

IMECHE AWARDS CEREMONY: SCHOLARSHIPS AND AWARDS 2020

Institution of
**MECHANICAL
ENGINEERS**

Thursday 5 November 2020
via Webex



Improving the world through engineering

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SCHOLARSHIP AND AWARDS CEREMONY

Thursday 5 November 2020 – via Webex

Timetable

16:00	Welcome
16:05	Presentation of Undergraduate and Postgraduate Awards
16:25	Presentation of the Apprentice and EngTech Awards
16:40	Commencement of the 37th Whitworth Awards Ceremony Whitworth President's Speech Presentation of the Whitworth Awards
17:25	Closing Remarks and thanks
17:30	Event Concludes



Awards Ceremonies are always exciting occasions. This year is unique as it is the first time we will hold our ceremony online – it, like so many of our other activities, has gone digital as a result of the pandemic.

Our 2020 Awards showcase the very best in mechanical engineering and highlight our young engineers' potential to make a difference and solve some of the many challenges we face today.

There is remarkable talent here, both in people who have continued their studies directly from school and those who have returned to them after a period of work. Not all paths to engineering have been straightforward – one award winner originally did a degree in English before deciding to change course and start as an engineering apprentice. As an Institution, we are proud to support these young engineers to develop the technical skills and the creativity they need to thrive in this fast-changing world.

The standard of our entrants has been high. In fact, this year for the first time we have joint winners of our Engineering Technician of the Year award, the judges were so impressed they were unable to decide between the top two candidates.

These Awards are also an opportunity to show how engineering is relevant to everyone offering more career options in a wide variety of areas.

Please join us in celebrating the achievements of this year's winners who are starting out on their careers and keen to make their mark despite the many challenges we face today.

Dr Colin Brown CEng FIMechE FIMMM
CEO

AWARD HOLDERS

IMechE 'Eaton' Undergraduate Scholarship

Farheen Muhammed	University of Oxford
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IMechE 'Land Rover Spen King' Sustainability Award

Mohit Agarwalla	Imperial College London
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IMechE Undergraduate Scholarship Award Holders

Matthew James Bryan	University of Cambridge
Zachary Thomas Howitt Cunningham	University of Sheffield
Isabel Rochelle Dodd	University of Bristol
Nathanael Aaron Jenkins	Imperial College London
Nandini Shiralkar	University of Cambridge
Laurence James Vines	University College London

IMechE First Year Undergraduate Scholarship Award Holders

Rosa Arthur	University of Oxford
Christopher McIntyre	University of Strathclyde
Nevin Pillai	University of Cambridge
Brittney Slavin	Durham University
Ava Minoo Udwadia	Loughborough University

AWARD HOLDERS

Postgraduate Masters Scholarship

Nathan Matthew Cochrane	MSc in Mechanical Engineering at Teesside University
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Jon Ryan Hale Ward	MSc in Automotive Engineering with Electric Propulsion at The University of Bath
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Bryan Hildrew Apprentice of the Year

Jessica Reading – Siemens PLC

EngTech of The Year - Joint Winners:

Euan Alexander MacLean - Doosan Babcock

Rebecca Simms – MBDA

Advanced Apprenticeship Provider of the Year

UK Atomic Energy Authority (UKAEA)

Whitworth Award Holders

Name	College/ Qualifications Obtained	Company Apprenticeship Served at:	University	Degree
Allinson Ryan	Abingdon & Witney College BTEC Higher National Diploma in Electrical and Electronic Engineering	Science & Technology Facilities Council	London South Bank University	BEng in Electrical & Electronic Engineering Part-time
Armstrong Christopher Ewan Alexander	Burnley College (University of Central Lancashire) BTEC Higher National Diploma in Mechanical Engineering	RLC Callender	University of Sheffield	MEng in Mechanical Engineering Full-time
Brown Jed Matthew	(1) Rolls-Royce plc (2) University of Derby (1) EAL Level 4 NVQ Extended Diploma in Engineering Manufacture (2) BEng in Mechanical Engineering	Rolls-Royce plc	Loughborough University	MSc in Systems Engineering Part-time

Crump Benjamin	(1) University of Central Lancashire (2) Lancaster University (1) BTECH Higher National Certificate in Mechanical and Computer Aided Engineering (2) BEng(Ord) in Mechanical Engineering	BAE Systems Inc	University of Birmingham	MSc in Physics and Technology of Nuclear Reactors Part-time
Devlin Rebekah May	Furness College (Lancaster University) BTEC Higher National Certificate in Mechanical and Computer Aided Engineering	BAE Systems Maritime Submarines	Furness College (Lancaster University)	BEng(Hons) in Mechanical Engineering Part-time
Fyvie Reece	(1) North East Scotland College (1) SQA Higher National Diploma in Mechanical Engineering	Wood Group PSN / ECITB	Robert Gordon University	BEng(Hons) in Mechanical Engineering Part-time
Hanak Endre	University of Greenwich FdE with Distinction in Mechanical Engineering and a BEng in Mechanical Engineering Technology	Ford Motor Company	Loughborough University	MSc in Engineering Design Part-time

