



Stretford
Grammar School
Aspirat primo fortuna labori

Careers Fair
23rd March 2023
Information about
the Speakers

Introduction

The aim of this booklet is to provide you with information about the speakers who will be attending the Stretford Grammar School Careers Fair.

Each of our speakers has provided an overview of their work and the route they have taken into their role. They have also given a brief description of what they will be talking about and at the end of each session there will be an opportunity for you to ask questions of the speaker to gain a greater insight into their work.

The evening will begin at 6.30 pm and conclude at 8.30 pm. You will have the opportunity to choose four sessions to attend and the session from 8.10 pm to 8.30 pm will enable you to visit any of the speakers to ask any questions you may have.

Session 1	6.30 pm – 6.50 pm
Session 2	6.55 pm – 7.15 pm
Session 3	7.20 pm – 7.40 pm
Session 4	7.45 pm – 8.05 pm
Session 5	8.10 pm – 8.30 pm

Accountancy

Name of Presenter

Gary Lee

Organisation

Begbies Traynor Group plc

Short professional biography, for example training, subject choices

Attended 6th Form college and studied Maths (with Statistics), Economics & Computer Studies for A Levels.

Attended Manchester University and studied for a BA in Economics & Accounting.

Qualified as a Chartered Accountant with Arthur Andersen (Big 4).

Qualified as a Licensed Insolvency Practitioner with Begbies Traynor.

Brief Outline of your work

Help underperforming and distressed companies to survive by reviewing the financial position, identifying all available options and helping them implement the recommendations.

Also act as Liquidator, Administrator, Receiver if the company is too distressed and a formal insolvency process is required.

Identify a strategy to achieve the best possible outcome for all creditors and stakeholders. Work within the statutory guidelines of the Insolvency Act.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

What the role entails from a new trainee all the way up to Partner.

What makes a good insolvency practitioner.

What does a typical day look like.

Taking and passing professional exams.

What skills and techniques do you learn and enhance.

Architecture

Name of Presenter

Jonathan Fishlock

Organisation

Chapman Taylor Architects

Short professional biography, for example training, subject choices

I am a Qualified and Registered Architect, having completed two degree courses in Architectural Studies and a Professional Exam following a period of in work placements.

I have been working for 21 years post qualification, in London and Manchester. I have also worked in Malaysia and Singapore before qualifying.

Brief Outline of your work

As a Director in an Architectural Practice of 65 people in Manchester (but part of a Global practice of 450 staff around the world) I manage architectural projects from concept design through to overseeing construction of projects on site.

My work varies from design work, to project management and to business management.

My work takes me all over the UK and overseas as we undertake design work for projects in Europe, Middle East and Asia from the UK

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

Design & creative skills are a key element of architecture.

A reasonable standard of maths and science is beneficial.

Good written English is a key component for all the Reports and Design Statements we write, particularly in obtaining planning permission for projects, where explaining the design concepts and processes in reports is key to success.

My A-Levels were Maths, Physics and Geography, although I had art/creative subjects at GCSE level.

BBC Production

Name of Presenter

Gill Farrington

Organisation

BBC Audio

Short professional biography, for example training, subject choices

A level – English, Politics, History, General Studies

Degree in English Literature

Gap year working abroad

Post-grad industry qualification - National Council for The Training of Journalists – includes media law, shorthand, storytelling, writing copy, effective use of photography
Worked in local papers in Greater Manchester area before moving to bigger newspaper in Brighton and Hove

Moved to BBC Radio 5Live in London as a broadcast journalist. Have worked across BBC News, covered big events (World Cups, European football championships, Olympics plus news events and hostile environments– General Election campaigns, London bombings, Manchester Arena attack, Pakistan earthquake, US election campaigns, Falklands War anniversary)

Moved into leading BBC audio production teams in 2020

Brief Outline of your work

I now head teams in Salford producing BBC radio programmes and podcasts for Radio 2, 3, 4, 5live, World Service and BBC Sounds

Live and pre-recorded

Includes You and Yours, Sliced Bread podcast, Moral Maze, classical music, Good Morning Sunday (Radio 2)

Lead teams to come up with ideas for new programmes, write proposals and pitch them to commissioners (BBC bosses in charge of buying programmes)

If they buy them – my teams make them.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

Presentation skills – need confidence to stand in a room (Zoom) and sell your teams' ideas (politics A level and debating was great background)

Writing skills – often only two lines to get across a complex idea - my A levels and degree brilliant background for this

Research skills – do our ideas add up, are they accurate? (again my degree Interest and understanding of news/current affairs – to explain news stories or complicated issues to audience you have to understand it first. Wider reading is vital. Be a magpie – keep eyes open about what competitors are doing and be curious and ask questions

Working in a team

Digital digital digital – if I was starting in production now I would have my own channel, experimenting telling stories which were relevant to me. You can start NOW it can help get you ahead of the competition.

