

PRODUCT DESIGN 2018

UWE PRODUCT DESIGN
GRADUATION CATALOGUE 2018

WELCOME

UWE continues its ambitious journey to become the industry preference that offers a multi-disciplinary suite of design and architecture programmes that understand and respond to today's industry challenges, as well as positioning itself to become the trans-disciplinary model for the ever changing and complex future design environment.

By having a dynamic and committed team of academics, associate lecturers and technicians, the school continues to develop a clear and focused identity that is very much appreciated by both students and industry. Energy, dynamism and a good dose of self-criticism are the ingredients for a thriving design school that continues to develop its own individual voice within the UK.

UWE Bristol Product Design Graduates 2018 continue to design fantastic projects that showcase how design can solve real problems. The graduating students work demonstrates excellence in research, styling, technology and human-centred design. Our connections with industry are strengthened year on year with highly successful live projects embedded in the curriculum or as part of our enterprise arm, DesignWest. This year it is of particular note, the project that Product Design students developed for Motivation, helping them to explore ways to revolutionise mobility design. This enterprising and live culture at UWE Bristol Product Design ensures that our graduates are amongst the most employable in the country.

We would like to thank the product design team as well as the graduating students for their passion, dedication and hard work.

We hope you will enjoy their fabulous work!

Elena Marco - Head of Department
Architecture and the Built Environment



CREATIVE PRODUCT DESIGN BSc (HONS)

Creative Product Design graduates are highly skilled creative problem solvers with an empathetic understanding of people.

Creative Product Design instils graduates with the confidence and ability to take risks, challenge conventional thinking and design products, services and user experiences which surprise and delight.

At the heart of Creative Product Design is studio-based teaching, consisting of small friendly student groups well supported by tutors, who all have expert experience working as professional designers. Through real world design projects, students develop an empathetic, intuitive understanding of people, tactile ergonomics, creativity and materials, as well as advanced skills in concept sketching and semantic form, model making and CAD.

Graduates of Creative Product Design have strong transferable skills, allowing them to have successful careers in Product Design and across the creative industries, including; service design, graphic design, user experience design, brand consultancy, retail design, design research, marketing and packaging design. The diversity of skills and experience gained make them highly employable by industry as designers and set to succeed in their own business ventures.

Creative Product Design is accredited by the Institute of Engineering Designers.

PRODUCT DESIGN TECHNOLOGY BSc (HONS)

Our Product Design Technology degree combines Product Design and Design Engineering. The blend of creativity and technology developed on this course gives graduates the rare and highly valued skills to create original and exciting concepts and to transform them in to real, working, commercially viable products.

Product Design Technology projects all start with real world problems, understanding people and their needs. Innovative solutions are developed through concept sketching, making working prototypes, engineering analysis, CAD, design for manufacture and beyond.

Graduates of UWE Product Design are confident communicators and innovative designers, who are able to use their understanding of technology, sustainability, and materials to solve human-centred design problems. The breadth and depth of this course gives them the tools to succeed in industry or their own business venture.

Product Design Technology is accredited by the Institute of Engineering Designers.

CREATIVE PRODUCT DESIGN

Afis Adewumi
Yasmin Anderson
Megan Barette
George Bone-Knell
Kieran Burr
Brandon Butcher
Konstantinos Christodoulou
Joseph Dattero
Thomas Farman
Abigail Fawcett
Pauline Gavelle
Aimelyn Gemao
Josephine Gyasi
Nathan Hamblin

Miles Hammer
James Hern
Marco Jones
Thomas Lane
Luke McCoy
Joseph-Femi McKenzie
Jack Mighall
Daniel Purnell
William Stephenson
Megan Stuart
Callum Taylor
Isabelle Tew
Billa Wario
Nia Williams



AFIS ADEWUMI

Creative Design Technology (BSc)

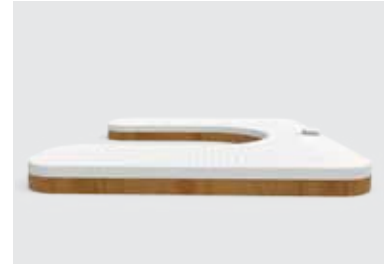
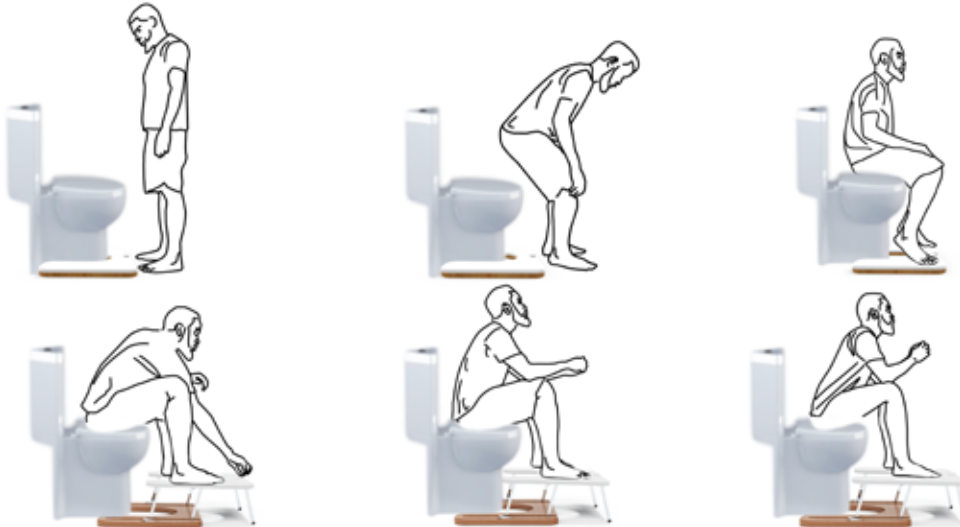
+44 7710199707

afisadewumi@gmail.com

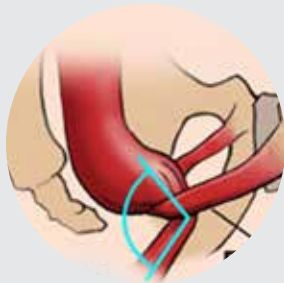
LAX

A squatting toilet footstool that allows you to continue enjoying the luxury of sitting on a modern toilet, while also enjoying the comfort and benefit of squatting posture.

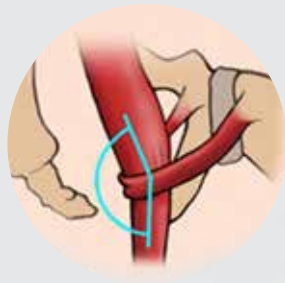
laX is fully collapsible, it features a unique mechanism which deploys the footstool with a gentle tap and a release button to collapse.



SITTING KINKED COLON



SQUATTING OPEN COLON





YASMIN ANDERSON

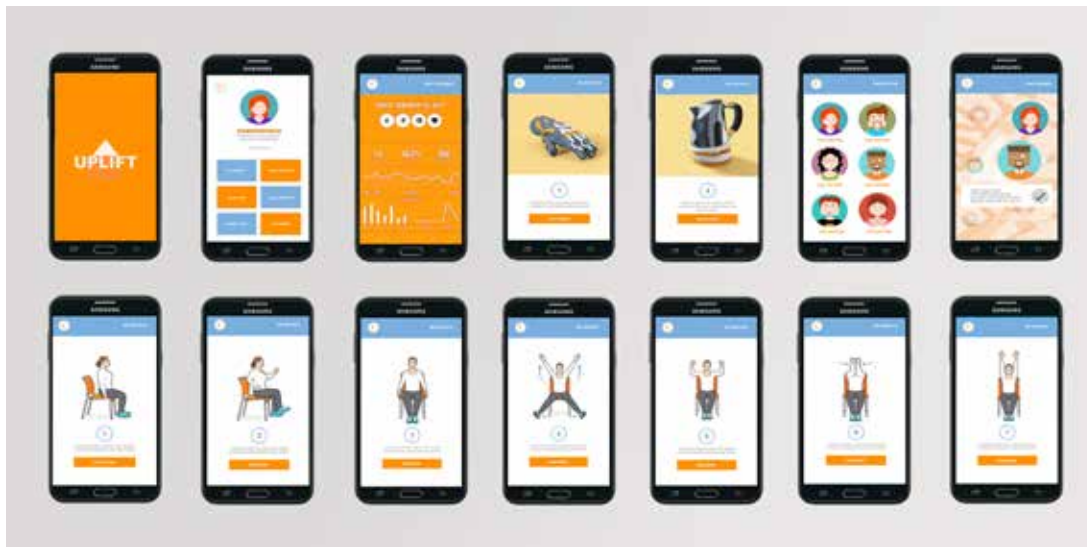
Creative Product Design (BSc)

☎ 07796932453

✉ yasmin.anderson97@gmail.com

UPLIFT - PRODUCT RANGE

UPLIFT encourages more people, who suffer with multiple sclerosis, to increase body movement in their everyday lives and gain strength without realising that exercise is being completed, therefore making the process; effortless. UPLIFT is made up of three main components; The Hand Tremor Stabilisation Glove, The Hydration Station Kettle and The UPLIFT Application.



