



Ian Hewitt is an experienced Industrial Designer, graduating from Northumbria University in 1996 with a BA in Design for Industry. Ian has over 16 years industrial design experience spanning both public and private sector organisations, including 3 years in the Unites States of America.

lan's roles include taking products from concept generation and prototyping through to market. His work has covered a variety of different sectors resulting in 10+ products to market in the UK and US, including one US design patent and one EU design patent.

Since joining Centre for Design Research (CfDR) at Northumbria University lan has contributed to a wide range of projects covering the research and development for individuals, SME's and larger organisations. In recent years lan has also developed his work in the field of 3D animation, concentrating on visual communication through product animation, exploring and illustrating complex science and technology research and its translation into product, service systems and environments.

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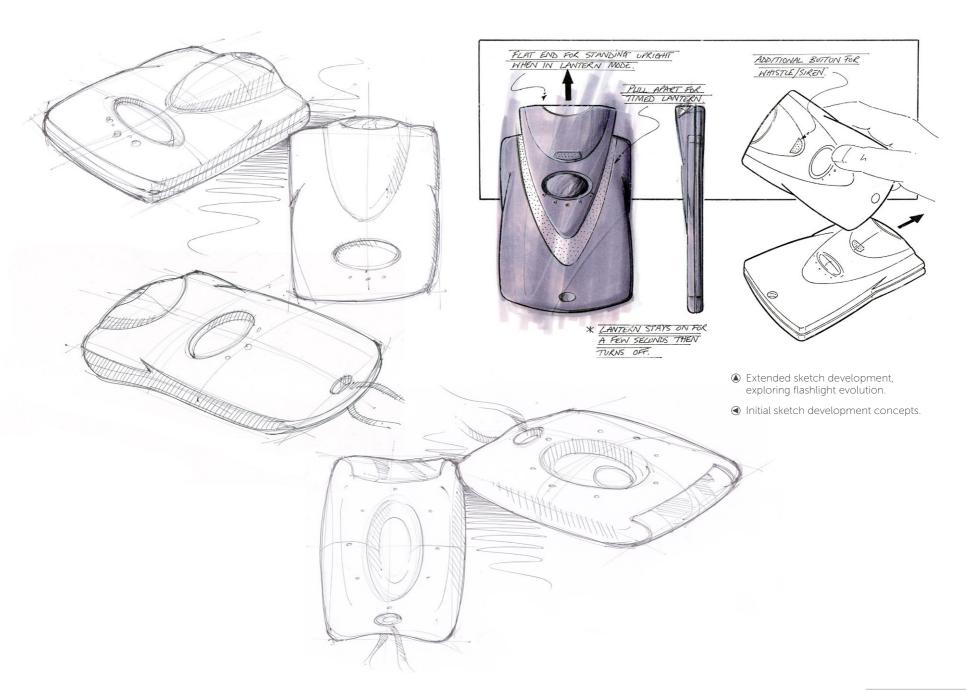


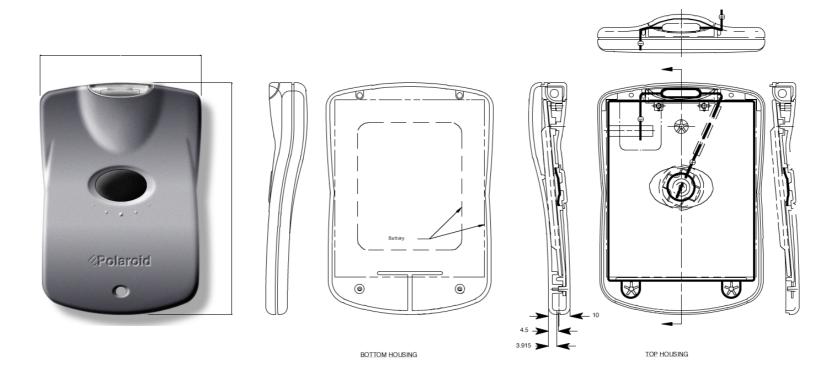
EDGE Product Development Newtown, Pennsylvania, USA

Junior Industrial Designer 1996 - 1999



cartridges.

