



SciFest@TUS Midlands Awards Sheet 2023



SENIOR LIFE SCIENCES INDIVIDUAL CATEGORY

Presented by Zara Thomas Zoetis and Sile O'Flaherty TUS Athlone

	Stand No.	School	Project Title	Student(s)	Teacher
SECOND PLACE	186	Lanesboro Community College	Investigating the impact of school location, size and socioeconomic status on school performance at national cross country events from 2014 to 2020	Conor Lyons	Mr Michael Lyons
FIRST PLACE	188	Tullamore College	Growing the future! Investigating the growth of mycelium packaging using button mushrooms.	Fatima Karimi	Elaine Howlin

SENIOR LIFE SCIENCES GROUP CATEGORY

Presented by Zara Thomas Zoetis and Sile O'Flaherty TUS Athlone

	Stand No.	School	Project Title	Student(s)	Teacher
FIRST PLACE	178	Glenamaddy Community School;	Sleep Eight Feel Great	Michaela Guillooly and Evelynn Geoghegan	Ms Aoife Collins

SENIOR PHYSICAL SCIENCES INDIVIDUAL CATEGORY

Presented by Dr Paul Massé Arran Chemical (Almac) and Dr Sean Reidy TUS Athlone

	Stand No.	School	Project Title	Student(s)	Teacher
Second Place	191	Coláiste Mhuire	Ribguard	Michael Geoghegan	Eva Acton
FIRST PLACE	192	Lanesboro Community College	An investigation into the GPU market and their price fluctuations before, during and after Covid-19	Edgar Veinbergs	Mr Michael Lyons

SENIOR PHYSICAL SCIENCES GROUP CATEGORY

Presented by Dr Paul Massé Arran Chemical (Almac) and Dr Sean Reidy TUS Athlone

	Stand No.	School	Project Title	Student(s)	Teacher
FIRST PLACE	181	Our Ladys Bower	Universe's foundation	Xhesika Gica and Ritcha Lee	Mrs Samantha Fox Reilly

SENIOR TECHNOLOGY INDIVIDUAL CATEGORY

Presented by Cllr. Aengus O'Rourke Westmeath County Council and Dr Cathy Brougham TUS Athlone

	Stand No.	School	Project Title	Student(s)	Teacher
FIRST PLACE	196	Lanesboro Community College	How big an affect does Social Media have on gate receipts in the League of Ireland?	Bryan Mullooly	Mr Michael Lyons

SENIOR TECHNOLOGY GROUP CATEGORY

Presented by Cllr. Aengus O'Rourke Westmeath County Council and Dr Cathy Brougham TUS Athlone

	Stand No.	School	Project Title	Student(s)	Teacher
FIRST PLACE	182	Colaiste Mhuire,	A-OK	Robert Brennan and Hugh Murtagh	Eva Acton

INTERMEDIATE LIFE SCIENCES GROUP CATEGORY

Presented by Siobhan Lowbridge Zoetis and Dr Mary Booth TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
Highly Commended	79	Roscommon Community School	An investigation into the prevalence of graffiti in post primary schools and student motivations for graffiti involvement	Erin Hayes and Hollie Torpe	Ms Niamh Conway
Highly Commended	114	Oaklands Community College	Does the Ph of soil effect the rate that mealworms decompose matter at	Lauren Kavanagh, Caoimhe Brewer and Caoimhe Casey	Mr Shane Creevy
Joint Third Place	82 and 88	Moate Community School Roscommon Community School	Can Native Waterweeds Solve Irish Farmer's Feed and Environmental Problems? Upcycling Waste Streams for Horticultural Use Through the Addition of Biofiber (Wool)	Nathan Downes, Daniel Lynam and Éanna Maxwell Shauna McDermott, Liam Naughton and Conor Morris	Mrs Mairead Cusack Ms Niamh Conway

Second Place	111	Moate Community School	Evaluating the Effectiveness of Farming Practices at Reducing Laminitis Incidence among Irish Connemara Ponies Further Investigations.	Lauren Finan and Trina fox	Ms Mairead Cusack
First Place	104	Athlone Community College	A BSF Miracle?	Sean Brennan, Jasper Ryan and Shreyash Shukla	Ms Emma Buckley