UPLIFT





MEGAN BARETTE

Creative Product Design (BSc)

☎ 07587580443

✉ barette96@hotmail.co.uk

🌐 www.linkedin.com/in/ml-barette6

📦 Secrets Beneath Productions Ltd.

TYRETRAX

Able-bodied people would take off wet shoes when entering a house, or a house, or at least dry them off. This is not a luxury that wheelchair users have, and as a result many end up feeling isolated and uncomfortable partaking in social situations when the weather is bad. TyreTraX aims to give users the ability to clean and dry their tyres without assistance, giving them the knowledge that they will not be tracking unwanted mud into others' homes.



1. User comes inside having been outside in rainy weather conditions, and has wet muddy tyres.



2. When they enter the stop in the entrance and pull out their TyreTraX.



3. They use their TyreTraX to clean all accessible areas of the wheel.



4. When they can't reach any further they roll onto the ground to access any further dirt.



5. Once finished, the user can check to see how dirty their cleaner has become.



6. If they decide it needs cleaning out, they can pinch in the flaps on the insert to help remove it from the outer support component.



7. The user can then take the insert to the sink to wash it out, ready for its next use.



8. If the user can't clean the TyreTraX straight away, the storage bag will act as a container for the dirt until they can be cleaned off.







GEORGE BONE-KNELL

Creative Product Design (BSc)

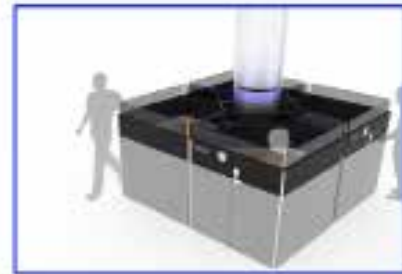
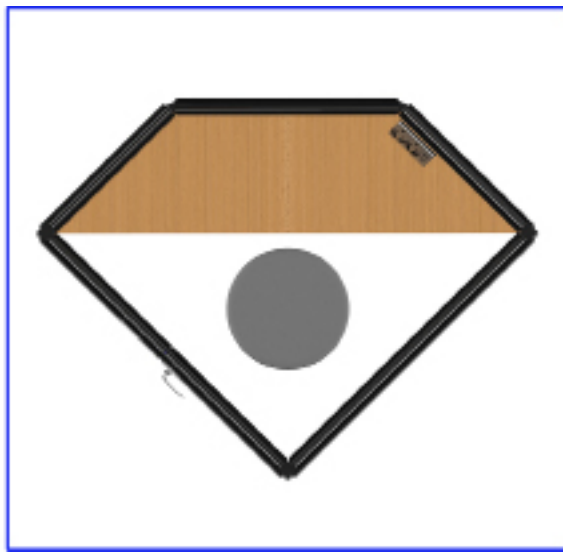
☎ 07832375988

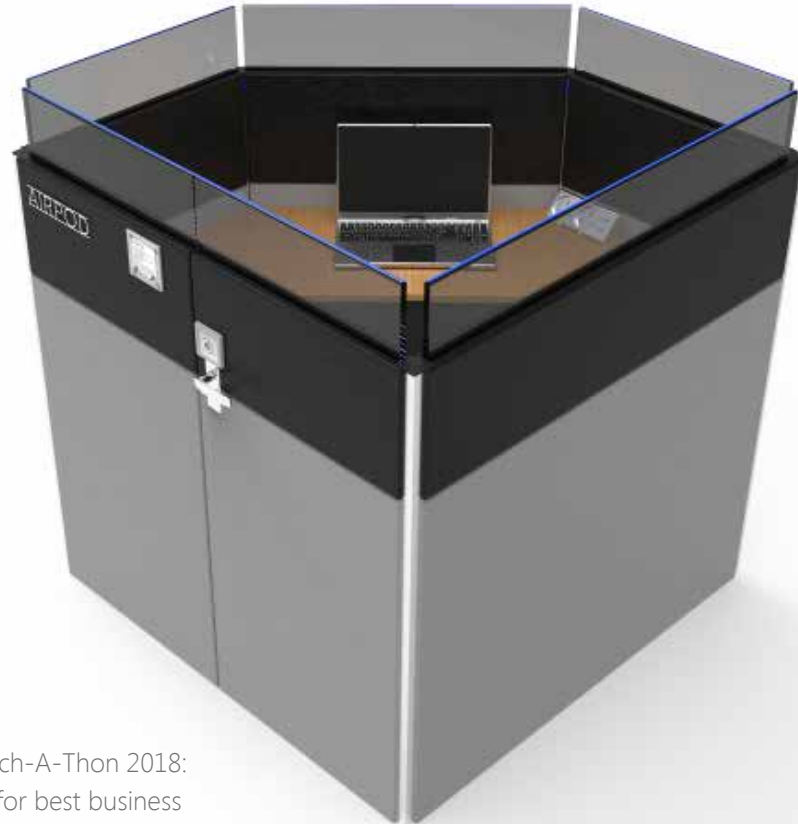
✉ Gboneknell@gmail.com

🌐 Izumidesigns.com

AIRPOD

Airpod is the next generation of on the go workspace, a hybrid of hotdesks and workpods to give the perfect environment to complete your work whilst waiting for your flight. The workspace has lit acrylic panels, to indicate if it is available, reserved or in-use. Booking via app, website or contactless card on the spot. Spacious for moving into, accessing your luggage and using the desk surface.





UWE Pitch-A-Thon 2018:
Winner for best business
model and product



KIERAN BURR

Creative Product Design (BSc)

☎ 07446 905 821

✉ kieranburr94@gmail.com

🌐 kodb/behance

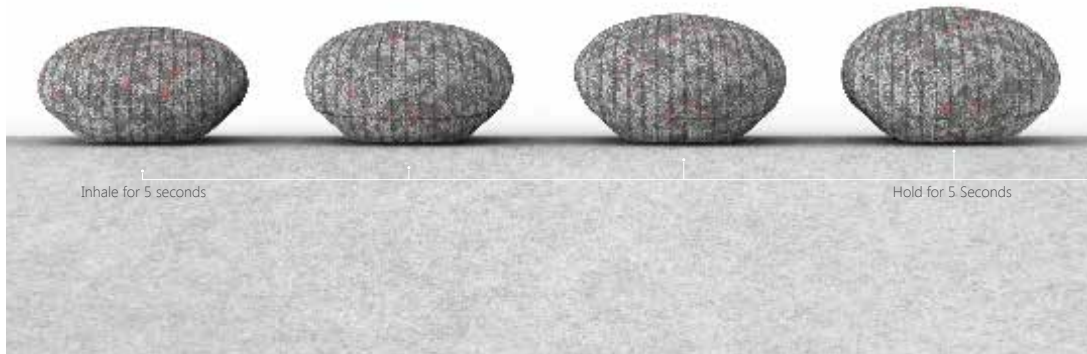
👛 Bulthaup by Kitchen Architecture

MUKU - MEDITATIVE BREATHING AID

The MUKU breathing soft-robotic works by using scientifically proven simulated human breathing techniques to guide its user through meditative deep breathing exercises.

Users can hold or lay with the portable MUKU and subconsciously replicate the breathing rhythm of the soft robot.

Additionally, the MUKU breathing robot can pair with another MUKU device. This gives the user an option to have a group breathing session with a friend, a loved one or potentially thousands of people in a single session.







BRANDON BUTCHER

Creative Product Design (BSc)

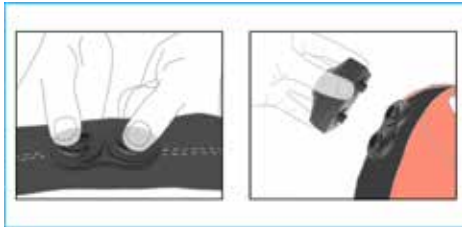
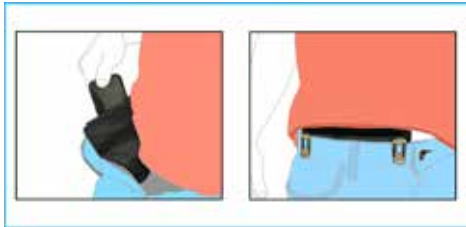
☎ 07792345654

✉ brandon-butcher@live.co.uk

🌐 brandon-butcher.myportfolio.com

GUARD

Light, convenient and affordable. Introducing Guard, the three-part pickpocket protection system. The system consists of the Guard Pocket, a detachable, multi-use, hidden pocket. The Guard Camera, a body worn surveillance camera that records attempts of pick pocketing. And the Guard App, a smart phone app that allows users to report crimes and shows a hot spot map of pick pocketing locations.







KONSTANTINOS CHRISTODOULOU

Creative Product Design (BSc)

☎ 07393992610

✉ Costasch16@gmail.com

EVELEXIA

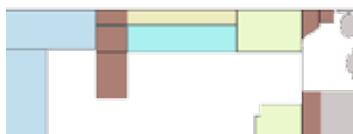
Evelexia the multifunctional space saving furniture that comes as part of a new layout design for 4 berth caravans, can provide more floor space for enjoyable indoor experience. The clever furniture design supports a folding bed that folds away in seconds. The moving wardrobe doubles as a divider during the day, so that the user can divide the living space and create different zones to accommodate various indoor activities.