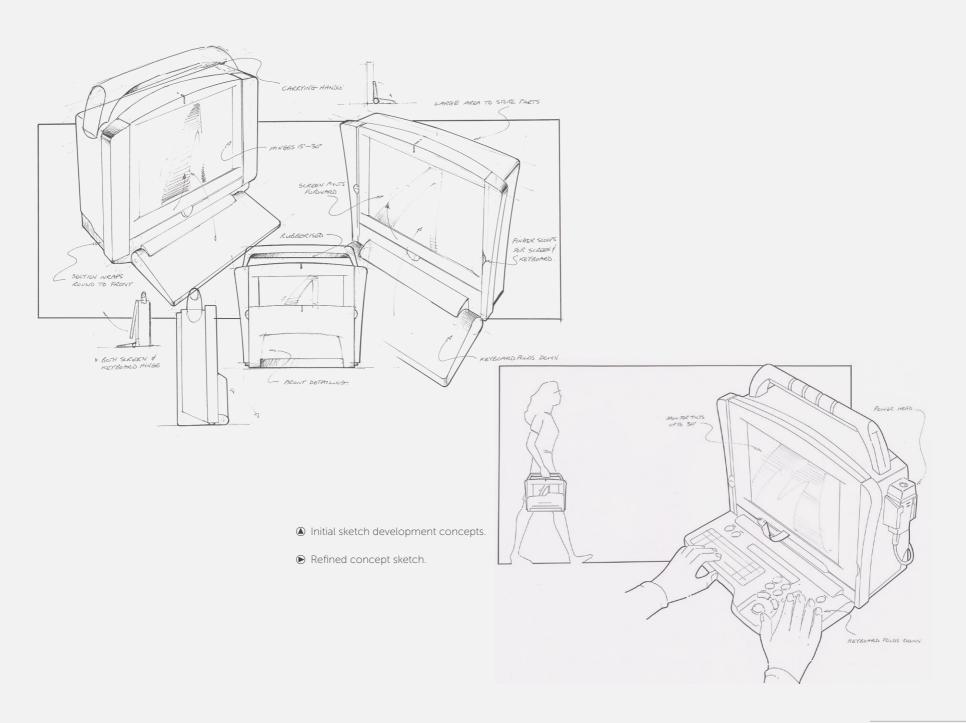




- Pre-production CAD assembly drawing combined with Photoshop rendering.
- Production model publicity photograph for external marketing.















- Full size replica presentation model. Display screen added in Photoshop.
- Final concept Photoshop rendering.





XPD - Express Engineering Group (Virdev Ltd)

Gateshead, Tyne & Wear

Senior Industrial Designer & Director of Industrial Design 1999 - 2004

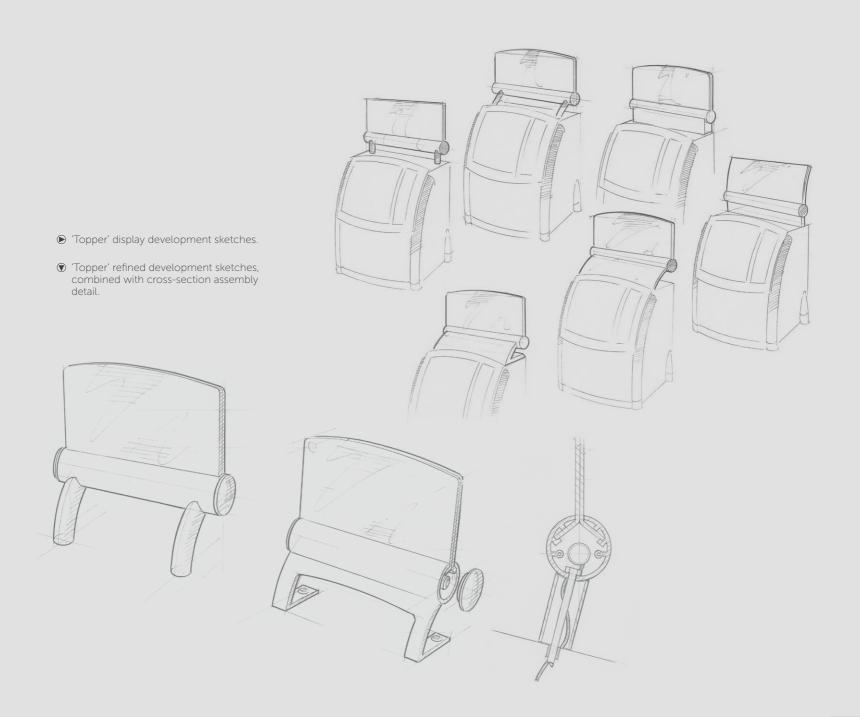


Entry level A.T.M. - Designed for use inside a variety of stores, from convenience through to restaurants and cinemas. Initial sketches and designs concentrated on giving the product a distinct personality.



