Driving home from the Sports Centre last week, I saw a familiar scene starting to build on the slip road next to the dual carriageway. It was the usual suspects: an ambulance, more than one police car, a fire engine, another on the way — sirens blaring, the street being closed off...

In a few minutes, I was home. The neighbours were asking if I knew what happened.

“No, I don't,” I said. “But whatever it was, it didn't look good — too many police cars and fire engines for something minor.”

“Was it on the dual carriageway?”

“Are they going to close the highway down?”

I answered both people at once. “No, it was on the slip road. They’re closing it down. Or, at least it looked like they were going to close it down.”

My seven and nine year old girls were on their bikes. They asked if they could cycle over and see what was going on. I said I didn't think that was a good idea. Whatever happened — one thing I was sure of — it wasn't going to be pretty.

Several hours later, we eventually heard what happened: a flatbed truck (18-wheeler) hit a man on a mountain bike crossing the road — in broad daylight. The lorry wasn't speeding.

“How can you get hit by a lorry?” one of my friends asked.

“Must not have seen it,” I offered.

“Yeah, I know, but that's what I mean — how can you not see a large lorry?”

“Not easy,” I said in agreement. But in my head I’m thinking complacency. You've got to be pretty complacent to not see a flatbed lorry. He must not have even looked. Heck, just a quick glance probably would have been enough. If he had just slowed down enough to get that quick look, he'd still be alive...

With violent crime, quite often you hear yelling and screaming before the gun shots. In the movies, the music changes, but with complacency there's usually no warning, nobody's worried about anything, and then “wham” — somebody's dead — every day, thousands (and thousands) of times a day, all over the world. When you add it all up, complacency contributes to more unintentional deaths than anything else — especially when you combine it with rushing, frustration or fatigue.

How do people get so complacent that they don't look for large lorries or that they fall asleep at the wheel? Why do people get so complacent that they don't even think about the risk anymore? (When was the last time you "worried" about your safety as you got behind the wheel?) How do people get complacent enough that they will do something that they know contributes to making a "mind not on task" error, like texting while driving? Or to not use a safety device like a fall arrest harness that reduces the risk if they do happen to make an error with balance, traction or grip? And finally, since it happens to all of us — we all do get complacent — what can we do to fight it?

As mentioned above, complacency causes many problems, but the biggest or the worst is that it leads to “mind not on task.” Once the fear is no longer pre-occupying, your mind can wander. And when you’re thinking about something else, other than what you’re doing at the moment, your most important asset — your star player — is sitting on the bench. Think about all of the times you’ve been injured (not including sports). Can you even think of one time in your life when you were injured when you were thinking about what you were doing and the risk of what you were doing at the exact instant when you got injured? Note: If
you’re like most people, you can’t even think of one — let alone ten. And yet we’ve all been hurt thousands of times if you count all of the cuts, burns, bruises and scrapes we’ve had.

Case in point: I asked the question to over 1,200 linemen of a major electric utility company. Out of 1,200 lifetimes — at work and at home — I got two examples. The average age of the group was about 45. That’s two examples in 1,200 x 45 years.

So, as mentioned before, your mind is indeed your most important safety “device”. But here’s the catch: we don’t always need to be thinking about what we’re doing — from a risk perspective — in order to do many things (like drive) without getting hurt. We can all do lots of things on auto-pilot. So the first thing people need to do is recognise or accept that their mind will wander if they’ve done the same thing many times before. It’s going to happen. It happens to everybody. It doesn’t make you a bad person — just a dead one, or a disabled one or a lucky one… But it’s not hopeless. There are techniques you can use to fight complacency, and there are techniques you can use to compensate for complacency leading to mind not on task — and mind not on task leading to line-of-fire or balance, traction or grip errors. They don’t require expensive equipment or yellow and black tape. But they do take a bit of personal effort. And finally, as well as teaching people these techniques, we also have to teach them to develop a deep level of respect for complacency and what it can do so that it doesn’t start creeping in to their decision making as well.

Critical Error Reduction Techniques

Although everyone does get complacent with things that they have done over and over again, it’s not hopeless, because if you’re not thinking about what you’re doing, your behaviour will be what it normally is.