Broadcast Media

Name of Presenter

Tim Levell

Organisation

Times Radio

Short professional biography, for example training, subject choices

I've been a journalist and TV producer for 30 years.

I studied English, History and German at A level, and read History at the University of Bristol. I then did a one-year postgraduate in broadcast journalism at the University of Cardiff before starting in BBC local radio, working at Radio Sheffield, Radio York and Radio Cumbria.

I became as a reporter on CBBC's Newsround programme and went on to launch their website and then became Editor, running the whole operation.

I've also worked for Sky News, BBC Breakfast and the BBC News website.

After Newsround, I became Editor of Blue Peter for 5 years, hiring Helen Skelton as presenter and bringing Blue Peter to Salford as part of the BBC move to MediaCity.

Most recently I worked at 5 Live in MediaCity, overseeing a range of their news programmes.

I now run Times Radio, a new live news radio station from The Times newspaper based in London with entertaining news and conversation 24 hours a day.

Brief Outline of your work

As Programme Director of Times Radio, I run a team of around 80 journalists and 20 presenters, who produce live news programmes all day every day.

I set the agenda and tone of the station: intelligent, enjoyable conversation about the news, presented by warm, friendly presenters, including Cathy Newman, John Pienaar, Mariella Frostrup and Aasmah Mir.

I make sure we are covering the right news stories in the right way, with lively interesting guests.

I hire the presenters and reshape the schedule to get more listeners.

We have one of the most successful YouTube channels in UK radio, and got a third of a billion video views last year.

A lot of my work is running the station, securing advertising, managing staff and recruitment and overseeing budgets and logistics.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

I will talk about the start of my career: how I chose my university subject, how I worked out what career I wanted to do. At school and even at the start of my university time I really didn't have a clue what I wanted to do.

I will talk about how I approached the first few years in work – lots of energy and enthusiasm, being willing to do whatever was needed.

I will talk about the skills I learnt from English and History and German and how I've applied those in my career.

Civil Engineering

Name of Presenter

Rob Eagles

Organisation

MGF

Short professional biography, for example training, subject choices

Civil Engineer – 17 years industry experience
A Levels – Physics, Maths and Computing
University of Liverpool – Civil Engineering (BEng Hons)
Chartered Manager – Chartered Management Institute (2021)
Chartered Civil Engineer – Institution of Civil Engineers (2021)

Brief Outline of your work

I started in the industry (2006) working as a contractor in the delivery of Civil Engineering projects. This involved working as part of a management team on construction sites. Main responsibilities included setting out upcoming works, overseeing health and safety, maintaining quality records and general daily management of people and plant.

Since 2013. I have been working as a consultant specialising in the design of temporary works. Temporary works are a requirement on many Civil Engineering projects, they enable the permanent works to happen in a safe and controlled environment. My interest is designing retaining structures below ground, using a piling arrangement and steel frames from our internal product range.

My current role at MGF is Regional Engineering Manager and I am responsible for four other engineers based around the UK.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

I have a dual role at MGF which includes both technical and commercial. The technical part permits the detailed design of temporary works solutions, including calculations and drawing output. Commercially, I develop and maintain customer relationships to understand and tender upcoming work. Currently I am working on elements of the HS2 project which is rewarding and satisfying given the scale and importance.

Daily, I use maths within detailed design work, examples include calculating retained heights and working out soil strata depths. Communication is also important in my role and this is both verbal and written, this could be writing an email response to a client.

Subjects chosen at A level complimented the degree choice of Civil Engineering. It's worth noting that I didn't know I wanted to be a Civil Engineer until after I completed my A levels.

Creative Arts

Name of Presenter

Graeme Hall

Organisation

Self Employed.

Freelance for Mackinnon & Saunders, Cosgrove Hall Films, Factory Create

Short professional biography, for example training, subject choices

Art Foundation at Loughborough University, followed by 3D Design (Wood, Metal, Ceramics, Glass, Product at Manchester Metropolitan University).