Pre-production CAD data Keyshot appearance rendering.





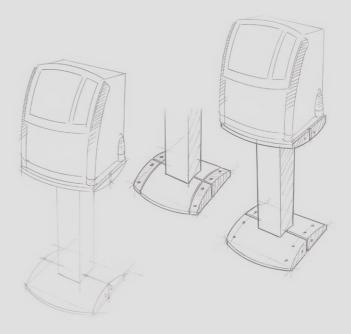








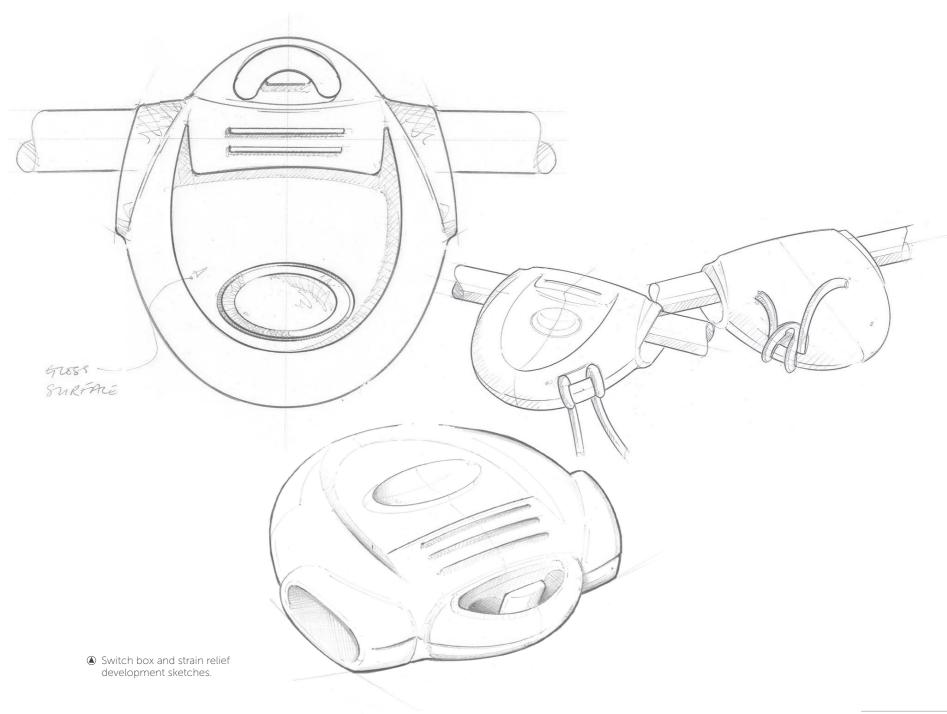
- Full size foam development model alongside first-off production parts.
- Pedestal development sketches.



Electrolux

Lawn mower switch box - Re-designed to incorporate a power cord strain relief and new control button. Design had to stay with



















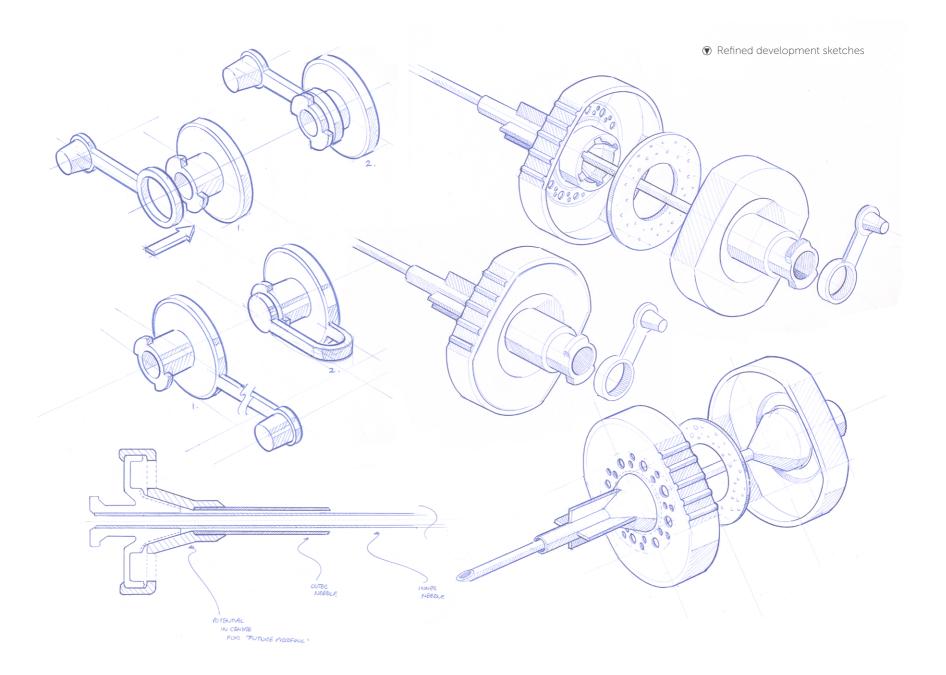
Full size foam concept development models to evaluate strain relief. Alias Design development model.

