York City, May. 23, 2016

Utah Team Practice, American Regional Math League, University of Utah, Salt Lake City, Apr. 9, 2016

Math for America Educator Professional Development Session, New York City, Apr. 5, 2016

Math for America Educator Professional Development Session, New York City, Mar. 29, 2016

The Carter Center, Panel after Screening of *The Man Who Knew Infinity*, Atlanta, Mar. 28, 2016

Math for America Educator Professional Development Session, New York City, Mar. 22, 2016

The Bronx High School of Science, New York City, Mar. 22, 2016

iLearn Schools Math Contest Keynote, Princeton University, Mar. 12, 2016

SXSWedu Conference and Festival, Launch Startup Competition Finalist Pitch, Austin, Mar. 8, 2016

Math for America Educator Professional Development Session, New York City, Mar. 1, 2016

Romanian Master of Mathematics (International Competition), Bucharest, Romania, Feb. 25, 2016

Harvard University Gender Inclusivity in Mathematics, Harvard, Feb. 20, 2016

RAND Corporation, Santa Monica, CA, Feb. 16, 2016

Damai Lunar New Year Gala, Live Broadcast to 3 million+ in China, Arcadia Performing Arts Center, Feb. 14, 2016

University of Pennsylvania Dining Philosopher's Club, Philadelphia, Jan. 16, 2016

Interlake High School and Newport Senior High School, Bellevue, WA, Jan. 9, 2016

Urban Academy Laboratory High School, New York City, Jan. 5, 2016

Hunter College High School, New York City, Jan. 5, 2016

Israel Math Olympiad Team, Tel Aviv University, Dec. 30, 2015

Stuyvesant High School, New York City, Dec. 21, 2015

The High School for Math, Science, and Engineering at the City College of New York, New York City, Dec. 21, 2015

Bergen County Academies, Hackensack, NJ, Dec. 21, 2015

New York Math Circle Advanced Section, New York University, Dec. 20, 2015

New York Math Circle, New York University, Dec. 19, 2015

Los Angeles Area Private School (Elementary and Middle), Los Angeles, Dec. 14, 2015

Orange County Math Circle, Newport Beach, CA, Dec. 13, 2015

Orange County Science and Engineering Fair Youth Leadership Conference, Newport Beach, CA, Dec. 13, 2015

San Diego Math Circle, University of California San Diego, Dec. 12, 2015

Manchester Academic Charter School, Pittsburgh, Dec. 9, 2015

Proof School Resource Fair for Kids Who Love Math, Panel Discussion, San Francisco, Dec. 6, 2015

Princeton University Mathematics Competition, Princeton, Nov. 21, 2015

Indian Institute of Technology Delhi, New Delhi, India, Nov. 18, 2015

Delhi Public School Faridabad, New Delhi, India, Nov. 18, 2015

Association of Mathematics Teachers of India, The Institute of Mathematical Sciences, Chennai, India, Nov. 16, 2015

Chennai Mathematical Institute, Chennai, India, Nov. 16, 2015

Three Rivers Education Technology Conference, Pittsburgh, Nov. 14, 2015

Math for America Educator Professional Development Session, New York City, Nov. 3, 2015

LaunchCMU Startup Showcase, Pittsburgh, Oct. 8, 2015

Eton College, Berkshire, UK, Sep. 23, 2015

Summer Program on Applied Rationality and Cognition, Berkeley, Aug. 15, 2015

National Museum of Mathematics, Math Encounters Public Lecture, New York City, Aug. 5, 2015

Canada/USA Mathcamp, University of Puget Sound, Tacoma, Washington, Jul. 22, 2015

Andrew's Leap Summer Program, Carnegie Mellon University, Pittsburgh, Jul. 1, 2015

Math Olympiad Summer Program Research Seminar, Carnegie Mellon University, Jun. 12, 2015

New York Math Circle Advanced Section, New York University, May. 31, 2015

American Regions Mathematics League, Penn State University, State College, PA, May. 29, 2015

AlphaLab Gear, Startup Accelerator, Pittsburgh, May. 18, 2015

LaunchCMU Startup Showcase, San Francisco, May. 12, 2015

Intel International Science and Engineering Fair Expo, Pittsburgh, May. 11, 2015

Greater Miami Valley Math Circle, Wright State University, Dayton, OH, Mar. 21, 2015

Staples High School, Westport, CT, Mar. 11, 2015

Mission San Jose High School, Fremont, CA, Mar. 10, 2015

American High School, Fremont, CA, Mar. 10, 2015

Henry M. Gunn High School, Palo Alto, CA, Mar. 9, 2015

Berkeley Math Tournament, Berkeley, Mar. 7, 2015

Proof School Public Lecture, University of San Francisco, San Francisco, Mar. 6, 2015