Whitworth Award Holders

Name	College/ Qualifications Obtained	Company Apprenticeship Served at:	University	Degree
Hore Douglas	Newbury College BTEC Higher National Certificate Level 4 in Mechanical Engineering	Nuvia Limited	Solent University, Southampton	BEng(Hons) in Mechanical Engineering Part-time
Kettell Scott	Warwickshire College Group, Rugby College BTEC Level 3 Diploma	The Advanced Manufacturing Training Centre	The Open University	BEng in Engineering Part-time
Kirk Oliver James	Gloucestershire Engineering Training BTEC Higher National Certificate in Mechanical Engineering	Safran Landing Systems	The University of the West of England	MEng in Mechanical Engineering Part-time
Kitney Jake Adrian Connor	Uxbridge College BTEC Level 4 Higher National Certificate in Mechanical Engineering	Hale Hamilton Valves Ltd	London South Bank University	BEng(Hons) in Mechanical Engineering Part-time
Mann Charlie Ayrton	Warwickshire College Group, Warwick Trident College BTEC Level 3 Diploma in Engineering	Jaguar Land Rover Limited	The Open University	BEng(Hons) Part-time

Mayers Daniel Mark	Bridgwater and Taunton College BTEC Level 4 Higher National Certificate in Electrical and Electronic Engineering	Defence Equipment and Support	The University of the West of England	BEng(Hons) in Mechanical Engineering Part-time
Parker Jennifer Joanne	Warwickshire College Group, Warwick Trident College BTEC Level 3 Extended/Diploma in Advanced Manufacturing Engineering	Jaguar Land Rover Limited	The Open University	BEng(Hons) Part-time
Patel Sundeep Kumar	(1) St Helens College (2) University of Leeds (1) BTEC Level 3 Diploma in Mechanical Engineering (2) BEng in Aeronautical and Aerospace Engineering	North West Apprenticeship Company	Cranfield University	MSc in Astronautics and Space Full-time
Penty Geraets Ewan Herman	Yeovil College BTEC Level 4 Higher National Certificate Diploma in Aeronautical Engineering	Leonardo Helicopters	University of Leeds	MEng in Architectural Engineering Full-time
Wood Christopher James	Solent University, Southampton BTEC Higher National Certificate in Engineering	Red Current Ltd & UKAEA	Solent University, Southampton	BEng(Hons) in Electronic Engineering Part-time

Whitworth Senior Scholarship Award Holders

Name	College/ Qualifications Obtained	Company Apprenticeship Served at:	University	Degree Awarded
Ashley Joshua	(1) University of Central Lancashire/ Furness College (2 & 3) Lancaster University (1) BTEC Higher National Certificate in Mechanical and Computer Aided Engineering (2) BEng (Ordinary) in Mechanical and Computer Aided Engineering (3) BEng(Hons) in Mechanical and Computer Aided Engineering	BAE Systems plc	University of Manchester	PhD in "Alloy Design and High Temperature Mechanics of Plasma-Facing Materials" Full-time
Blaikie Polly Esme	(1) City of Bristol College and Plymouth University (2) Cardiff University (1) BTEC Higher National Certificate in Mechanical Engineering (2) BEng in Mechanical Engineering	Ministry of Defence - Defence Equipment and Support	Cardiff University	PhD in Smart Patches for the Early Detection of Knee Osteoarthritis Part-time

Ricketts Jon	(1) Solent University, Southampton (2&3) Bournemouth University (1) BTEC Higher National Certificate in Mechanical Engineering (2&3) FdSc in Manufacturing Management and a BEng(Hons) in Engineering	Cobham plc (formerly Flight Refuelling Ltd)	Cranfield University	PhD in "Application of machine learning to air safety occurrence reports" Part-time
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Whitworth Scholars

Name	College/Qualifications Obtained	Company Apprenticeship Served at:	University	Degree Awarded
Ashley Joshua	(1) University of Central Lancashire/ Furness College (2) Lancaster University (1) BTEC Higher National Certificate in Mechanical and Computer Aided Engineering (2) BEng (Ordinary) in Mechanical and Computer Aided Engineering	BAE Systems plc Graduate Employer: University of Manchester Job Title: PhD Student	Lancaster University	BEng(Hons) in Mechanical and Computer Aided Engineering First

