



Making the polymers of the future

Professor Drew Evans and his work with films and coatings
Thursday 1 September – 2.00pm AEST

Watch this video about Drew and his motivations and early work.
<https://www.youtube.com/watch?v=ShO1PGnmtwU&list=UU9oGkwvSJtqryHe5hPqbx3w>
Why did Drew come back to UniSA?

What is one new application that Drew could see coming from his mirror design in a new way?

Can you list one economic benefit that is shown in this video?

Read this article about Drew’s work with collaboration with Industry to create a new car mirror
<https://www.unisa.edu.au/connect/enterprise-hub/case-studies/shatterproof-mirrors-for-safer-lower-emission-cars/>

What are some benefits to industry of the new mirror over the conventional glass mirror?

What qualities does Dr Bastian Stoehr say that Industry bring to a collaboration?

What does Academia bring?

Read this article of one possible new application of Drew’s work.
<https://www.aop.org.uk/ot/science-and-vision/technology/2016/02/23/smart-lenses-target-glucose-monitoring>

How would these contacts be able to indicate to a wearer that they have low blood glucose?

Why would putting a coating on a flexible material be a challenge?

This link gives more applications in industry from Drew’s sector.
<https://www.science.org.au/curious/technology-future/flexible-electronics>