Trainee at Mackinnon & Saunders, covering most areas of puppet making for stop-motion production – foam latex & silicone casting, fibreglass resin work, painting in different materials, armature & mechanics. Sets & props at Cosgrove Hall. Puppet maintenance across a number of productions for M&S, CHF, and Factory. I'm now mainly a specialist in puppet body armatures and head mechanics.

Brief Outline of your work

I've built puppets for Tim Burton's Corpse Bride, & Frankenweenie. Wes Anderson's Fantastic Mr Fox, & Guillermo del Toro's Pinocchio. I've worked on TV shows such as Bob the Builder, Postman Pat, Pingu, Raa Raa the Noisy Lion, Twirly Woos, and The Clangers. I've also worked on a number of adverts for a variety of clients including the BBC, and Coca Cola.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

My role involves working as part of a team to translate a character design and or sculpt, and a clients' requirements for a puppet, into a working mechanism within the confines of a production budget and timetable.

As a part of this I use a variety of design and practical workshop skills, to build a range of mechanics that will help the animation crew to get the most out of a puppet character during filming.

A number of my A-level subjects, Art, Design Technology, & Photography, as well as the practical experiences gained on my Art Foundation and 3D Design degree, have been

extremely useful in my subsequent career. Maths skills and a understanding of basic engineering and design processes are also invaluable.

Dentistry

Name of Presenter

Jenny Stanley

Organisation

Manchester Community Dental Service

Short professional biography, for example training, subject choices

I took A levels in Chemistry, Physics and Maths.
I attended Manchester University Dental School and graduated in 2001.

After a year in General Practice I worked at the Dental Hospital and at the Community Dental Service. This is a Salaried Service providing dental care to patients who are unable to get treatment in high Street dentists because of physical or learning disabilities, anxiety or complicated medical conditions

Brief Outline of your work

Every day is different. I could be treating somebody in a wheelchair using a special recliner chair, or using sedation to help a very anxious child have extractions.

I collect data about how many children at primary schools have decayed teeth, or could be working from a hospital providing treatment under general anaesthetic. It's very interesting!

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

I provide dental care to the most vulnerable people in our society and it's really important to have good communication skills to explain how to prevent dental disease. You also have to have a lot of patience and understanding that people can find it very difficult to accept dental care.

Dentistry is a technical skill and you need good hand-eye co-ordination. You also need to work as part of a team and communicate well with other staff, patients, their parents and carers.

Universities usually request Chemistry, another science plus another a level of your choice. It is very competitive to get a place. It's a five year degree so you need to know that you want to spend so long studying!

I enjoy it because it's a very varied job. I'm able to help people who are in pain and make them feel at ease while having treatment. Preventing disease is also very important to me too.

Electrical Engineering

Name of Presenter

Anna Valota

Organisation

Nexperia

Short professional biography, for example training, subject choices

Bachelor and Master Degree in Materials Engineering at Politecnico di Milano, Italy (2000-2005)

Work experience in STMicroelectronics, Agrate Brianza, Italy (2005-2007)

PhD in Materials Engineering at University of Manchester, UK (2007-2010)

Post-doctoral experience at University of Manchester, UK (2010-2013)

Process Development Engineer at Diodes Inc., Oldham, UK (2015-2018)

Process Development Engineer at SmartKem, Manchester, UK (2018-2019)

Lead Product Engineer (now Group Leader) at Nexperia, Manchester, UK (2019-now)

Brief Outline of your work

I am now dedicated to monitoring and drive yield improvement for discrete transistors (MOSFET) used in various electrical and electronic applications, including automotive, telecom, general consumer market.

However, I have previous experience in other material science and engineering related fields, including development of discrete transistors in a clean room and doing research in university as well as in industry.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

I would like to talk about the development of my career, from studying in university to researching and working in an industrial environment.

My role involves a lot of data collection and analysis, applying logic and critical reasoning, solving problems and preventing the occurrence of future issues.

The pivotal choice to land in the role I am in now was the university, but I was lucky enough to reach university well prepared in a variety of subjects thanks to the secondary school I could attend .