INTERMEDIATE LIFE SCIENCES INDIVIDUAL CATEGORY

Presented by Kate Niami Zoetis and Dr Carmel Kealey TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
Third Place	162	Athlone Community College	MushROOM to Improve; Bioremediation of waste water using Spent Mushroom Compost (SMC)	Mia Olwill	Ms Catherine O'Meara
Second Place	170	Tullamore College	An Investigation into the Ecotoxicity of e-Liquids	Daniel Scally	Elaine Howlin
First Place	161	Athlone Community College	Giving Girls a Voice: how successful is the HSE at treating girls with endometriosis	Kayleigh McNamara	Ms Catherine O'Meara

INTERMEDIATE PHYSICAL SCIENCES GROUP CATEGORY

Presented by Kate Devereux Medtronic and Dr Anne Friel TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
Second Place	146	Our Ladys Bower	Can't Sleep? It could be your road	Mai Tran and Mishty Kandpal	Mrs Samantha Fox Reilly
First Place	145	Castlepollard Community College	The string pendulum	Antonia Ziesecke ,Irene Pinilla and Sean Og Butler	Ms Aoife Brady

INTERMEDIATE TECHNOLOGY INDIVIDUAL CATEGORY

Presented by Presented by - Cllr. Aengus O'Rourke Westmeath County Council and Dr Cormac O'Shea TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
FIRST PLACE	174	Coláiste Mhuire	BSS – Bike Safety System	Killian McGrath	Eva Acton

INTERMEDIATE TECHNOLOGY GROUP CATEGORY

Presented by Presented by – John McKenna TUS Athlone and Dr Noreen Morris TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
Third Place	150	Roscommon Community School	An investigation into the effects of Technostress (TS), Compulsive Social App Usage (CSAU) and Fear of Missing Out (FOMO) on Post-Primary Students in Ireland.	Nathan Mac an Bháird, Rián Kingi and Jack Campbell	Ms Niamh Conway
Second Place	154	Gallen Community School	Farm Safety Slurry Sensor	Darragh Mannion and Calum Corcoran	Ms Aideen Petitt
First Place	157	Coláiste Chiaráin	A safer swim	Keela Plunkett. Antoni Wawrzyniak, Éle McCarthy	Mrs Patricia Buckley

JUNIOR TECHNOLOGY GROUP CATEGORY

Presented by John McKenna TUS Athlone and Dr Cathy Brougham TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
Second Place	46	Our Ladys Bower	Rock, Paper, Scissors – Boys VS Girls	Anna-Marie Mullen, Niamh Doyle and Christina Whittacker	Mrs Karina Jones
First Place	50	Our Ladys Bower	A Kind Eye - A Risk Assessment Machine Learning Algorithm for Vulnerable Adults	Emma Fallon and Sophia McGorisk	Ms Julie-Ann Greaney

JUNIOR TECHNOLOGY INDIVIDUAL CATEGORY

Presented by John McKenna TUS Athlone and Dr Cathy Brougham TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
Second Place	68	Marist College	PC Cooler	Ruairi Collins	Ms Julie Coyle
First Place	67	Coláiste Mhuire	Pet tracker app	Darragh Filtness	Eva Acton

JUNIOR PHYSICAL SCIENCES GROUP CATEGORY

Presented by Dr Cormac O'Shea TUS Athlone and Prof Clem Higginbotham TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
THIRD PLACE	36	Marist College	How different drinks effect our teeth	Nilton Tica Jose, César Leal, Héctor Navarro	Mrs Julie Coyle
SECOND PLACE	40	Tullamore College	What foundation do you use	Saoirse Garry, Rachel Hackett and Holly Coughlan	Ms Anna Burke
FIRST PLACE	32	Marist College	How to remove rust using electrolysis	Muhammad Ibrahim Tariq, and Evan Owens	Ms Julie Coyle

JUNIOR PHYSICAL SCIENCES INDIVIDUAL CATEGORY

Presented by Dr Cormac O'Shea TUS Athlone and Prof Clem Higginbotham TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
SECOND PLACE	60	Coláiste Chiaráin	Music + Math = a perfect pair	Aristide Selve	Mrs Patricia Buckley
FIRST PLACE	65	Our Ladys Bower	How Sunspots can effect life of earth	Ailbhe Dwyer	Ms Julie-Ann Greaney

