Mental Management of Emergencies
Brain Science applied to public safety

Dr. Richard B. Gasaway
Situational Awareness Matters!
www.SAMatters.com
If you are interested in hosting a program please contact Dr. Gasaway at

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This program is available as a 3 part DVD series.

If you are interested in purchasing it:

Click the “store” link on the SAMatters.com website
Situational awareness

It is your ability to **perceive AND understand** what is happening in your environment (in context to how time is passing) and then, in turn, be able to accurately **predict** future events... in time to avoid bad outcomes.
The Situational Awareness Development Process

Perception

Using the senses to capture information…
(clues and cues) about the current situation

• Pay attention…
• Keep your head on a swivel…
• Look up, down, and all around…
• Actively listening…

➤ “What’s happening right now?”
The Situational Awareness Development Process

Understanding

Making sense out of what is:
  Seen, heard, felt, tasted & smelled

- Comprehension
- Moment of clarity
  - “What does this mean?”
  - “Is this what I expected?”
Prediction

Anticipating future events before they happen.

• Forecasting
• Projection
  ▶ “Where is this going?”
  ▶ “How long is it going to take to get there?”
  ▶ “Can we change the outcome?”
Under stress...

- Drugs.
- Instincts.
- Rational judgment.
- Intuitive judgment.
- Attention.
- Vigilance.
- Information processing.
- Habits and routines.
Pre-Arrival Lens
Confirmation Bias
Confabulation
Tunnel Vision
Task Fixation
Mission (or goal) Myopia
Multitasking
Short-Term Memory Overload
Time Distortion
Your brain evolved and is adapted for survival.

The brain has primal “trip wires” that sense danger.
Change Blindness
Motion-induced blindness
(overwhelming the visual processor)
Barriers can steal away your Situational Awareness

And there are more than 100 of them!
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If you want to learn more…
Join the SA Matters community.
And receive a special report:

www.SAMatters.com
Helping you see the bad things coming... in time to change the outcome.

If I can help you in any way, please contact me:

Richard B. Gasaway

www.SAMatters.com