Boston Math Circle, Boston, Feb. 22, 2015

A-Star Math Tournament, Palo Alto, CA, Feb. 14, 2015

Western Pennsylvania American Regions Math League Team, Pittsburgh, Feb. 8, 2015

Stanford Online High School, Stanford, Jan. 30, 2015

San Jose Math Circle, San Jose, CA, Jan. 28, 2015

Colorado Math Circle, University of Colorado Boulder, Boulder, CO, Jan. 25, 2015

CalcBee Competition, MIT, Jan. 10, 2015

A-Star Winter Math Camp, San Francisco, Dec. 30, 2014

Israel Math Olympiad Team, Tel Aviv University, Dec. 23, 2014

Brooklyn Technical High School, New York City, Dec. 16, 2014

The Dalton School, New York City, Dec. 16, 2014

Hunter College High School, New York City, Dec. 16, 2014
Urban Academy Laboratory High School, New York City, Dec. 16, 2014
Bergen County Academies, Hackensack, NJ, Dec. 15, 2014
Horace Mann School, New York City, Dec. 15, 2014
The Bronx High School of Science, New York City, Dec. 15, 2014
Stuyvesant High School, New York City, Dec. 15, 2014
New York Math Circle Advanced Section, New York University, Dec. 14, 2014
New York Math Circle, New York University, Dec. 13, 2014
Stanford Math Circle, Stanford, Dec. 11, 2014
Berkeley Math Circle, Berkeley, Dec. 9, 2014
Orange County Math Circle, Irvine, CA, Dec. 7, 2014
Harvard-MIT Math Tournament, MIT, Nov. 15, 2014
Metroplex Math Circle, University of Texas Dallas, Dallas, Oct. 18, 2014
San Diego Math Circle, University of California San Diego, Oct. 11, 2014
AwesomeMath Summer Program, Berkeley, Jul. 30, 2014
Program in Mathematics for Young Scientists, Boston University, Jul. 25, 2014
Canada/USA Mathcamp, Lewis and Clark College, Portland, OR, Jul. 23, 2014
Andrew's Leap Summer Program, Carnegie Mellon University, Pittsburgh, Jul. 17, 2014
International Mathematical Olympiad, Cape Town, South Africa, Jul. 11, 2014
Math Olympiad Summer Program Research Seminar, University of Nebraska Lincoln, Jun. 11, 2014
Montgomery Blair High School, Silver Spring, MD, Jun. 2, 2014
Thomas Jefferson Middle School, Madison, WI, May. 1, 2014
James Madison Memorial High School, Madison, WI, May. 1, 2014
Orange County Math Circle, Irvine, CA, Apr. 13, 2014
UCLA Math Circle, Los Angeles, Apr. 13, 2014
Stanford Math Circle, Stanford, Apr. 10, 2014
Monta Vista High School, Cupertino, CA, Apr. 10, 2014
New York Math Circle, New York University, Mar. 15, 2014
Bergen County Academies, Hackensack, NJ, Mar. 15, 2014
Brooklyn Technical High School, New York City, Mar. 14, 2014
Berkeley Math Circle, Berkeley, Mar. 11, 2014
Israel Math Olympiad Team, Tel Aviv University, Dec. 25, 2013

Thomas Jefferson High School of Science and Technology, Alexandria, VA, Dec. 18, 2013

Bergen County Academies, Hackensack, NJ, Dec. 13, 2013

Trinity School, New York City, Dec. 13, 2013

Stuyvesant High School, New York City, Dec. 13, 2013

Stanford Math Circle, Stanford, Dec. 12, 2013

Mission San Jose High School, Fremont, CA, Dec. 11, 2013

Berkeley Math Circle, Berkeley, Dec. 10, 2013

Canada/USA Mathcamp, Colby College, Waterville, ME, Jul. 10, 2013

Idea Math Summer Program, Carnegie Mellon University, Pittsburgh, Jul. 4, 2013

Math Olympiad Summer Program Research Seminar, University of Nebraska Lincoln, Jun. 7, 2013

Thomas Jefferson High School of Science and Technology, Alexandria, VA, Jun. 3, 2013

Korean Math Olympiad Winter School, Korea Advanced Institute of Science and Technology, Daejeon, South Korea, Jan. 9, 2013

Israel Math Olympiad Team, Tel Aviv University, Dec. 26, 2012

Stuyvesant High School, New York City, Dec. 12, 2012

The Bronx High School of Science, New York City, Dec. 12, 2012

Horace Mann School, New York City, Dec. 12, 2012

Shadyside Academy, Pittsburgh, Nov. 15, 2012

Idea Math Summer Program, Carnegie Mellon University, Pittsburgh, Jul. 22, 2012

Math Olympiad Summer Program Research Seminar, University of Nebraska Lincoln, Jun. 8, 2012

Mellon College of Science Honors Convocation Speaker, Carnegie Mellon University, May. 19, 2012

Phillips Exeter Academy, Exeter, NH, Jan. 5, 2012

Israel Math Olympiad Team, Tel Aviv University, Dec. 21, 2011

Georgia State University, Atlanta Contemporary Chinese Academy, Public Lecture, Atlanta, Aug. 27, 2011

Canada/USA Mathcamp, Reed College, Portland, OR, Jul. 8, 2011

Phillips Exeter Academy, Assembly Speaker, Exeter, NH, Dec. 10, 2010

Canada/USA Mathcamp, Mount Holyoke College, South Hadley, MA, Jul. 23, 2010

Idea Math Summer Program, Merrimack College, North Andover, MA, Jul. 22, 2010

Canada/USA Mathcamp, University of Puget Sound, Tacoma, WA, Jul. 10, 2009

UCLA Math Circle, Los Angeles, Nov. 16, 2008

Society for Advancement of Chicanos and Native Americans in Science National
Conference, Salt Lake City, Oct. 8, 2008