JUNIOR LIFE SCIENCES GROUP CATEGORY

Presented by Dr Carmel Kealey TUS Athlone and Dr AnneMarie O'Brien TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
Highly Commended	5	Marist College	How different drinks effect plant growth	Finn McCormack, Cian Marshall and Ryan Lin	Ms Martina Carey
Third Place	24	Athlone Community College	Gender stereotypes in schools – when did they emerge?	Caoilfhionn Macken and Maeve Murphy	Ms Laura Donnellan
Second Place	22	Tullamore College	Does it really do what it says on the bottle	Sarah Guinan and Katie Guinan	Ms Grace McCormack
First Place	20	Tullamore College	The effect of different types of alcohol on the liver	Tess Flynn and Clodagh Hynes	Elaine Howlin

JUNIOR LIFE SCIENCES INDIVIDUAL CATEGORY

Presented by Dr Carmel Kealey TUS Athlone and Dr AnneMarie O'Brien TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
FIRST PLACE	52	Marist College	Lambing Aid Assist	Josh Miley	Ms Julie Coyle

SPECTRUM SIGNS DISPLAY AWARDS

Presented by Dr Cormac O'Shea TUS Athlone and Dr Anne Mulvihill TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
DISPLAY AWARD INDIVIDUAL	60	Coláiste Chiarain	Music + Maths = a perfect pair	Aristide Selve	Mrs Patricia Buckley
DISPLAY AWARD GROUP	158	Our Ladys Bower	Move Over Biodegradable Plastic - Let's Talk Edible	Michelle Hughes and Muireann Lambe	Ms Ellen McGuire

NISO Health and Safety Award

Presented by Chris McCormack and Dr Sean Reidy TUS Athlone

Second Place	154	Gallen Community	Farm Safety Slurry Sensor	Darragh Mannion and Calum Corcoran	Ms Aideen Pettit
First Place	174	Coláiste Mhuire	BSS- Bike Safety System	Killian McGrath	Eva Acton

Dawn Meats Agricultural Science Award

Presented by Peter Quinn, Dawn Meats and Dr Cormac O'Shea TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
Dawn Meats Agricultural Science Award <i>Trophy + Vouchers</i>	104	Athlone Community College	A BSF Miracle	Sean Brennan, Jasper Ryan and Shreyash Shukla	Mrs Emma Buckley

IRISH SCIENCE TEACHERS' ASSOCIATION Student AWARD - Best Project in Junior Category

ISTA Student Award

Presented by Sheila Porter CEO SciFest and Dr Noreen Morris TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
Irish Science Teachers' Association Student Award <i>Trophy + Vouchers</i>	50	Our Ladys Bower	A Kind Eye - A Risk Assessment Machine Learning Algorithm for Vulnerable Adults	Emma Fallon and Sophia Mc Gorisk	Ms Julie-Ann Greaney

**Discover Space Award
(ESERO Ireland)**

Presented by Dr Cathy Brougham TUS Athlone and Sile O'Flaherty TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
ESERO Ireland Discover Space Award Winner <i>Trophy Gift cards</i>	181	Our Ladys Bower	Universe's foundation	Xhesika Gica and Ritcha Lee	Ms Samantha Fox Reilly
DISCOVER SPACE TEACHER AWARD <i>Space Atlas</i>	Mrs Samantha Fox Reilly Julie Ann Greaney in photo				

SciFest CHEMISTRY STUDENT AWARD

Presented by Deon Keighery Arran Chemical and Dr Sean Reidy TUS Athlone

	Stand No.	<i>School</i>	Project Title	Students	Teacher
Runners Up	20	Tullamore College	The effect of different types of alcohol on the liver	Tess Flynn and Clodagh Hynes	Ms Elaine Howlin
Chemistry Award Winner <i>Trophy + Vouchers</i>	134	Our Ladys Bower	Water Chemical Percentage Testing Kit	Tijana Bajic, Kate Maynard and Georgina Ter	Mrs Julie-Ann Greaney

Regeneron Life Sciences Award

Presented by Gosia Poplawska Regeneron and Dr Anne Friel TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
Regeneron Life Sciences Award <i>Trophy + Vouchers</i>	170	Tullamore College	An Investigation into the Ecotoxicity of e-Liquids	Daniel Scally	Elaine Howlin

Accenture Maths in Science Award

Presented by Gosia Poplawska Regeneron and Dr Anne Friel TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
Accenture Maths in Science Award <i>Trophy + Vouchers</i>	145	Castlepollard Community College	The string pendelum	Antonia Ziesecke ,Irene Pinilla and Sean Og Butler	Ms Aoife Brady