Engineering

Name of Presenter

Jon Goddard CEng FICE M.ASCE

Organisation

Jacobs

Short professional biography, for example training, subject choices

Maths, Physics, Geography A-Level
MEng Civil & Structural Engineering University of Manchester

This is the "traditional" route into engineering but there are others including degree apprenticeships and many of my colleagues are environmentalists and data analysts with a wide range of professional educational backgrounds.

Brief Outline of your work

At Jacobs, we're challenging today to reinvent tomorrow by solving the world's most critical problems for thriving cities, resilient environments, mission-critical outcomes, operational advancement, scientific discovery and cutting-edge manufacturing, turning abstract ideas into realities that transform the world for good. Jacobs has approximately \$15 billion in annual revenue and a global talent force of approximately 60,000.

Based in our Manchester office, I'm responsible for the delivery of a range of design projects from a 480MW data center in Portugal, to the civil engineering design of THE LINE in Saudi Arabia, all the design work on the water systems at Manchester Airport and the optioneering for the strategic transfer of water from the North of England to the South East. I also lead a global community of practice of over 1000 staff sharing knowledge in the field of civil engineering from USA, to Europe, the Middle East, India and Australia.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

Infrastructure is all around us from the buildings, roads, water and electricity, airports, railways/tram, flood defences, bridges etc. Engineers and environmental scientists work to maintain and develop the built environment around us in the most sustainable and carbon efficient way to minimise the effects of infrastructure on global climate change (which construction and transport is a major contributor to).

My role involves developing sustainable designs for a variety of challenges. We provide the technical design information which allows the construction to be undertaken. Aside from the technical skills that I have – loosely described as “good common sense” and the ability to visualise solutions, the most important skill that I deploy daily is my ability to communicate both verbally and written to inspire the teams to produce the best possible solutions. In a vocational career as an engineer/scientist, science/maths/design are important to be able to progress efficiently but there are many other routes to secure a job to save the world for future generations.

Finance Management – Insurance Services

Name of Presenter

To be confirmed

Organisation

British Insurance Brokers Association

Short professional biography, for example training, subject choices

We are a trade body representing insurance brokers in the UK providing support across a diverse range of disciplines.

Brief Outline of your work

We are active in a number of areas representing insurance broker members including, education, regulatory updates and other support services to assist members in delivering insurance solutions to their customers.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

We are looking to promote career paths within insurance broking in the UK, educating schools, colleges and universities on the diverse opportunities that existing with our industry such as :

- Account executives
- Account handlers
- Finance
- Accounts
- I.T
- Human Resources
- People Management
- Claims handling.
- Administration

Financial Apprenticeships

Name of Presenter

Harriet Martin & Ricardo Gomez

Organisation

First Intuition

Short professional biography, for example training, subject choices

Harriet is Head of Client Services for the Northwest having worked her way up the organisational ladder after starting with the company as a business admin apprentice back in 2014. Harriet holds a level 5 CMI qualification.

Rick is Head of Tutors and Resourcing for the Northwest having starting his professional career as a Management Accountant back in 2012 for the UK's largest corporate dental company. He manages a team of 8 who deliver accountancy training to those seeking a professional qualification.

Brief Outline of your work

First Intuition is an Outstanding 'Ofsted' provider of finance and management apprenticeships. Learners who are seeking globally recognised professional qualifications such as AAT, ICAEW, ACCA, CIMA and CMI come to us to develop the knowledge, skills and behaviours required to both pass these professional exams and thrive in the workplace.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

We will be focussing on the different routes into a career in Finance, with a focus on the apprenticeship route and how this differs from the 'traditional' university route. Ideally, those attending the session should have an interest in Finance, business strategy and commercial acumen.

And, No, you do not need to be a math whiz to have a successful career in finance.

Higher Education

Name of Presenter

Dr Maria Kutar

Organisation

Salford Business School, University of Salford

Short professional biography, for example training, subject choices

Education – LLB Law, MSc Computer Science, PhD Computer Science, PG Cert Learning and Teaching in HE

Since completing my PhD I have worked as a Lecturer then Senior Lecturer in Universities. This was initially in Computer Science and I then specialised in Information Systems, which focuses on the ways in which people and organisations use and are affected by technology. So rather than developing the technology itself we look at how it can be used by businesses – how do they use systems to collect and analyse data, interact with customers and compete in their markets.

I currently lead the undergraduate Business programmes at Salford, and research into disruptive technologies, like how Chat GPT will change the way businesses work. I also teach things like app development and technology innovation.