It will only change if you make a conscious effort to change it. So we need to get people (including ourselves) to work on their safety-related habits: like moving your eyes before you move your hands, feet, body or car; testing your footing or grip before you commit your weight to it; looking at your “second foot” as you step over a cord or something that you could trip on (it’s usually the second foot — that you’re not paying attention to — that gets caught or hung up); looking twice when the sun is in your eyes to make sure you didn’t miss something (the sun does play tricks on you); lightly touching something before you grab it — if it might be hot (I learned this one at a steel factory); and finally — sadly in the case of the mountain biker — habitually looking for line-of-fire or what might be coming at you at blind junctions (or where cycle tracks through the woods exit onto a side road). If you don’t see what might be coming at you, it could easily be the last mistake you’ll ever make...

Of course it takes a bit of effort to develop new habits or to change old ones, but the real bonus is that once you do — you will do it automatically. It won’t take any effort after that. And then you won’t have to worry nearly as much about complacency leading to mind not on task and mind not on task leading to other critical errors like line-of-fire and a loss of balance, traction or grip. However, even though improving your safety-related habits will help to compensate for your mind going off task, it would also be good if we had a way of helping people “pull their mind back to the game” or to bring them back to the moment. This is because your habits and reflexes alone don’t give you the ability to anticipate a dangerous situation and then take yourself completely out of harm’s way. That you need your mind for.

However, if you watch other people for “state to error” risk patterns (see Figure 1), every time you see

"Your mind is indeed your most important safety device."
Complacency and Decision Making

While these two critical error reduction techniques will reduce injury causing errors like eyes not on task, moving into the line-of-fire and losing your balance, traction or grip, we also need to help people realise the problems complacency can cause with decision making.

One of these problems is with trusting something important — especially something that is important or critical from a safety perspective — to your memory. This can be as simple as forgetting to bring a life vest for everyone in the boat, to something more complicated, like remembering a change to a well-established routine (driving to and from work). In some cases, the consequences are just wasted time or wasted money. In others, if there’s enough hazardous energy around, the consequences can be deadly. (Approximately 100 children/infants a year die in Canada and the United States of hyperthermia because they fell asleep in their car seat and their parents forgot they were in the vehicle.)

So, when you say to yourself, “I’ve got to remember this,” or “I can’t forget to do that”, you need to realise that “right now” is your last clear chance to do something to aid your memory (note in line of vision, alarm on phone/tablet, etc.). But once again, complacency can get in the way. Since we don’t always forget, or worse — hardly ever forget — it’s very easy for people to get complacent about doing something else to aid their memory, especially if whatever they need to do takes a bit of effort or if it seems silly (like putting a post-it note on the dashboard saying “Daughter in car seat” if you don’t normally take the child to nursery).

Another problem complacency causes is with recognising change. We can all talk and drive at the same time. And we all know it can be a distraction. Sometimes it’s not too distracting (not too dangerous) and sometimes the conversation can be very pre-occupying (very dangerous). In situations like these, it’s easy to become complacent and rationalise what we’re doing when it’s not dangerous, because the risk is low. It only becomes a problem if the conversation starts to get more involved. But this can be difficult to recognise because you’re now thinking about whatever it is that’s pre-occupying your attention, not on what you’re doing (driving). So, even though we all know that driving when you’re really pre-occupied is dangerous, complacency can lead us to do things that may easily become very dangerous without us always recognising it.
Another fairly obvious problem complacency causes is with overconfidence. Many safety devices, procedures or protocols are redundant if nobody makes a mistake or “nothing goes wrong”. We all know that you don’t need a life jacket unless you fall in the water. But if someone is a good swimmer, they might be less inclined to wear a life jacket; or if they were an experienced roofer, less inclined to wear a fall arrest harness — especially if they were only 6-10 feet above ground...

However, people can also get complacent about using checklists and permits. They can also become complacent about things like telling someone where they’re going (walk in the hills) and when they’re planning on coming back — sort of like filing a flight plan. People can even get complacent about holding the handrail, even though we’ve all fallen going down stairs before and some of us have even fallen going up stairs.

So, as mentioned before, we need to teach people more than just the critical error reduction techniques they need to learn to fight complacency and to compensate for complacency leading to mind not on task; we also have to teach them to develop a deep respect for complacency and what it can also do to our decision making.

As it turns out, the man killed on the mountain bike was not someone from overseas looking the other way — as was originally speculated. He was a well respected local who had been living locally for 30 years. Over 300 people came to his funeral...

Every day, thousands (and thousands) of times a day, complacency claims another victim.