SciFest Communication Award

Presented by Dr Cormac O'Shea TUS Athlone and Dr Carmel Kealey TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
SciFest Communication Award <i>Trophy + Vouchers</i>	65	Our Ladys Bower	How Sunspots can affect life on earth	Ailbhe Dwyer	Miss Julie-Ann Greaney

Smurfit Kappa Sustainability Award

Presented by - Cllr. Aengus O'Rourke Westmeath County Council and Dr Anne Marie O'Brien TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
Smurfit Kappa Sustainability Award <i>Trophy + Vouchers</i>	162	Athlone Community College	MushROOM to Improve; Bioremediation of waste water using Spent Mushroom Compost (SMC)	Mia Olwill	Ms Catherine O'Meara

Business Excellence Institute Award

PRESENTED BY Mark Atterbury Enterprise Ireland and Dr Cathy Brougham TUS Athlone

	Stand No.	<i>School</i>	Project Title	Students	Teacher
Business Excellence Institute Award <i>Trophy + Vouchers</i>	52	Marist College	Lambing aid Assist	Josh Miley	Ms Julia Coyle

INSTITUTE OF PHYSICS AWARD

PRESENTED BY Mark Atterbury Enterprise Ireland and Dr Cathy Brougham TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
INSTITUTE OF PHYSICS AWARD <i>Trophy + Vouchers</i>	65	Our Ladys Bower	Our Sunspots can effect life on earth	Ailbhe Dwyer	Ms Julie-Ann Greaney

INTEL Technology Award

Presented by Seamus Hyland INTEL and John Harding TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
Intel Award <i>Trophy + Vouchers</i>	174	Coláiste Mhuire	BSS – Bike Safety System	Killian McGrath	Eva Acton

EirGrid Climate and Delivering a Cleaner Energy Future Award

Presented by John Harding TUS Athlone and Sile O'Flaherty TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
EirGrid Climate and Delivering a Cleaner Energy Future Award <i>Trophy + Vouchers</i>	82	Moate Community School	Can Native Waterweeds Solve Irish Farmer's Feed and Environmental Problems?	Nathan Downes, Daniel Lynam and Éanna Maxwell	Ms Mairead Cusack

Boston Scientific Medical Devices Award

Presented by Paraic O’Nuallain Boston Scientific, Daire Joyce Boston Scientific, Dr Mary Booth TUS Athlone

	Stand No.	School	Project Title	Students	Teacher
Boston Scientific Medical Devices Runner-up	50	Our Ladys Bower	A Kind Eye - A Risk Assessment Machine Learning Algorithm for Vulnerable Adults	Emma Fallon and Sophia McGorisk	Ms Julie-Ann Greaney
Boston Scientific Medical Devices Award <i>Trophy + Vouchers</i>	182	Coláiste Mhuire	A-OK	Robert Brennan and Hugh Murtagh	Eva Acton

Best School Award - Sponsored by TUS Midlands

Presented by Dr. Noreen Morris TUS Athlone and Dr Don Faller TUS Athlone

	School	Teacher(s)
Best School Award	Our Ladys Bower	Ellen McGuire, Ms Julie – Ann Greaney, Mrs Karina Jones, Mrs Samantha Fox-Reilly

SciFest RUNNER-UP Best Project Award

Presented by Paraic O’Nuallain Boston Scientific, Daire Joyce Boston Scientific, Sheila Porter CEO SciFest, Dr Noreen Morris TUS Athlone.

	Stand No.	School	Project Title	Students	Teacher
RUNNER-UP BEST PROJECT AWARD <i>Trophy + Vouchers</i>	182	Coláiste Mhuire	A-OK	Robert Brennan and Hugh Murtagh	Eva Acton

SciFest BEST PROJECT AWARD

Presented by Sheila Porter CEO SciFest, Dr Noreen Morris TUS Athlone, Dr Don Faller Athlone, Dr Cormac O'Shea TUS Athlone, Dr Carmel Kealey TUS Athlone, Dr Anne Mulvihill TUS Athlone.

	Stand No.	School	Project Title	Students	Teacher
BEST PROJECT AWARD <i>Trophy + Vouchers</i>	188	Tullamore College	Growing the future! Investigating the growth of mycelium packaging using button mushrooms.	Fatima Karimi	Elaine Howlin