The career route for this is to complete a degree followed by postgraduate study – usually a Masters and PhD, but this is often combined with time spent working in your industry. You don't have to stay in the area you do your degree in (I didn't!) but you do have to start with a degree. Its best to start with a subject you find interesting and then see where it leads.

Brief Outline of your work

Academics work in three main areas:

- Research – developing new knowledge and understanding in your field
- Teaching and Learning – designing courses and teaching students, from undergraduate to PhDs
- Industry – working with businesses on projects

No two days are the same – as an academic you have a lot of autonomy to manage your own time and work on research and projects that you are passionate about. Academics work in every discipline from science and engineering to healthcare, business and the

creative arts.

An important part of the role is connecting with other experts in your field, so there are opportunities to travel to meet with colleagues at other Universities, and attend conferences etc, often internationally.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

I will explain how Universities work – degrees, teaching, research, industry projects – and give some examples of how academics spend their time.

The talk will include information on skills –

Being curious and asking questions

Communication

Working with young people

Independent research

Creativity

Project management

I will also present an example of one of our current projects – AI Cats, which used AI image generators to develop a book of pictures of cats in the style of specific art movements

If you are thinking about a career in academia you can do this in any subject – I will give some examples of career pathways to show how you can do this, including spending time working in industry

Journalism

Name of Presenter

Michelle O'Leary

Organisation

Macmillan Cancer Support

Short professional biography, for example training, subject choices

A levels English Literature, Politics, History
BA Hons English & History
National Council for Training Journalists Diploma/Proficiency Test
100 wpm Shorthand

Brief Outline of your work

First career: Journalist (Print, online and radio) – trained on local Stockport weekly newspaper; Other print: Bristol Evening Post, Eastern Express HK:
Radio: Key 103, Radio Television Hong Kong, LBC, BBC Radio Manchester, BBC News Online, BBC 5 Live.

Second Career: Communications Lead NW England Macmillan Cancer Support – still using journalistic skills to tell stories of how Macmillan professionals and services support people living with cancer.

Objective to increase awareness of support so people access it; to inspire clinicians to work in cancer; to inspire fundraising; to influence govt/NHS to prioritise reversal of depletion of cancer workforce, to address the cancer backlog resulting from pandemic.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

How journalism can be a great force for good despite all the awful journalism we hear about eg Nicola Bullie coverage. But good journalism encompassing accuracy, balance, impartiality, fairness, facts based on at least three trusted sources brings us an understanding for instance that Putin did order the invasion of Ukraine, not the other way round, which is what Russians are told by their censored media. Important too that trusted organisations like NATO are used as sources. But mindful too of words of the ancient Chinese philosopher military strategist Sun Tzu: "all warfare is based on deception". There is always some form of bias in journalism.

Importance of facts and truth in story-telling as part of Macmillan's communication work. How people's 'stories' are a powerful way of illustrating the need for services, system change.

Importance of language; being interested in people and how telling their stories can help improve their experiences of diagnosis and treatment.

English, Politics and History gave me a good grounding for journalism and communications, but so can sciences and social sciences. Fundamentally it's all about being interested in the world and wanting to bring those stories to others – usually very quickly on a tight deadline.

Management

Name of Presenter

Jenni Willows

Organisation

Booth Centre (a Manchester-based charity supporting people affected by homelessness)

Short professional biography, for example training, subject choices

Qualifications:

12 O-levels: Maths, Further Maths, English Language, English Literature, Art, French, German, Biology, Latin, Music, Commerce

3 A-levels: Art, French, German

Foundation Course in Art & Design

BA(Hons) Fine Art

Work history:

1989-1993 Marks & Spencer / Sales Assistant (part-time)

1993-1998 Marks & Spencer / Finance Assistant

1998-2004 Library Theatre Company / Financial Administrator

2004-2012 Library Theatre Company / Development Manager

2012-2015 Library Theatre Company & Cornerhouse / Development Manager

2015-2022 HOME / Development Manager

2022-present Booth Centre / Head of Fundraising

Brief Outline of your work

What?

Responsible for raising money to support work that helps people affected by homelessness. Also responsible for the organisation's communications across print, social media, website.

How much?

Organisational income target is £1m per annum. My team – three people, including me – is responsible for raising 75% of this.

From who?

Individual supporters, businesses, events, grants & community organisations.

How?

