

JAMES QUARRINGTON

5 Fairbanks St, Unit 2, Brookline, MA, 02446
(610) 283 7171 jamesquarrington@googlemail.com

Personal Summary

A hard-working department chair who combines best pedagogical practices with outstanding Mathematical ability. Experienced and confident leader who creates the conditions for students to broaden horizons through a holistic approach to education and team management. Exceptional professional skills developed through personal academic excellence alongside international sporting success. Passionate about helping students fulfil their academic potential and to become responsible global citizens. Always prioritizing student's education and wellbeing.

Education

Committed to continual life-long learning and self-improvement in a hardworking and meaningful way. Acts as a role model in the learning community, developing essential pedagogical skills and adding value to student's academic experiences.

Cambridge University, Jesus College, UK	2016
Master's in Mathematics Education	
Cambridge University, Jesus College, UK	2014
Post Graduate Certificate in Mathematics Education	
Durham University, UK	2013
First Class Bachelor of Science Degree in Mathematics	
Graduated top of class with an average mark of 87%	
Awarded the Vice-Chancellor's Scholarship for Academic Excellence (top 0.3% of university)	
Sir William Borlase's Grammar School	2009
5 A grade A-levels in Mathematics, Further Mathematics, Physics, Chemistry and Biology	
Ranelagh School, UK	2007
10 A/A* GCSEs including A* in Mathematics, English and Science	

Employment History

British International School, Boston **August 2021 – Present**
Mathematics Department Chair and Teacher of Mathematics

- Responsible for leading the Mathematics department in a high achieving IB school, working closely with the SLT to track and improve results at IB and IGCSE. Develop and implement policies and best practices that reflect the school's guiding principles and ethos.
- Believes in the power of positivity, kindness and respect as a leader. Values the power of teamwork and celebrates departmental and individual teacher success to both SLT and the whole school community.
- Improved and streamlined the operation of the Mathematics department through developing schemes of work, internal examinations, grading, marking and feedback policies. Ensures student achievements are accurately recorded and that realistic and valuable feedback is given consistently across the department.
- Responsible for identifying and tracking underperforming students, creating learning plans to best support them.
- Ensures that high ability students are taught effectively and creates opportunities for student leadership by introducing Mathematics prefects and competition clubs.
- Clear expectations set for staff regarding quality of teaching, best pedagogical practices and student behaviour.
- Effectively supports new teachers in the IB, evaluating teaching methods and ensuring a consistently high teaching standard is met across the department.
- Identifies staffing and resource requirements advising senior management of budgeting priorities.
- Reformed the delivery of the Internal Assessment to all IB students, ensuring quality of instructions are consistent across the department. Trained both staff and students on expectations and requirements of the essay.
- Responsible for teaching Mathematics to Year 7 to 13, including HL Mathematics courses.
- Delivered both virtual and in-person learning to all classes, using a range of communication strategies and channels to ensure academic excellence for all whilst fostering a love of Mathematics.

British International School, Ho Chi Minh City, Vietnam **August 2016 – August 2021**
Teacher of Mathematics and Head of House

- Responsible for teaching Mathematics to Year 7 to 13, developing outstanding pedagogical skills and experiences.
- Leadership experience creating departmental policies for IB, including leading workshops for colleagues on how to introduce, teach and mark the IA.
- Effective head of house, working closely with senior management to improve co-curricular events and develop cross-campus relationships and student leadership opportunities.
- Believes in the power of personalized interventions. Developed and managed mentoring programs, delivering pastoral and curricular support and building cross-year group relationships.
- Delivered year group expeditions across South East Asia, managing 100+ staff and students, working closely with third party providers of outdoor activities camps.

- Organized and delivered multiple international Mathematics competitions. Prepared students for the competitions, with all students qualifying for the World Mathematics Championship.
- Values the integrated learning environment of the IB diploma. Experience supporting and guiding students through the IB extended essay process in Mathematics, Economics and Physics.
- Provided pastoral and curricular support to Year 11 and 13 students as a mentor.
- Coached students through Oxbridge and Ivy League Mathematics entrance examinations and mock interviews.

Mathematics Freelancer Services

International Baccalaureate and Edexcel Examiner

June 2020-Present

- Responsible for examining and grading the internal assessment in Mathematics for the IB. Experience marking 500 essays, gaining a crucial insight into the structure and mark scheme of the assessment.
- Marked 3000+ examination scripts for Edexcel's Further Mathematics examination.

Content Developer, Copy Editor and Answer Checker

June 2012 – Present

- Worked for multiple publishing houses including Harper Collins, Oriel Square, Pearson and Haremi.
- Provided written Mathematics questions, explanations and solutions for numerous Mathematics resources including Carol Volderman's "The Math's Factor" website, and multiple academic textbooks.
- Developed excellent time management and effective planning skills working to tight deadlines providing outstanding academic work.

Mathematics and Physics Tutoring

June 2010 – Present

- Owner of "Mr Q Maths" – a private tutoring company in Boston, MA.
- Coached 100+ students through key examinations including SAT, ACT, IB, IGCSE, TMUA and MAT.
- Tutored students from KS2 to University Level Mathematics who achieved outstanding results in examinations.
- Experience delivering high quality lessons both in person and online.

Chesterton Community College

June 2014 – June 2016

Teacher of Mathematics and Computing

- Responsible for teaching Years 7 to 11 Mathematics, and Year 7 to 9 Computer Science. Provided pastoral and curricular support as a form tutor. Experience teaching Edexcel's FSMQ to high attaining Year 9, 10 and 11 students.
- Provided professional support and guidance for newly qualified teachers and PGCE students as a mentor.
- Completed master's level academic research projects into the correlation between academic excellence and sporting success and the educational impact of ability grouping.

PROFESSIONAL DEVELOPMENT

A professionally minded reflective practitioner who has secured and benefited from excellent professional development.

International Baccalaureate,

2017- Present

- IB AI Mathematics, Category 3
- IB IA Mathematics, Category 2
- IB DP Mathematics, Category 2

Nord Anglia Education

2020

- CPL and student safeguarding.
- NAU online including student leadership, student wellbeing and learning technology.
- Discursive training across key stages, dialogue around curriculum development and assessment without levels.

Institute of Counselling, UK

2019

- Diploma in Youth Counselling.
- 90% Average Grade. Distinction marks achieved across all modules.

Lexis Education, UK

2018

- Teaching ESL students in mainstream classrooms

Cambridge University

2015

- Mentor Training for Newly Qualified Teachers.

INTERESTS

Sport

- Competed in numerous marathons and endurance ironman triathlons in Europe, raising \$4000+ for charity.
- Represented England at the Home Countries International Regatta, multiple national champion.
- Qualified rowing coach, working at Gippsland Grammar School, Australia, in 2013 and Sparks Rowing Clubs, 2022.

Skills

- Internships in Leman Brothers (2012) and PWC (2011).
- Values the integration of technology in education utilizing google classrooms and Microsoft teams.
- Competent in Microsoft packages, and proficient with SIMS, ISAMS, Activ Inspire and Promethean technology.
- ITC Emergency First Aid and ITC Outdoor first aid qualified.