Previous layout configuration

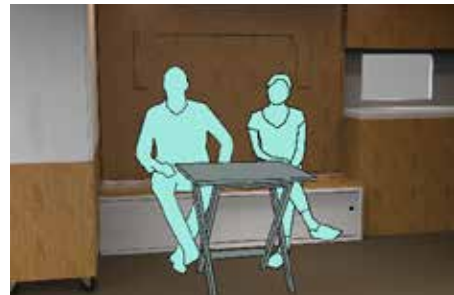
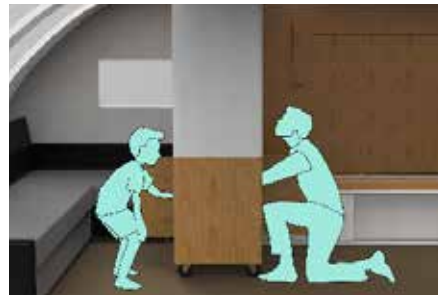
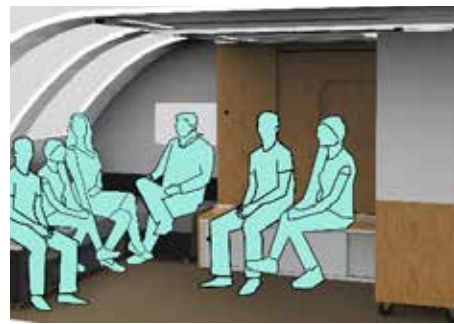
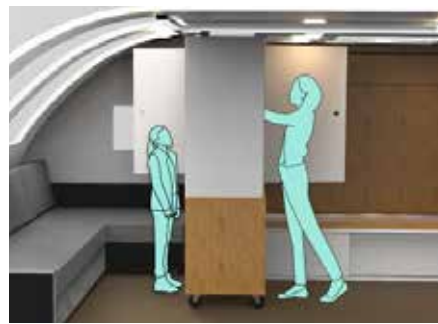


New layout configuration



- Bed
- Shower, toilet, sink
- Sofa
- Storage
- Kitchen
- Stable part of the new design

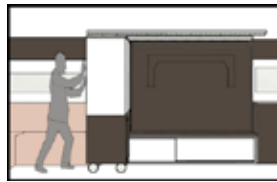




1) The closet with the bed creates a private room when in night mode.



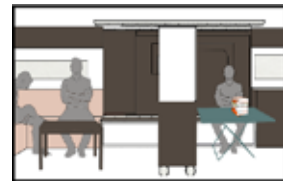
2) User can fold the bed back up to create more floorspace.



3) User then can push the closet to rearrange the space.



4) User then needs to lock and secure the closet so it can stay in place.



5) Users then can all do activities all together or separately.



JOE DATTERO

Creative Product Design (BSc)

☎ 07954414183

✉ joedattero@gmail.com

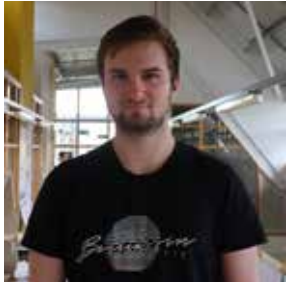
PARCEL POD

Get The Parcel Pod today. A new way of collecting your parcels without the need to open the door. Any parcel too big for your letterbox no longer needs to be given to Neighbours to look after or have the misfortune of ending up thrown in a bush. With a simple two part twist lock, to attach your Parcel Pod to the front door and a push shut latch lid to lock your parcels safely away, the Parcel Pod couldn't be easier to use.



Parcel Pod





TOM FARMAN

Creative Product Design (BSc)

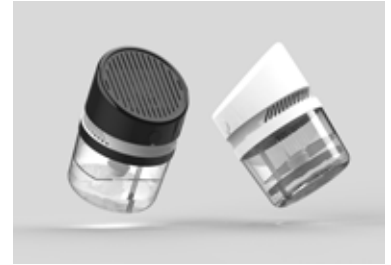
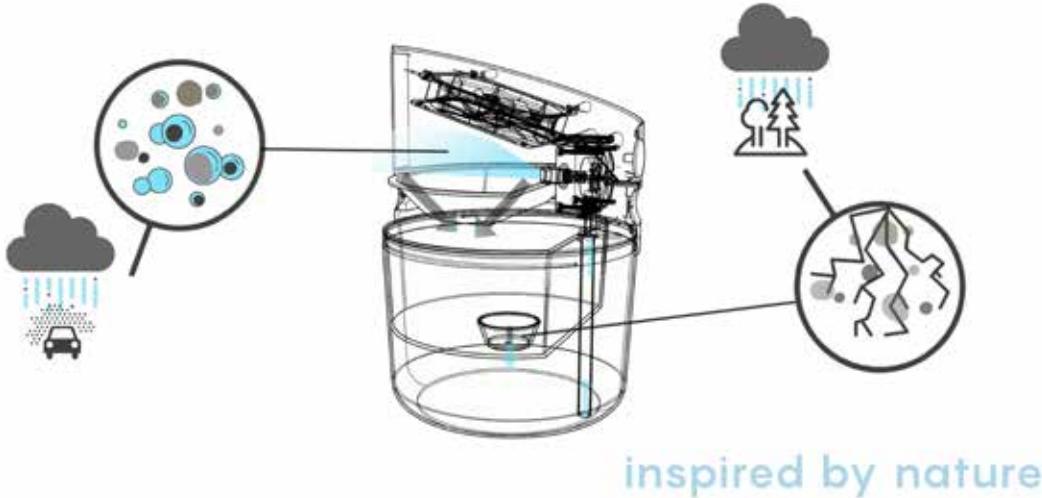
☎ 07557 384 384

✉ tomfarman@hotmail.co.uk

🌐 [linkedin.com/in/tom-farman-042402159](https://www.linkedin.com/in/tom-farman-042402159)

MIST

The first natural air filter that removes particulate matter air pollution from your home or office using water. Water spray is used to absorb and collect particulate matter from the air, this solution then flows through an active carbon water filter that removes these particles & toxins, this allowing the same water to be reused.





breathe clean air



ABBIE FAWCETT

Creative Product Design (BSc)

☎ 07875 095011

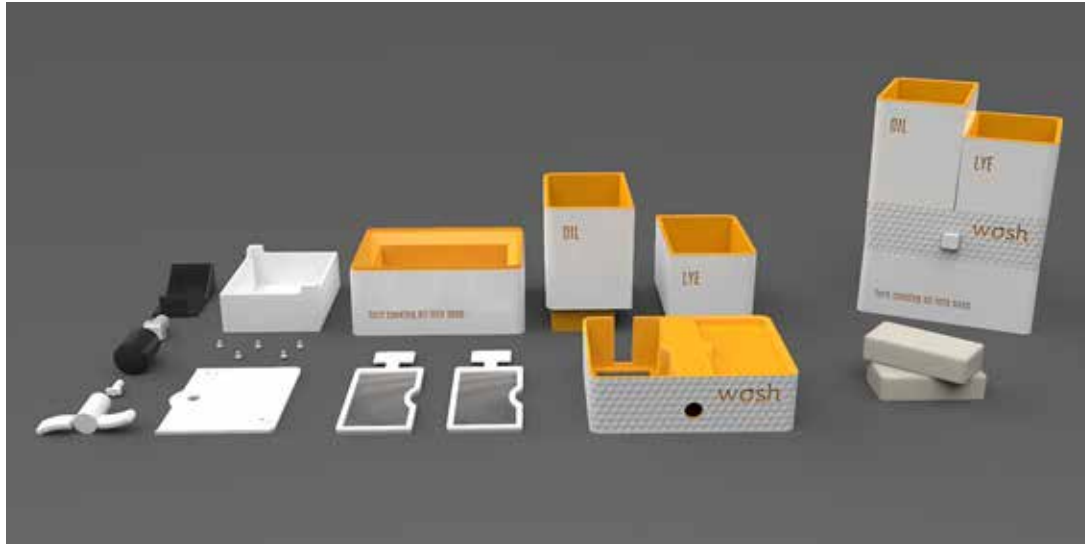
✉ abbiefawcett@gmail.com

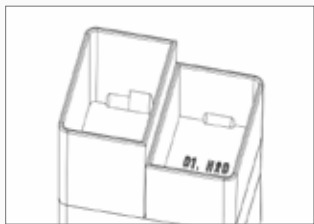
🌐 [linkedin.com/in/abbiefawcett/](https://www.linkedin.com/in/abbiefawcett/)

📦 ARNO GB Ltd.

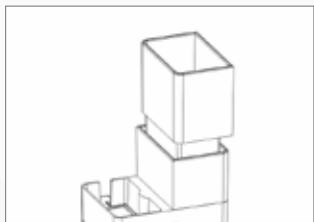
WOSH

When fat, oil and grease is poured down the drain, blockages in pipes can form. These blockages are responsible for sewage flooding homes and gardens and can result in the pollution of ponds and lakes. WOSH provides users with all the utensils they need to safely upcycle the waste oils into natural and desirable soap in one small, compact and intuitive product.

