

<p style="color: red; text-align: center;">INTRODUCING YOURSELF talking about your career, your research</p>	<p style="color: orange; text-align: center;">LOOKING BACK summing up recapping reformulating</p>	<p style="color: green; text-align: center;">LOOKING FORWARD anticipating creating expectations</p>	<p style="color: orange; text-align: center;">EXEMPLIFYING illustrating</p>
<p>_I'm a postdoc working for David Nutt at Imperial _I've been working researching psychedelic drugs for the last five years or so _I completed my PhD four years ago _I've been working on really just this subject matter for the last five years _So most of my work's been with psilocybin</p>	<p>_So again we've got some context here which is helping to communicate really that... _So already we've got some important clues here about... _ So <u>we know that</u> the serotonin 2A receptor is important, <u>we know where</u> it is, <u>we know that</u> when a psychedelic binds and stimulates this receptor, it excites that host cell. So these are some basics. So this is all low-level stuff. _ so it's an incredibly rapid onset and the effects are quite profound</p>	<p>_I'll try and give you the basics first _We'll start with _what's striking about psilocybin and its metabolite, psilocin, is... _ And it's really quite striking that... _...so then it's important to know whereabouts in the brain is this receptor. _ So what else about the serotonin 2A receptor? _ What else? Well what happens when...? _What is this really gonna tell us about consciousness?</p>	<p>_ to help illustrate that rule _for instance _this compares to about 50 milligrams of the drug given orally</p>
<p style="color: blue; text-align: center;">EXPLAINING justifying highlighting logical connections</p>	<p style="color: magenta; text-align: center;">DESCRIBING MATERIALS AND METHODS</p>	<p style="color: black; text-align: center;">PRESENTING PREVIOUS FINDINGS</p>	<p style="color: purple; text-align: center;">RAPPORT BUILDING connecting / identifying with the audience / using humour</p>
<p>_Given that ... it's a natural inference to think that... _ And then essentially we make a subtraction...</p>	<p>_ has administered quite a large dose of psilocybin _they've administered a large dose of psilocybin to a relatively large sample of research participants _PET imaging work in humans has found that _ we used functional magnetic resonance imaging to measure blood flow in the brain _this study involved fifteen healthy volunteers, they had a mean age of 34, it was an eighteen-minute scan and there was a placebo scan to provide us with a baseline and then the drug scan _they lay in the scanner and there wasn't any behavioural task that they had to carry out _they were supposed to just relax _we gave 2 milligrams of psilocybin _ which compares to about 20 to 40 liberty cap magic mushrooms if you want to put it in a recreational context</p>	<p>_they found that... _ it was found that... _ It's also been found that... _ PET imaging work in humans has found that</p>	<p>_most people think about... _it conjures up ideas of ... _so you might think of... _ apologies for my translation _he's an interesting chap, you know _Fortunately it's out of season at the moment, it's not mushroom season so you won't be getting your iPhones out and snapping this picture and going hunting at the end of the talk or tomorrow. _, which compares to about 20 to 40 liberty cap magic mushroom if you want to put it in a recreational context</p>