A mix of relationship building, strategic planning, writing applications & reports, event management & delivery.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

Plan to expand on the bullet points under “Brief Outline of your work” and add the personal attributes that suit the different types of fundraising, e.g. a grant fundraising doesn’t need to be as outgoing as someone looking to engage corporate or individual supporters.

Skills I use on a daily basis: presentation, strategic thinking, writing clear but compelling cases for support, people skills, managerial/supervisory, good time planning, prioritising.

How useful were subjects in choosing this role? The job I do now didn’t even exist when I left school and the fundraising sector has changed enormously in the 20 years that I’ve been a fundraiser, especially with the increase in online tools. I learned as much about English grammar from my French and German A-levels as I ever did from my English Language O-level, and whilst my job doesn’t involve any opportunities for me to be “hands on” with my art, I’m sure it helps me think more creatively.

Medicine

Name of Presenter

Dr Hazel Swindles

Organisation

General Practice NHS

Short professional biography, for example training, subject choices

4 'A' Levels- Maths, Further maths, Biology and General studies
Graduated from Edinburgh University Medical School in 1995.
Junior Doctor several years
Year as a Doctor in Australia
Trained as GP and now work as a GP partner in Salford.
Also works as GP appraiser-
Appraisal is a yearly process for doctors to check they are working
in line with GMC (general medical council) guidance.

Brief Outline of your work

Work as GP 3 days/week.
My practice has 6 partners
We share the property.
We employ 25 members of staff.

Day to day work.
2 sessions per day, home visits and paperwork.
20 patients per session (half day).
All ages including children.

GP appraiser 1 day a week.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

Encouraging students to study science A levels and to study medicine.
Emphasise the benefits from working in healthcare and being a doctor.
How and why to get into medicine.
Roles and skills of doctors.
Questions

Nursing and Midwifery

Name of Presenter

Phillippa Livesey

Organisation

Northern care alliance (Salford Royal)
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Short professional biography, for example training, subject choices

Access course to nursing and midwifery (1 year) Bachelor of science (Adult nursing) 3years

Brief Outline of your work

I provide treatment and care to individuals in the community in the comfort of their own homes, from giving insulin and medications, to complex dressings and simple dressing to managing leg ulcers and providing care to the dying.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

As a community nurse my morning starts at 8am where I will prioritise my patients who need insulin. I will then have a list of around 20-25 patients per day including the insulins. After I have done my morning insulins I will then look at my list and prioritise my patients according to their needs that they may need. As a community nurse you mainly work alone.

Maths is integral for this role as you will have to do drug calculations. Also biology is useful as you need to provide care to patients who have wounds and you will need to understand the healing process of the skin and which dressings are best used for what wounds. When dealing with a patient who has a leg ulcer they are normally in a two layered bandage, the way the bandage is put on makes a difference to the healing process. We will wash the leg in warm water and any solutions that will be needed to aid the healing process, we will then dry the leg and dress the leg with certain dressings according to the wound, then we will apply the two layer bandage. These calls can take up to anything between 20-30minutes.

I will also see patients who need b12 injections, venepuncture, to suture removal and giving medications through injections. We also do visit's for pressure area checks and moisture lesions which is a break down of the skin, so we will go and check pressure areas. We also catheterise patients weather this is superpubic or the normal way. Once

we have completed the morning visits we will go back to the office where we have handover and discuss any issues that we may have encountered. In this time we will also write up our notes of what we have done with each patient. We will then go back out to given any evening insulins or medications or any call outs that we may have.

Software Development

Name of Presenter

Robin Walsby

Organisation

OneFile – Provides education technology tools and software to support apprenticeships

Short professional biography, for example training, subject choices

Apprenticeship in Electronic Engineering at British Aerospace Civil Aircraft.

Researcher and software developer in the field of Colour Communication.

Software developer in the field of Automotive Diagnostics.

Software developer, Architect, Trainer in the field of Travel and Airline Booking.

Software developer in the field of Education Technology.

Also bachelor and master's degrees.

Brief Outline of your work

I write 'full stack' website code, which means both backend and front end.

Based within a team of developers and the other support roles such as architects, product leaders, interface designers, testers, releasers that work together in two week cycles (sprints) to continually update the software products.

Nowadays I write mainly using C# (for backend), SQL (for database), Angular (for frontend), but also in the past used many other legacy languages such as C++.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

I can talk about the value of an apprenticeship as an alternative to the normal pathway of 6th form followed by a degree.

