

Jonathan Rahul Gunasingham

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Teaching Portfolio: <https://goo.gl/i4w7gd>

EDUCATION

University of Missouri – Columbia, Columbia, MO

College of Education / School of Information Science and Learning Technologies

Master of Science, Learning Technologies and Design, Currently Enrolled

University of Toronto, Toronto, ON

Ontario Institute for Studies in Education

Bachelor of Education, Intermediate/Senior - Chemistry and Mathematics, 2013

Faculty of Applied Science and Engineering

Bachelor of Applied Science, Chemical Engineering, 2011

PROFESSIONAL CERTIFICATION

Career Continuous Professional, Chemistry 9 – 12, *Missouri Dept. of Elementary and Secondary Education*

TEACHING AND RELATED EXPERIENCE

Science Instructor, General Chemistry; Honors Chemistry
Hazelwood West High School; Hazelwood, MO, United States

Present

- Collaborated with district colleagues to develop virtual learning plans for various course units that included a variety of online and electronic activities in order to facilitate virtual education for students in 2020 -2021 school year
- Collaborated with teachers to develop and implement differentiated teaching strategies and activities that meet the varied needs of students with different academic skills and abilities
- Facilitated school and district professional development on flipped classroom format, CER structure, and NGSS standards alignment to provide teachers with extra resources to enhance their planning and teaching
- Incorporated real world learning experiences and applications to enhance engagement and understanding of concepts (making lotion, lip balm, soap, etc.)

Faculty Member, MSAN: Missouri Scholars Action News, How U Kno Dat?
Missouri Scholars Academy at the University of Missouri-Columbia; Columbia, MO, United States

June 2019

- Designed courses to cater specifically to gifted identified students from diverse backgrounds across the state
- Created project based environment of self-guided learning for students to develop skills in web publication and audio/video production in journalistic context
- Developed students' familiarity and adeptness with the Claim, Evidence, and Reasoning format in structuring an argument in multiple content areas
- Implemented the "Cor: PSD" curriculum through group discussion and self-reflection to develop students' self-awareness and emotional intelligence regarding their own well-being and ability to relate to others

Science Instructor, General Chemistry; 9th Grade Science
Parkway Central High School; Chesterfield, MO, United States

2013 - 2017

- Utilized backwards design to design units with lessons, in-class activities, laboratory demonstrations, and practical investigations in order to engage students and further their understanding of chemistry concepts

- Collaborated with colleagues to create unique formative assessments and intervention strategies using various resources (Vernier equipment, EdPuzzle, PhET Sims, etc.) to enhance student learning
- Collaborated with Special School District teachers to modify and adjust curriculum to meet the needs of students with various special needs, while including them in general classroom setting

ADDITIONAL EDUCATION EXPERIENCE

Student Teacher , Algebra 2/Trigonometry; Algebra 1 Parkway South High School; Manchester, MO, United States	Apr. 2013 – May 2013
Teacher Candidate , 11th Grade University Chemistry Marc Garneau Collegiate Institute; Toronto, ON, Canada	Feb. 2013 - Mar. 2013
Teacher Candidate , 10th Grade Applied Mathematics Central Technical School; Toronto, ON, Canada	Nov. 2012
Mentor , Crescent School FIRST Robotics Team	Jan. 2011 – Feb. 2011
High School Math and Science Tutor Toronto, Ontario, Canada; St. Louis, MO, United States	2005 – 2007

AWARDS/CERTIFICATIONS/AFFILIATIONS

Google Certified Educator Level 1: For demonstrating the fundamental knowledge, skills, and competencies needed to implement Google for Education tools, Google For Education, edu.google.com, August 2020

EdPuzzle Coach Certification: In recognition of ability to lead professional developments at the highest level of detail, EdPuzzle, www.edpuzzle.com, November 2017

Certificate of Leadership: In recognition of outstanding leadership and service during District Professional Development, Hazelwood School District, November 2017 and March 2020

Coach – 2nd Team Missouri All – State Boys Frisbee Team, USA Ultimate, Saint Louis Ultimate Juniors, Saint Louis, August 2017

Chair's Award for Excellence in Communication, Department of Chemical Engineering, University of Toronto, September 2009

EXTRACURRICULAR ACTIVITIES

Robotics Team Co-Sponsor/Coach, Hazelwood West High School	Present
Audio Team, The Gathering Church (Clayton site)	Present
Ultimate Frisbee Team Co-Sponsor/Asst. Head Coach	2013 – Present
Youth Core Group leader, The Gathering Church, St. Louis, MO	2020 - 2021
Robotics Team Co-Sponsor/Coach, Parkway Central High School	2013 - 2016

REFERENCES

Dr. Christina Hughes Science Curriculum Coordinator Hazelwood School District 15955 New Halls Ferry Road Florissant, MO 63031 (314) 953-5074 chughes1@hazelwoodschoools.org	Michael Black Science Curriculum Coach Hazelwood School District 15955 New Halls Ferry Road Florissant, MO 63031 (314) 953-5094 mblack1@hazelwoodschoools.org	Steve Schlarman Science Instructor Hazelwood West High School 1 Wildcat Ln Hazelwood, MO 63042 (314) 953-5800 sschlarman@hazelwoodschoools.org
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