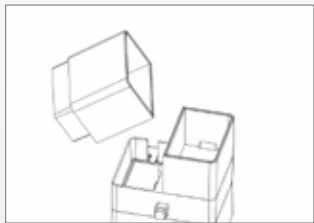




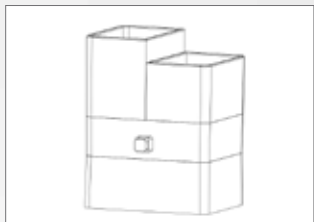
Add ingredients to respective chambers.



Use heat from lye solution to blend oils.



Filter oils.
Add lye solution.



Push button to blend.
Add essential oils and blend.
Leave to set.





PAULINE GAVELLE

Creative Product Design (BSc)

☎ 07580807403

✉ pauline.gavelle@me.com

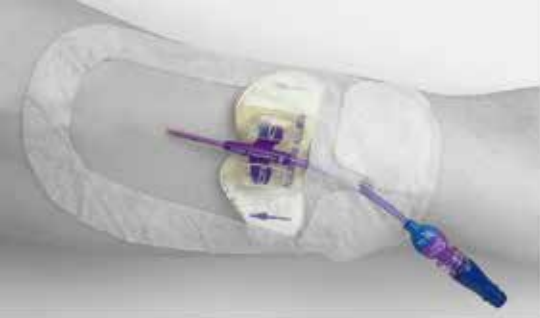
🌐 [linkedin.com/in/pauline-gavelle/](https://www.linkedin.com/in/pauline-gavelle/)

📁 Kinneir Dufort - Bristol

FIN COVER

Poor protection of PICC lines from water and movement in the shower can have rapid life threatening consequences for the users. FIN offers PICC line users a comfortable and efficient protective cover that enables users to shower with the confidence that their line is dry and safe. This one size fits all adjustable cover has been designed and tested to form around all arms with the same impenetrable seal.







JOSEPHINE GYASI

Product Design Technology (BSc)

☎ 07807873031

✉ gyasij@hotmail.co.uk

🌐 <https://abenagyasi.bigcartel.com/>

🏠 UWE Bower Ashton Fabrication Centre

ABENA

Inspired by the traditions of Africa and the use of natural ingredients such as coconut oil, Abena is a beauty brand that will empower and aid users to home-make their own personally tailored skin care products. Abena ensures an easy, mess-free and waste free process combined with a beautifully designed kit and subscription service that delivers measured ingredients straight to your door.







NATHAN HAMBLIN

Creative Product Design (BSc)

☎ 07801554378

✉ nhamblin8@gmail.com

🌐 nathan2hamblin.wixsite.com/portfolio

WASTEFULL

Using materials deemed surplus to requirements by furniture makers the wasteFULL range seeks to change people's perceptions of waste. Environmentally friendly bio-resin is used to cast the wasted material into machinable blanks, before being handcrafted into a unique lighting range.







MILES HAMER

Creative Product Design (BSc)

📞 7880502486

✉ miles.c.hamer@outlook.com

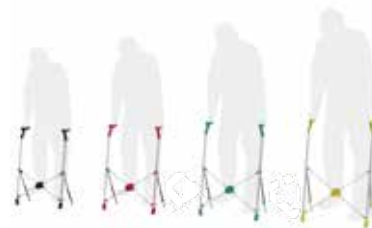
🌐 www.linkedin.com/in/mileschamer/

🛠 Aegg Creative Packaging

TX WALKER

A new convenient, light weight, collapsible walking aid that walks all over stigma. The TX Walker allows you to switch between a walking stick and a walking frame with ease. Being sporty and stylish at the same time as being simple and discrete. The TX Walker comes in a range of colours and sizes for people of all sizes and abilities to use.

TX
Walker

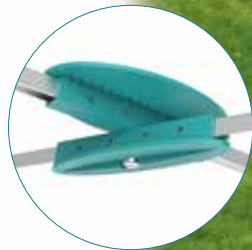


Out the house

Feeling unstable

Regain stability

Stable again





JAMES HERN

Creative Product Design (BSc)

☎ 07894546416

✉ hern6420@gmail.com

🌐 [linkedin.com/in/james-hern](https://www.linkedin.com/in/james-hern)

🧰 John Ewans Design/Active Tools

REFLEX

Reflex transforms the sit stand experience, allowing users to incorporate a range of healthy movement into a desk based environment. The simple design enables sit stand users to bounce, rock and easily transfer weight from one foot to the other as they stand. The range of movement will help users burn calories, while constant subtle adjustments will prevent harmful, static postures.







MARCO JONES

Creative Product Design (BSc)

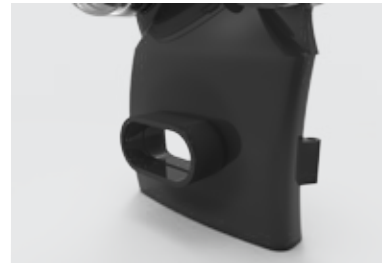
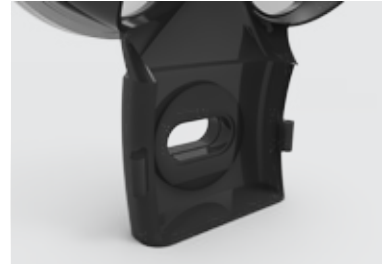
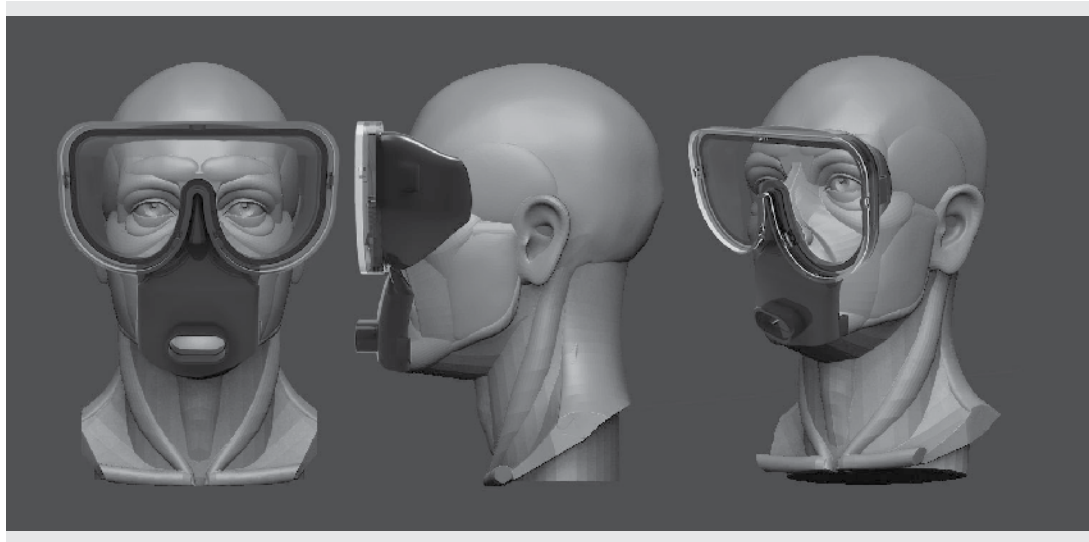
☎ 07824876545

✉ marcojones101@gmail.com

👜 TBD (Owen Holland)

T-90

The T-90 is easily integrated into the current EBS (emergency breathing system) in use. Removable yet secure. It has positive pressure, making it deployable underwater increasing airflow if seal is broken. The silicone mask skirt creates a large seal area decreasing the risk of water entering.







TOM LANE

Creative Product Design (BSc)

☎ 07910866429

✉ tlane0491@gmail.com

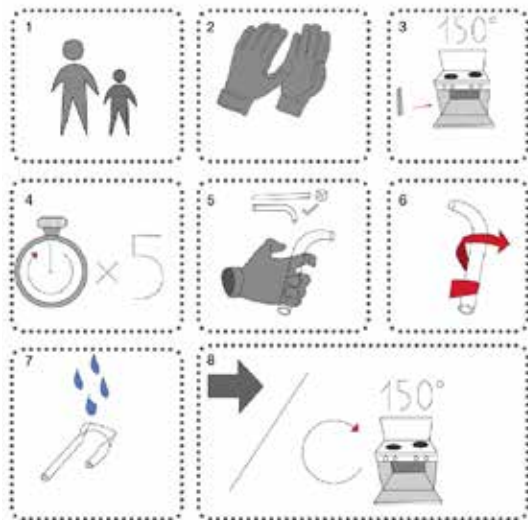
🌐 www.thomaslanedesign.co.uk

🧰 Jolly Good Media

ELEMENTS

Helping girls getting into engineering.

Elements is a kit that allows a 8 to 11 year-old children and a parent to explore science and the basics of engineering. A Make it your own style kit where the duo manipulate plastic to truly produce a unique night light. Developing hands-on problem-solving skills & starting the path into STEM subjects. .






ELEMENTS



LUKE McCOY

Creative Product Design BSc

☎ 07715985300

✉ luke.jamesmccoy@yahoo.com

🌐 uk.linkedin.com/in/lukejamesmccoy

📁 Bower Ashton

X:Y:Z

X:Y:Z challenges our perceptions and expectations of concrete. By exploring parametric design, X:Y:Z offers an innovative new manufacturing process, allowing for the production of bespoke concrete panels with a unique and tactile surface topography.