● First-off pre-production tooling sample.





Breathable needle - Needle designed to equalise the pressure when transferring medicines from one container to another.

















SLA prototype evaluation models.

Production product marketing photograph.



Centre for Design Research

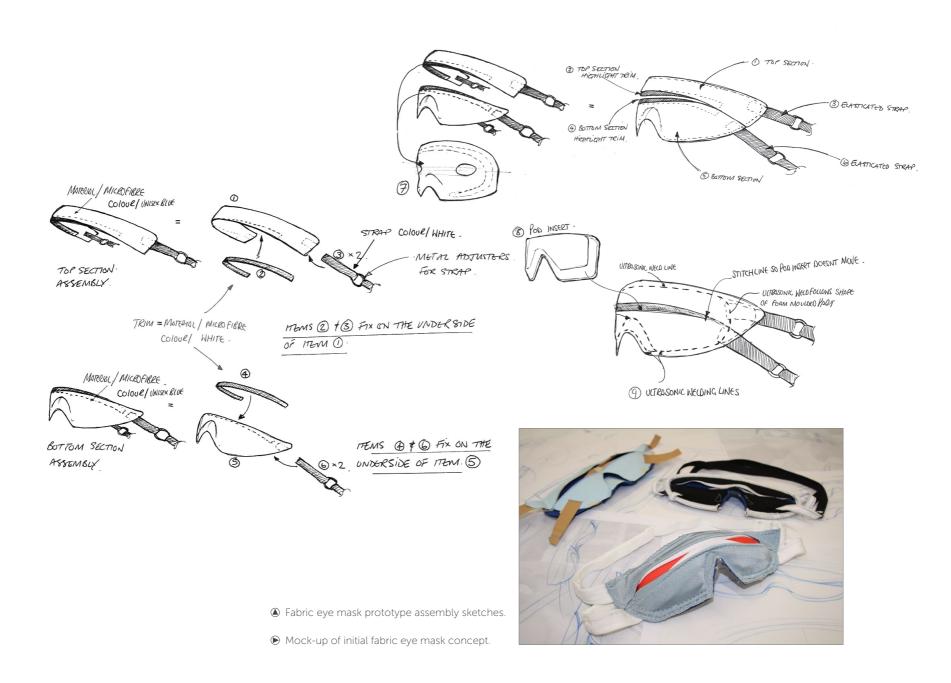
Northumbria University, Newcastle upon Tyne

Design Manager 2004 - 2013

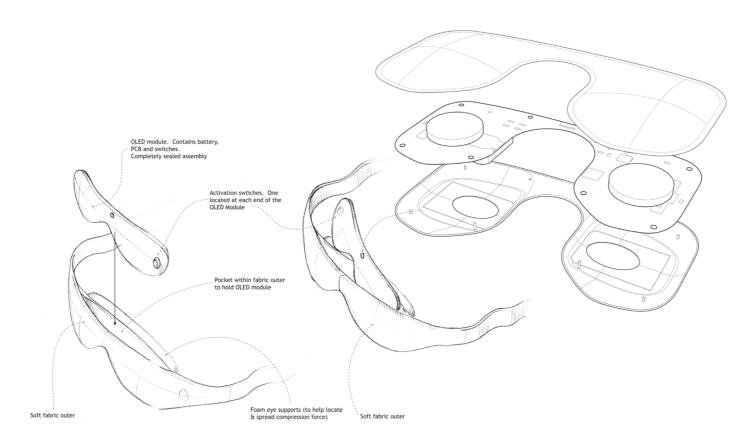


MEDICAL

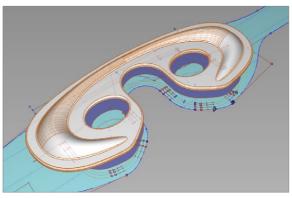
Eye Mask - The world's first commercially available noninvasive treatment for diabetic retinopathy and age related macular degeneration. Utilising specific light therapy administered though ground breaking OLED technology.