Role:

Every day we start with a team 'standup' (normally via video call now), discuss what

everyone's doing next and any 'blockers' to what you're doing. I'm assigned work items via Jira (an issue tracking and planning software site) within a planned 2 week 'sprint'.

I write code in-conjunction with other developers and develop the interface with the help of the UX designer then finally test my changes with the help of the QA team.

Then everyone's involved in the planning for the next sprint, towards the end of the current sprint.

Skills:

Communication and imagination play a huge part in how you develop software, you're writing it in a way that your change joins well with the existing codebase. It needs to work, but also making sure the code is easy to for someone else to understand in the future.

Subjects and learning:

I began my career with about 10 GCSE equivalents across a broad range including design tech, physics, chemistry, maths, mixed in with the history, English, geography, etc. During the apprenticeship I took electronics HND and HNC's followed a few years later with a degree in software engineering. Finally a master's degree taken after one of the times I was made redundant (businesses close, you move on and can always change and adapt during your career).

The subjects definitely help, and were great to accomplish and I believe in always learning. But this is in tandem with what you can just talk about – I landed the apprenticeship against 5000 other people, just talking about hobbies and an open day at the airfield I'd visited before my first ever interview.

Surveying

Name of Presenter

Dominic Stanger FRICS

Organisation

WT Gunson Chartered Surveyors, 1 King Street, Manchester

Short professional biography, for example training, subject choices

1985-88 Degree in Estate Management at Reading University.

1988-90 Trainee Surveyor at Smiths Gore in Carlisle, Passed Assessment of Professional Competence (RICS assessment).

1990 to date. Surveyor rising to partner at WT Gunson, a medium sized firm of general practice surveyors based in Manchester, covering the North West of England.

We sell and let commercial properties, shops, industrial, offices, development land, manage it for landlords, do surveys and valuations for purchasers, lenders, taxation advice, expert witness reports for court, dispute resolution.

Brief Outline of your work

I am the partner in charge of the Professional Services Department, which deals with valuations, and advises landlords and tenants regarding their rights and liabilities under their leases. It is a varied job partly in the office, but 25-30% of my time is out of the office, either on site inspecting and measuring commercial properties, meeting clients, and other surveyors to discuss, advise, and resolve property issues. Reasons I like the job:

It is a professional and skilled job.

It involves using my property expertise to advise and help resolve client's problems.

Every job is different, and frequently challenging.

It is not desk bound.

It is very social.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

The variety of careers available in the property industry.

Training routes to become a Chartered Surveyor.

What A levels are useful?

Key Universities who do property courses.

Useful skills to be a good surveyor.

Teaching

Name of Presenter

Rob Kanter

Organisation

Manchester Metropolitan University

Short professional biography, for example training, subject choices

I completed by BA(Hons) in History at the University of Leeds in 2001. Following a break from formal academic study I completed an MA(Distinction) in Religions and Theology (Jewish Studies) at the University of Manchester in 2017. I am currently working towards completion of a PhD in a History of Jewish- Muslim relations in Britain, c1900-1990, also at the University of Manchester.

Following completion of my PGCE in Secondary History at MMU, I worked as teacher and then head of History at Bury Church of England High School before taking up my current post as a Lecturer in Primary and Secondary History Education at Manchester Metropolitan University.

Brief Outline of your work

I teach across BA and PGCE programmes in Education. This includes the History subject specific input on the BA Primary course as well as working as a personal tutor and teaching on some generic units.

I also teach on the PGCE Secondary History programme and other associated units. In addition, I conduct interviews for prospective BA candidates and work alongside school partners to make the group interview format positive and useful.

As a University Visiting Tutor I visit a number of students from the primary and secondary courses to discuss their progress and work alongside school partners.

Description of what you will be talking about – what does your role involve? What skills do you use on a daily basis? How useful were subjects in choosing this role?

I will be giving an overview of routes into teaching, but will focus on the BA Primary programme and how placements and university courses are aligned to encourage students to reflect and consistently develop their own teacher and wider professional identity. In addition, I will discuss the innovative research elements of the course which develop their skills as a teacher researcher.

I will also discuss the PGCE Primary and Secondary programme as another route into teaching.

This talk will focus on core skills including communication, collaboration, flexibility and academic research skills as well as the wider opportunities offered for a fulfilling student life at MMU.