JOSEPH-FEMI MCKENZIE

Creative Product Design (BSc)

☎ 07850487588

✉ femimck14@gmail.com

TCC

Introducing 'The Coffee Connoisseur' Flask and App. A fun, personal, system, designed to discourage the constant littering of disposable coffee cups. As the user visits new cities, exploring numerous coffee houses, they build up their own 'coffee journey'. This 'journey' is displayed in the form of TCC City Stickers on their flask. The flask and sticker scheme is complimented by the TCC app, rewarding the user with discounts on coffee purchases each time seven City Stickers are collected.







DAN PURNELL

Creative Product Design (BSc)

☎ 07960 885266

✉ Daniel.Purnell@Hotmail.co.uk

🌐 www.linkedin.com/in/dan-purnell-60a679121/

🧳 Crewsaver

THE HALO TUBE

The Halo Rescue Tube is the next evolution in rescue aid technology. It applies the principles of life-jacket design to a foam rescue aid, by increasing support and stability for casualties. This unique design simplifies a rescue for the lifeguards, allowing them to focus on an effective tow, in place of having to manually maintain the airway of the casualty which often slows down a rescue.







WILL STEPHENSON

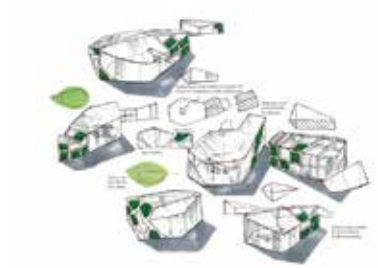
Product Design Technology (BSc)

☎ 07972879575

✉ William2.Stephenson@live.uwe.ac.uk

VIVATURE

A lizard enclosure that is unique in its ambition to be truly sympathetic to its occupants natural environment through use of abstracted form. It is the first vivarium of its kind with an optimized 45 degree viewing angle, zones for both the lizard or the human owner and the use of moss to alleviate stress.







MEGAN STUART

Creative Product Design (BSc)

☎ 07810595551

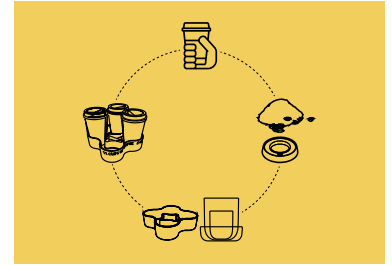
✉ meganpadmastuart@hotmail.com

🌐 [instagram.com/meg.mog__](https://www.instagram.com/meg.mog__)

IT HAS BEAN

It Has Bean is a material seeking to change perceptions of waste and single use within the cafe industry. It is comprised entirely of two post consumer waste streams; coffee grounds and polylactic acid (PLA) takeaway cup lids.

The material has been applied to a series of products for use in cafés. The It Has Bean range features a cup holder and a set of 3 versatile vessels.







CALLUM TAYLOR

Creative Product Design (BSc)

☎ 07832 985095

✉ callumtaylor.id@gmail.com

🌐 [linkedin.com/in/callumtaylorpd](https://www.linkedin.com/in/callumtaylorpd)

👛 Realise Product Design

NURTURE

Nurture strives to support people struggling with mental health issues by encouraging them to complete small daily acts of self-care to nurture their seed companion, subconsciously caring for their own well-being when access to external help is limited. Comforting, empowering and accessible, Nurture visualises your mental growth as a virtual forest, each tree representing a personal progression and success story.






nurture



ISABELLE TEW

Creative Product Design (BSc)

☎ 07527619324

✉ isabellemollytew@gmail.com

🌐 linkedin/ isabelle-tew

ROOT

It is a common sight to see park bins overflowing with barbecue waste. Root, the first eco-friendly vegetarian BBQ meal kit, aims to lower the waste sent to landfill. It does this by catering for every need, from the food to the food turner and encourages waste collection through the rubbish bag.







BILLA WARIO

Creative Product Design (BSc)

☎ 07565346388

✉ billa31896@googlemail.com

MAZURI

A unique new way to look after medical prescriptions which encourages positive interaction between users and their drugs. Mazuri organises the day's medicine, and the whole week's, achieving two things at once. Mazuri is perfect for the busy working day, the busy working week, and even business or leisure trips away from home.







NIA ANGHARAD WILLIAMS

Creative Product Design(BSc)

☎ 07970994749

✉ niawilliamsdesign@hotmail.com

🌐 linkedin.com/in/niawilliams1996

MY PREP PAL

My prep pal's objective is to inform those new to the sport of bodybuilding of the potential negative side effects, through a combination of Virtual Reality brain training, 1:1 mentoring and weekly subscription services. By training what is arguably the most important muscle in the body, the mind. MyPrepPal enables individuals to prepare adequately for post competition and thus avoid the development of disordered eating as a result of competition prep.



'With You Every Step Of The Way'





AVAILABLE NOW



PRODUCT DESIGN TECHNOLOGY

Jacob Avent
Freya Binnie
Thomas Bolsover
Thomas Bown
Charlie Camsell
Stacey Dart
Samuel Doubleday
Christopher Fall
Adam Gough
Stefan Guiton
Robert Harvey
Jake Honeywill
Jordan Keaney
Thomas Langford

James Nuttall
Laurence Osborne
Kyrie Roberts
Rowan Speers
Yu Su
Joseph Tapson
Isaac Watson



JACOB AVENT

Product Design Technology (BSc)

☎ 07794957906

✉ jacob.avent@live.co.uk

🌐 www.instagram.com/jacobavent

WASTED

DANCE FLOORS, ENTRY WRISTBANDS, ACCESSORIES & CLOTHING.

Making festivals sustainable by finding creative ways to use festival waste, materials and abandoned goods originally destined for landfill to create products to give back to festivals and festival goers.

Nothing is WASTED, only reproduced.







FREYA BINNIE

Product Design Technology (BSc)

☎ 07594238420

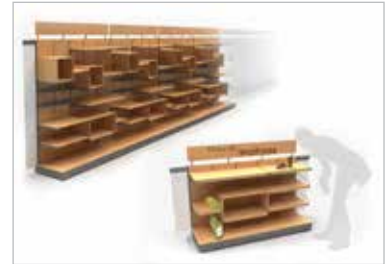
✉ freya.binnie@hotmail.co.uk

🌐 www.linkedin.com/in/freyabinnie

👜 ashortwalk

NATURALLY WAITROSE

Consumers lack awareness regarding the range of sustainable products because as they are not present within their weekly shop. This point of sale was designed to inspire customers to replace their exciting plastic products with more sustainable alternatives. A higher demand for Eco-friendly products will allow this section to grow and become a more dominant aspect within the store.





Naturally Waitrose



NEW
Naturally Waitrose
ECO you don't
Aisle 10



OFFERS



TOM BOLSOVER

Product Design Technology (BSc)