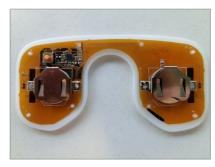


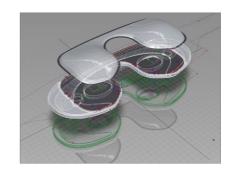


- Revised fabric mask and internal 'Pod' concept sketch.
- CAD 'Pod' Assembly drawing.
- Foam padding Alias Design CAD assembly.







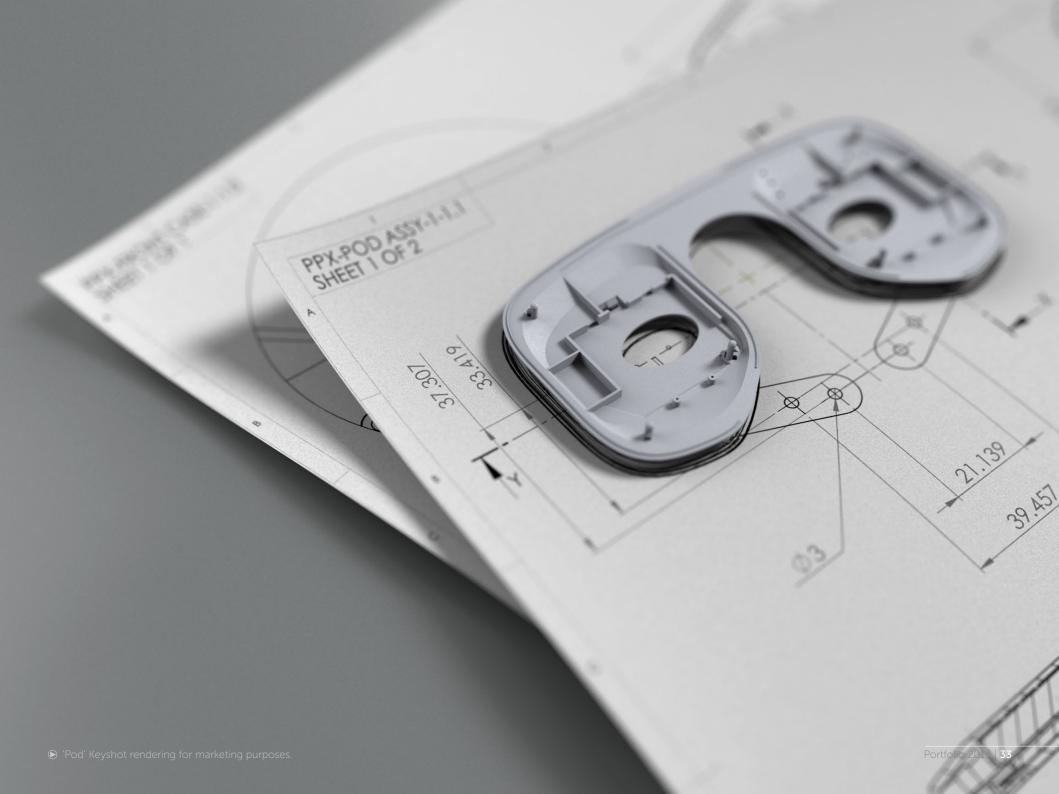






- Alias Design 'Pod' re-design following major PCB alterations.
- Initial 'Pod' SLS prototypes created for evaluation, fit and function.