Burrows Jack Antony	Buckinghamshire New University BTEC Higher National Certificate in Mechanical Engineering Design	Hale Hamilton Valves Limited Graduate Employer: Hale Hamilton Valves Ltd Job Title: Manufacturing Engineer	London South Bank University	BEng(Hons) in Mechanical Engineering First
Clarke Adam Philip	Peterborough Regional College BTEC Higher National Certificate Diploma in General Engineering	Perkins Engines Company Limited Graduate Employer: Perkins Engines Company Limited Job Title: Data Scientist	(1) Birmingham City University (2) Loughborough University	(1) BEng(Hons) in Mechanical Engineering First (2) MSc in Industrial Mathematical Modelling Distinction
Dawson Emma Rose	Stockport College BTEC Level 3 Diploma in Operations and Maintenance Engineering	Cannon Viking Ltd. Stockport Engineering Training Association (SETA) Graduate Employer: (1) Street Crane Co Ltd (2) (Cannon Viking Ltd) Job Title: (1) Graduate Mechanical Design Engineer (2) Project Design Engineer	Manchester Metropolitan University	BEng(Hons) in Mechanical Engineering First

Eccles Matthew Robert	Wigan and Leigh College BTEC Higher National Diploma in Electrical and Electronic Engineering	MBDA UK Ltd Graduate Employer: MBDA UK Ltd Job Title: Test Engineer, TSM Seekers	University of Central Lancashire	BEng(Hons) in Electrical and Electronic Engineering First
Fisher Scott Dayne	Bridgwater College Foundation Degree in Mechanical Engineering	Rolls-Royce plc Graduate Employer: Rolls- Royce plc Job Title: Manufacturing Engineering Team Lead, Development Assembly	The University of the West of England	MEng(Hons) in Mechanical Engineering Distinction
Godden David Mark	Abingdon and Witney College BTEC Level 3 Diploma in Electrical/ Electronic Engineering	United Kingdom Atomic Energy Authority (UKAEA) Graduate Employer: UKAEA Job Title: Apprentice Scheme Manager	The University of the West of England	MEng(Hons) in Electronic and Computer Engineering First
Hill Gemma	Hull Tec BTEC Higher National Certificate in Engineering	Dunston (Ship Repairs) Ltd Dunston (Ship Repairs) Ltd Graduate Employer: Jacobs Engineering Job Title: Mechanical Designer	University of Hull	BEng(Hons) in Mechanical Engineering First

McMurray Nicholas Andrew	(1) Belfast Metropolitan College (2) Ulster University (1) BTEC Level 4 Higher National Certificates in Aeronautical Engineering (2) BSc(Hons) in Sports Technology	Bombardier Aerospace Graduate Employer: Bombardier Aerospace Job Title: Stress Engineer	Ulster University	MSc in Advanced Composites & Polymers Distinction
Miller Dominic	Furness College/ University of Central Lancashire BTEC Higher National Certificate	GlaxoSmithKline Graduate Employer: GlaxoSmithKline Job Title: Plant Engineering Manager	Lancaster University/ Furness College	BEng(Hons) in Mechanical Engineering First
Steel Christopher	North Warwickshire and Hinckley College BTEC Higher National Diploma in Mechanical Engineering	Dennis Eagle Limited Graduate Employer: Dennis Eagle Ltd Job Title: Mechanical Design Engineer	Coventry University	BSc(Hons) in Engineering First
Walsh Martyn Geran	Newbury College BTEC Higher National Certificate in Electronic Engineering	United Kingdom Atomic Energy Authority (UKAEA) Graduate Employer: UKAEA Job Title: Electromechanical Technician	(1) Solent University, Southampton (2) London South Bank University	(1) BEng(Hons) in Electronic Engineering First (2) MSc in Electrical and Electronic Engineering Distinction

White Dean	(1) South Cheshire College (2) Manchester Metropolitan University (1) BTEC Level 3 in Electrical and Electronic Engineering and Fd (2) BEng in Electrical and Electronic Engineering	Arriva TrainCare Graduate Employer: SNC-Lavalin Job Title: Senior Consultant	Brunel University London	MSc in Engineering Management Distinction
Williams Lewis Raymond	British Army NVQ Level 3 in Engineering Maintenance (Mechanical)	British Army Graduate Employer: Kongsberg Defence & Aerospace AS Job Title: Project Engineer Division Space & Surveillance	University of Manchester	MSc in Aerospace Engineering Distinction

Whitworth Senior Scholar

Name	College/ Qualifications Obtained	Company Apprenticeship Served at:	University	Degree Awarded
Carrell Julia	(1) Mid Cheshire College (2) University of Sheffield (1) BTEC National Diploma in Mechanical and Electrical Engineering (Distinction) (2) MEng Mechanical Engineering	Royal Signals and BMW Graduate Employer: University of Sheffield Job Title: University Teacher - Tribology	University of Sheffield	PhD

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