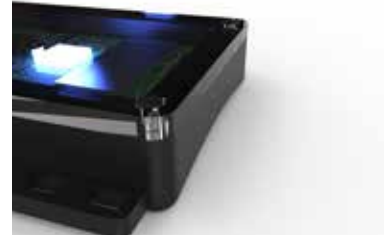
☎ 07717773455

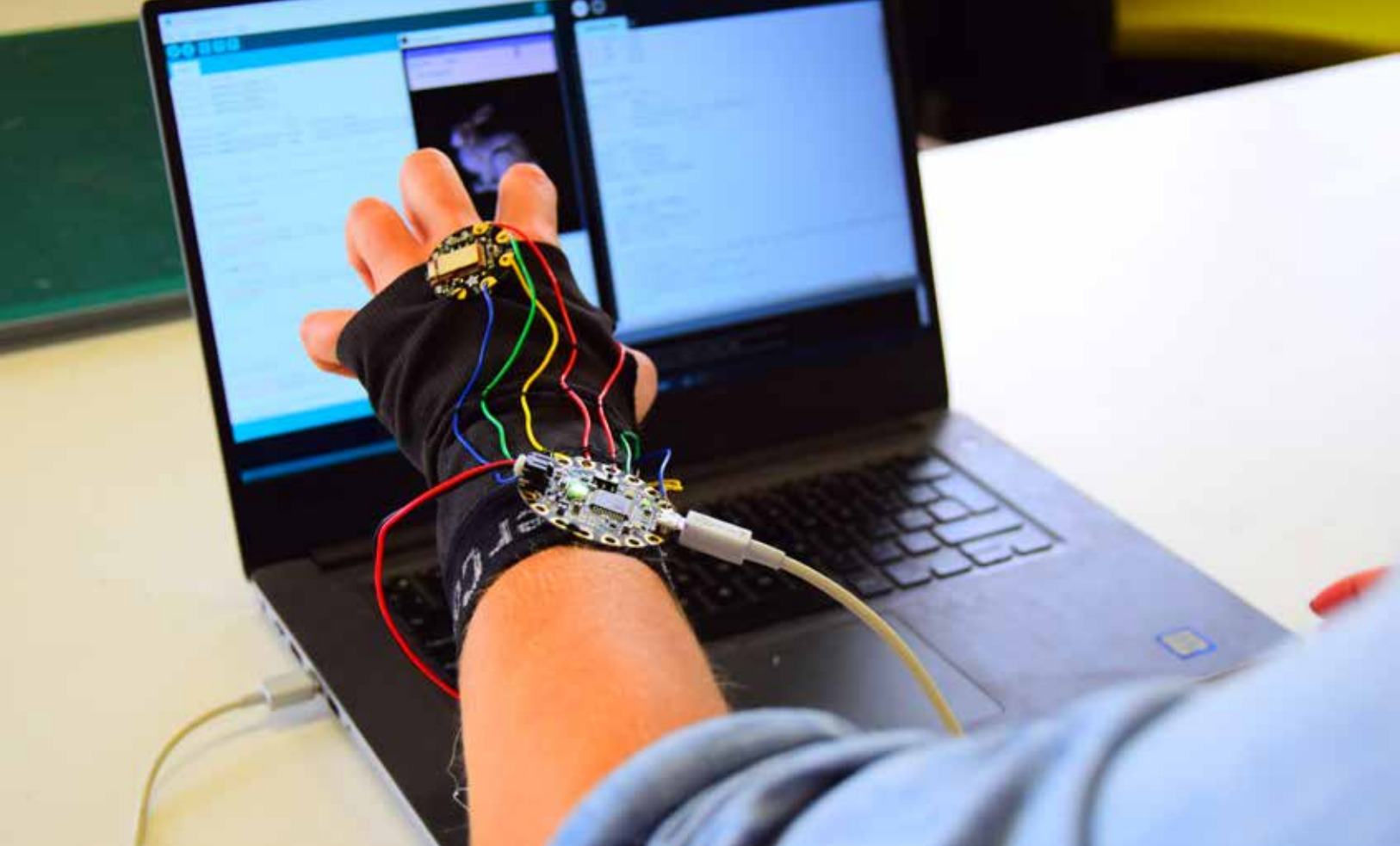
✉ tbolsover@gmail.com

🌐 <https://www.behance.net/tbolsover721c>

FLICK NINE

The flick nine is a user-friendly glove that improves the interaction between you and your computer. The glove understands instinctive and natural human movements and interprets them into movements that the software such as CAD modelling programs such as Solidworks and Autodesk understand. The glove can pan, zoom, and rotate 3D models.







THOMAS BOWN

Product Design Technology (BSc)

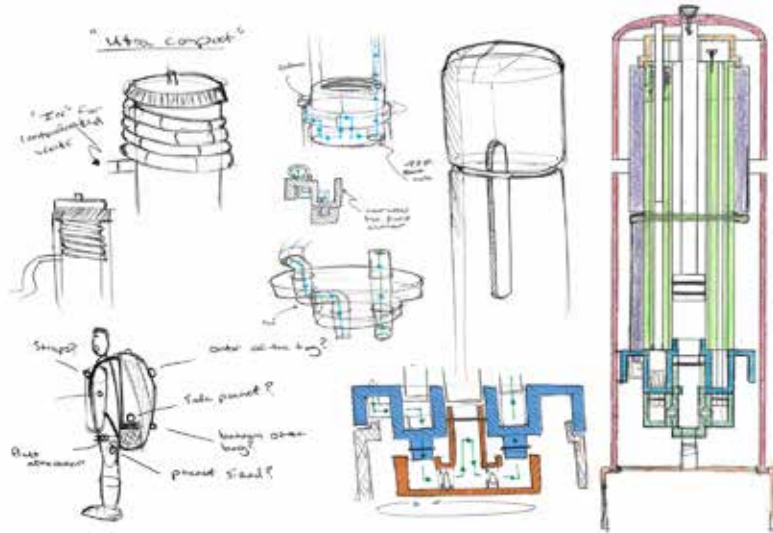
☎ 07403111484

✉ t.bown14@gmail.com

🌐 www.linkedin.com/in/thomas-bown/

SOLO

Meet Solo, a compact water filtration system. Designed for solo hikers, Solo makes getting clean water on a hike much easier. With all the equipment inside a neat package and easy attachment method, getting clean water whenever you need it on a hike has never been simpler.



SOLO

weightless water





CHARLIE CAMSELL

Product Design Technology (BSc)

☎ 07715920647

✉ charliecamsell@hotmail.com

🌐 charliecamsell.myportfolio.com

URBAN SHIFT

Glide through the busy, stressful city traffic with the *Urban Shift* model CB1-e. An electrically powered cargo bicycle that opens itself to the mainstream audience, providing an intuitive and low-maintenance experience for the family. The hub-centred steering provides a more stable ride, and the built-in lighting, visor and child seating provide a viable alternative to the family car on shorter journeys to work, shopping and school.



Urban
Shift





STACEY DART

Product Design Technology (BSc)

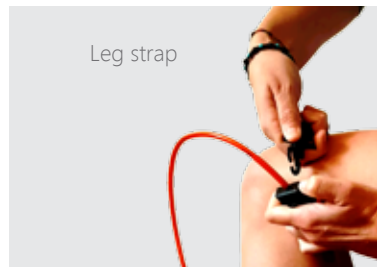
☎ 07985206132

✉ stacey@superonline.com

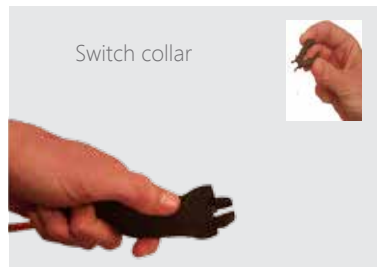
LIFE LINE

Giving you the safety and security of a seat belt at sea.

Don't risk your life or others by not attaching the kill cord to yourself. LIFE LINE makes starting the engine of a boat impossible without connecting the tether to the helms person first. The switch collar is tension activated, propelled forward by the tension applied at the leg strap allowing you to plug it into the ignition to start the engine and your adventure.



Leg strap



Switch collar



The kill cord that is impossible for you to forget



SAMUEL DOUBLEDAY

Product Design Technology (BSc)

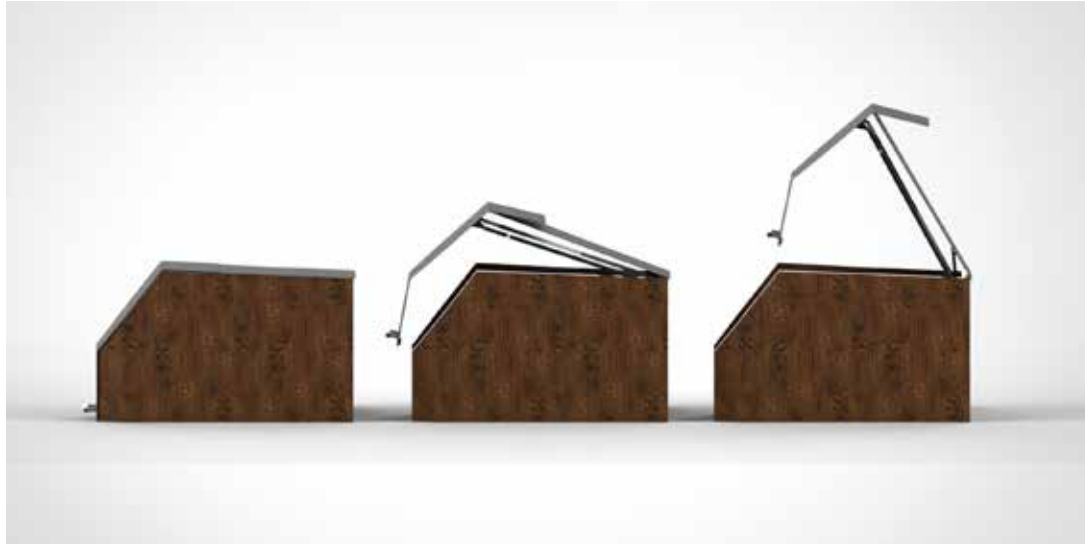
☎ 07861399928

✉ samueldoubleday1@hotmail.co.uk

🌐 www.behance.net/samueldoubaa7b

BIKE BUNKER

Bike Bunker is a sustainable and innovative way to store your bicycle in the front garden of your home. With security being one of the key features Bike Bunker will protect your bicycle from criminals and from the elements. Using state of the art sensors and heaters Bike Bunker prevents dew and moisture from forming inside the chamber so your bike will not rust.







CHRIS FALL

Product Design Technology (BSc)

☎ 07800995760

✉ chris_fall@hotmail.co.uk

🌐 <https://www.linkedin.com/in/chris-fall/>

👜 Subsea Asset Location Technologies Ltd.

KLØVE

KLØVE is a home desk which allows you to work more productively and also be more relaxed once you finish for the day by creating a boundary between work and home. It's been proven that working from home can have negative effects on health, by using KLØVE you can make sure that you avoid such effects and get the most out of working from home.