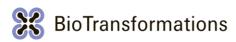




- ♠ First-off 'Pod' production parts for evaluation.
- Project Failure Mode Effect Analysis (FMEA) documentation created to aid CE mark certification and creation of technical file according to ISO 14871 (Medical Devices Risk Management)

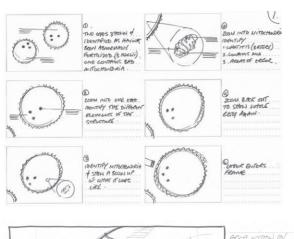


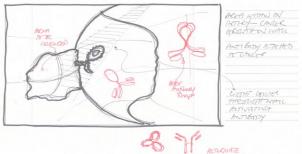






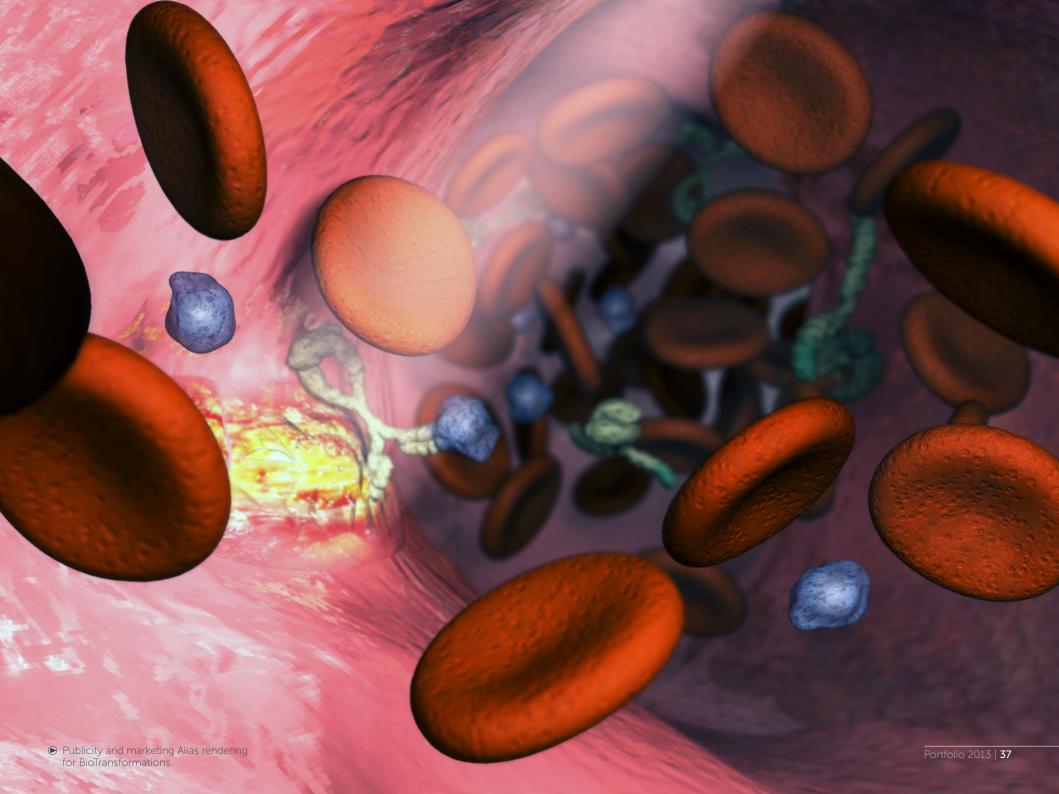
Animations - Series of medical animations using visual communication skills to effectively describe, educate and inform new ground breaking complex medical or scientific knowledge to the untrained.

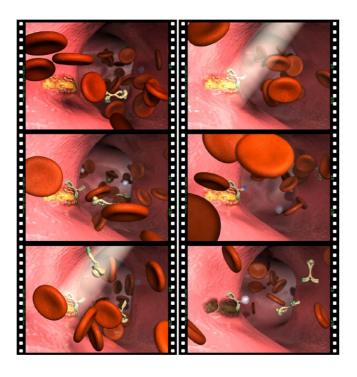




- Sketch storyboard animation for The Centre for Mitochondrial Research - Newcastle University.
- Animation layout sketch development for Bio Transformations.

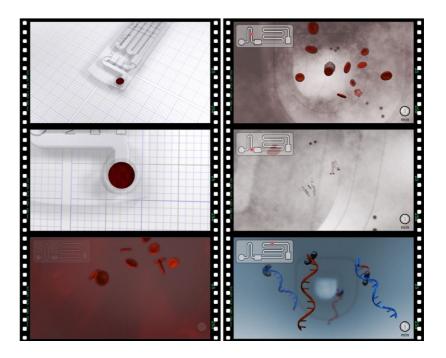














School of Design

Photoshop Teaching Material - Produced and taught Photoshop rendering class to 1st Year Design for Industry & Transportation students, drawing upon self taught Photoshop techniques.