KLOVE



STEFAN GUITON

Product Design Technology (BSc)

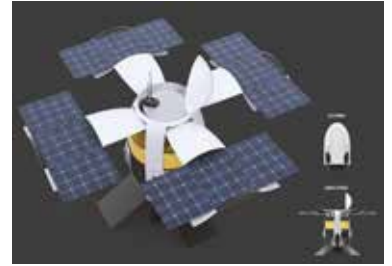
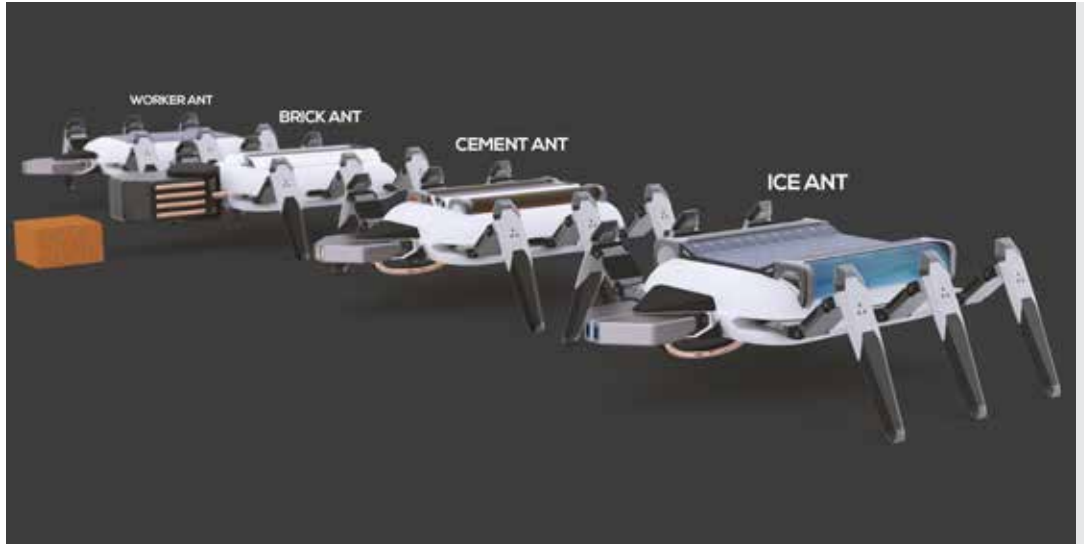
☎ 07340643275

✉ stefan.guiton@gmail.com

🌐 <https://www.linkedin.com/in/stefan-guiton-094145151/>

E.B.C.S

The Extrplanetary Base Construction System [E.B.C.S] is the system that will create the first Martian colony. E.B.C.S solves the problem of building a colony on Mars at a low cost and under tough Martian conditions. The system consists of 3 components: a Lander, 12 swarm-robotic ants and a habitation structure that will be the first Martian home.







ROB HARVEY

Product Design Technology (BSc)

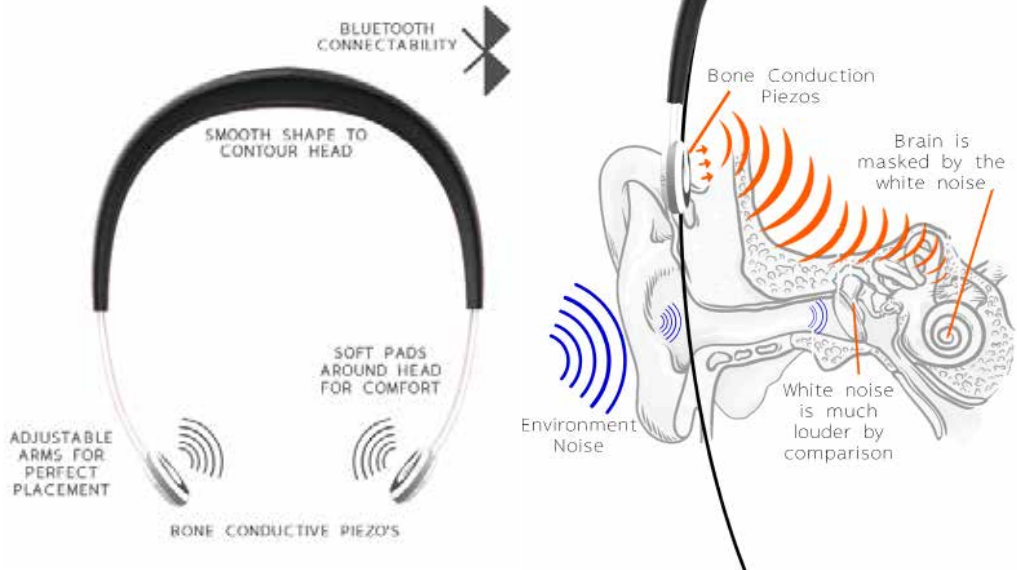
☎ 07812 461825

✉ rob1700@hotmail.co.uk

🌐 [linkedin.com/in/robharvey97](https://www.linkedin.com/in/robharvey97)

SNOOZE HEADSET

Inspired by the problem of noise in hospital wards, the Snooze headset offers patients the chance to mask their surroundings using white noise and bone conduction. Vibro-tactile motors in the headset mean sound is transmitted by vibration through your temples, making it comfortable to wear when sleeping and a much more personal solution to promote better sleep.



A young man with light brown hair is lying in a hospital bed, wearing a white hospital gown. He is wearing a white, curved ear device with a circular base that has three small black dots. The device is positioned behind his ear. He has his eyes closed and a peaceful expression. The background is a blurred hospital room with medical equipment, including a monitor and a bed rail. The lighting is soft and natural.

snooze
the sound of sleep



JAKE HONEYWILL

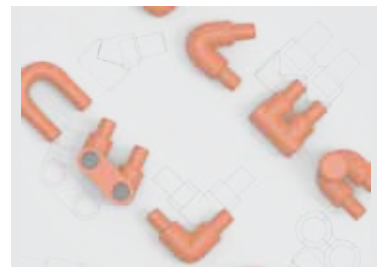
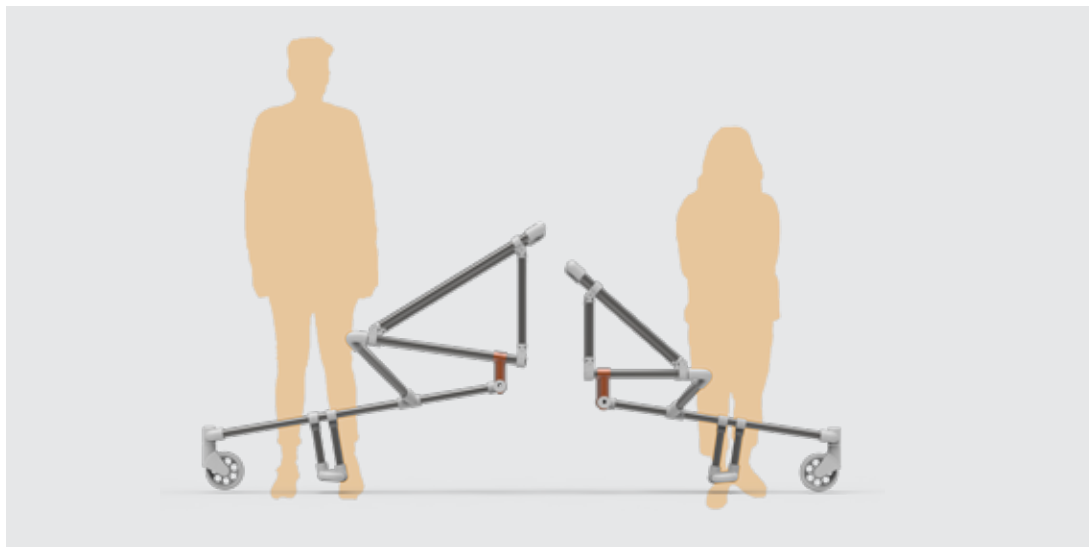
Product Design Technology (BSc)

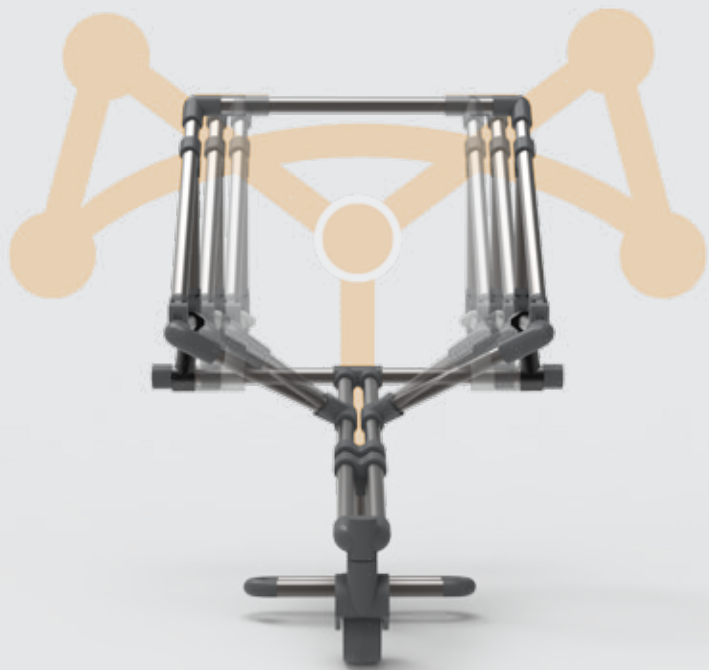
☎ 07961217670

✉ honeywilljake@gmail.com

NODES PDA

Nodes PDA empowers occupational therapists to instantly generate bespoke wheelchair frame designs which are completely personalised for fitting, posture control, handling and performance. This level of adjustability is unheard of, even for the highest priced products in the sector, and yet with Nodes PDA it is made available to the people who need it in developing countries. In collaboration with Motivation.







JORDAN KEANEY

Product Design Technology (BSc)

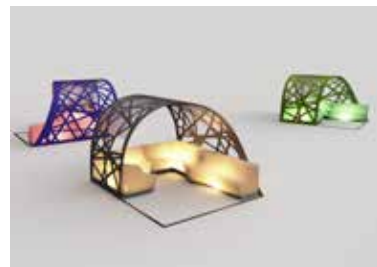
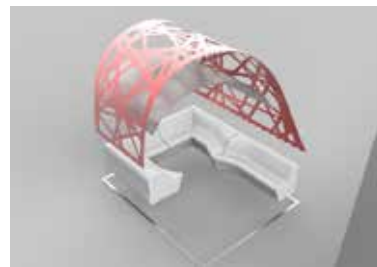
☎ 07946284294

✉ jkeaney2@hotmail.co.uk

🌐 www.linkedin.com/in/jordankeaney

BONFIRE

More than just a seating area or light source, Bonfire is a beautiful piece of public design, a beacon, a waypoint to be used by all - whilst simultaneously adding to the environment around it in the way it plays with light, and also how it manipulates the absence of light.







TOM LANGFORD

Product Design Technology (BSc)

☎ 07450225750

✉ tom.j.langford@hotmail.co.uk

🌐 [linkedin.com/in/thomaslangford/](https://www.linkedin.com/in/thomaslangford/)

🧳 ARNO GB

fend

KTM



Kawasaki



Suzuki



Ducati



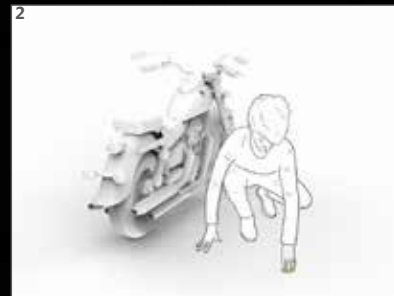
FEND

Being attached to your motorcycle at all times, fend provides extra visibility both on and off the bike. By integrating yellow reflectors, the product uses drivers' prior knowledge of road studs to guide them around the broken down motorcycle. Using a high gloss finish, matched to motorcycle brands' flagship colours, fend increases the motorcyclists visibility whilst being in keeping with the bike's overall aesthetic.





When broken down, park your bike against the verge and push and twist the reflector off the mount.



Place the first reflector 2m from the verge, next to your motorcycle.



Place the other 3 reflectors in the shape of a taper, behind your bike, over 25 metres (if a 60mph road).



Continue on with fixing your motorcycle or wait for road side assistance to arrive.



JAMES NUTTALL

Product Design Technology (BSc)

☎ 07795033934

✉ jamesnuttall999@hotmail.com

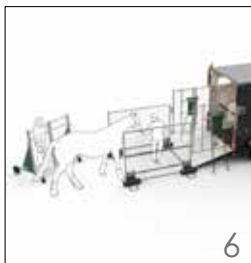
🌐 [linkedin.com/in/james-nuttall](https://www.linkedin.com/in/james-nuttall)

👜 Omlet Ltd

HERD

HERD combats the issue of loading horses into horseboxes.

The project has been driven by Horseworld's problems relating to the loading of endangered horses, then rehabilitating and teaching them to load into a trailer. The design combats this problem by using panels to create a safe, enclosed area to guide the horse into the horsebox.





Decreasing loading time



Increased Safety



Improved Trust



Compact Design





LAURENCE OSBORNE

Product Design Technology (BSc)

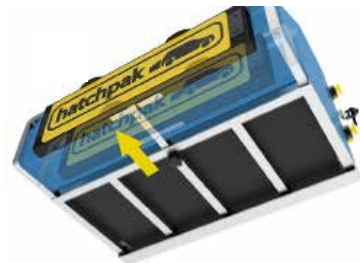
☎ 07922726704

✉ osbornelaurence@gmail.com

🌐 www.linkedin.com/in/laurenceosborne

HATCHPAK

A quick and easy solution for those cramped car journeys. Foldable features allow for hatchpak to be easily stored in even the smallest car boot space! When expanded hatchpak offers a weight limit of 46kg and 140 litres of storage, easily enough for 2 large suitcases, requiring no installation!







KYRIE ROBERTS

Product Design Technology (BSc)

☎ 07828765783

✉ Kyrie.t.roberts@hotmail.co.uk

🌐 www.instagram.com/ktr_design/

SOUNDSHARE

A series of 3 speakers that create a sound system designed for the individual needs of the whole family. With a central hub, 2 detachable speakers complete the set; one designed for listening to music whilst working around the house, and one to be used along side your phone. With three speakers, each being designed for a singular purpose, a household can have just one system that suits all of their needs.



THE HUB

The primary music hub, for listening to music in the main living area of a house



THE TOUGH ONE

For when you want to listen while you clean, garden or do other work around the home



THE FUN ONE

For listening to music as a background to gaming in bedrooms, or working in offices.



INDUCTIVE CHARGING



LOCATE SPEAKERS



WATER RESISTANT







ROWAN SPEERS

Product Design Technology (BSc)

☎ 07792454503

✉ rowan.speers@hotmail.com

🌐 <https://www.linkedin.com/in/rowan-speers/>

👜 Placement: dVine Designs

BELL STRETCHER CARRIER

The Bell Stretcher Carrier allows Mountain Rescue Teams to operate in smaller groups by making the stretcher carry less reliant on physical strength. This means teams can safely carry a casualty using two people rather than 6 people which is the current requirement. By using a pivoting system, the stretcher can be mounted and securely attached in place by only the two people required to carry the stretcher.





INCIDENT
CONTROL



www.assar.org.uk

AMBULANCE

AVON & SOMERSET
SEARCH & RESCUE
CLIFF RESCUE



JOE TAPSON

Product Design Technology (BSc)

☎ 07469201458

✉ joetapson@gmail.com

🌐 <https://www.linkedin.com/in/joe-tapson/>

CARAPACE

Carapace is the first product of its kind to introduce generative design into the world of motorcycle armour so that every user can configure the product to their perfect fit. Through its use of 2D laser-cut patterns, Carapace is able to provide a supportive fit to reduce chronic knee pain in the user, flexibility for ease of movement whilst on and off the bike and improved conformal protection from impact and abrasion.



CARAPACE

A NATURAL FIT





ISAAC WATSON

Product Design Technology (BSc)

☎ 07961107356

✉ isaacwatson96@hotmail.co.uk

🌐 [www.Linkedin.com/in/isaac-watson](https://www.linkedin.com/in/isaac-watson)

📁 ARNO GB

QUENCH

Quench is a vacuum insulated flask designed to get elderly people drinking enough fluids. The built in alert system uses personalised audio messages to remind the user to drink and take their medication at set intervals. With quench the user can monitor their fluid intake using the integrated measuring scales system. The scales weigh the flask and translate the measurement into a visual reading from full to empty.

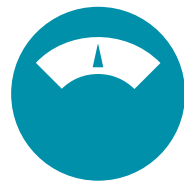




Hot for up to 8 hours



Reminds user to drink



Monitors fluid intake



Carry hands free

quench
Refill, Remind, Rehydrate

LIVE PROJECT - MOTIVATION

For three full weeks this January the whole of our final year immersed themselves in the Studio 3 live project. In keeping with the Product Design courses' tradition of high quality external live projects, the project this year was run in partnership with Motivation, who design and supply wheelchairs to people in developing countries. Motivation are the UWE Bristol Faculty of the Environment and Technology's charity of the year and are based in South Bristol.

The design briefs were wide ranging and teams of students had to choose from a number of areas including the accurate measurement of users and the use of 3D printing in wheelchair manufacture. All of the briefs were challenging, requiring students in the first instance to really understand the people they were designing for, with their specific and often complex needs.

The project launched with an inspirational presentation from Senior Designer at Motivation, Ian Harris, who was keen that the students brought fresh thinking to the brief and pushed the boundaries of what was possible with 3D print and parametric design.

Three weeks later the teams presented their designs to Motivation Director and Founder, David Constantine MBE, who was extremely impressed with the quality of ideas and the way they were communicated. He said: "Working with UWE and all the students has been a very positive experience for Motivation. The students came up with some really relevant and exciting projects."

These three weeks were just the start of the faculty's relationship with the Motivation which is planned to involve further development of work from this project and also collaboration on some design research around wheelchair seating.



WITH THANKS

The students would like to say a big thank you to all the staff at UWE Bristol for all their help and support throughout our time at university. We're grateful for having had the opportunity to participate in some fantastic live projects with external partners such as Motivation, Omlet and Robot Bike Co.

Associate Head of Department Andrew Batchelor: andrew.batchelor@uwe.ac.uk

Lecturers

Andy Gray
Doug Barber
Dr Jo Hare
Dr John Harding
Luke Haslam-Jones
Marc Andernach
Dr Merate Barakat

Olga Kravchenko
Phil Bommer
Dr Richard Mawle
Rob Gow
Sophie Hills
Tod Burton

Technical and Graphic Support

Chris Hart
Gary Slocombe
Geoff Simms
Jamie Randall
John Griffiths
Martin Campbell
Patrick Thornhill
Chloe Hyde

