

# Jonathan Leeming

# Bite Me!

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How Spiders Can Help Us Overcome  
The Challenges Of Our Time

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## Take Away Message

[www.JonathanLeeming.com](http://www.JonathanLeeming.com)



## Introduction

Most people see a horrible and dangerous spider that they consider should be killed on sight!

When I see a spider, I see 8 legged awesomeness! I see the miracle of spider silk. I see 380 million years of innovation, research and development that is unlocking biotechnology.

But the real question is, what do you see?



The only difference between our perceptions is that I understand the importance of spiders in the environment, their function in nature, their role in the greater scheme of things, and the benefits that they offer mankind. But your values and beliefs may be telling you something completely different.

## Scary Equation<sup>(tm)</sup>

$$\left( \left( \left( \frac{\text{Large} + \text{Hairy}}{1} \right) \times \text{Run\_Fast} \right) \text{Misinformation} \right) \text{Imagination} = \text{Scary}$$

Misinformation comes from every aspects of our lives!





## Understanding Medically Important Spiders

- Values and beliefs.
- Misdiagnosis of spiderbites.
- Context of our understanding

What can we learn from spiders?

**Our values & beliefs are often based upon what we don't know rather than what we know.**





## Spot The Spiderbite

There is no more of a convincing person than yourself. The human mind has an infinite capacity for self deception, what goes on in our heads can easily become a danger to ourselves and society.

## Spiderbite Misdiagnosis

### Bacterial

*Staphylococcus infection.*  
*Streptococcus infection.*  
*Gonococcal arthritis dermatitis.*  
*Cutaneous anthrax.*

### Reaction to drugs

Warfarin poisoning.

### Viral

Infected herpes simplex.  
Chronic herpes simplex.  
*Varicella zoster* (shingles).

### Arthropods

Tick bites.  
Insect bites (flea, mite, biting fly)

### Fungal

*Sporotrichosis.*  
Keratin cell mediated response to fungus.

### Topical

Chemical burns.

### Underlying Diseases

Diabetic ulcers.

### Vascular disorders

Focal vasculitis.  
Purpura fulminans.  
Thromboembolic phenomena.  
Polyarteritis nodosa.

### Causative agents

Pyoderma gangrenosum.  
Pressure ulcers.  
Stevens-Johnson syndrome.  
Erythema multiforme.  
Erythema nodosum.  
Toxic epidermal necrolysis.

## Sources Of Understanding

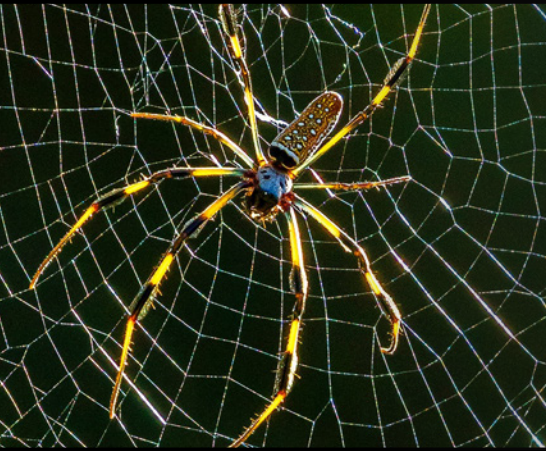
As we learn more and more about spiders and their bites, we have to be prepared to change our values and beliefs according to the current model of understanding.



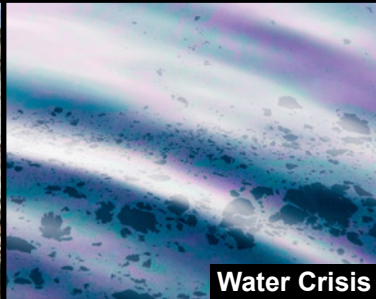
How can we  
be so wrong  
about spiders?



If we are so wrong  
about spiders, what  
other aspects of our  
lives can we be  
equally wrong  
about?



**The Climate Crisis**



**Water Crisis**



**Biodiversity Loss**



**Human Health Crisis**



**Ocean Degredation**



**The Challenge Of Waste**

# If the world is not **LIVING UP TO YOUR EXPECTATIONS**

Then you need to **STOP WHAT YOU ARE DOING**, and reconsider how you perceive the world.

- Your current perceptions of the world can be **COMPLETELY DISCONNECTED FROM REALITY.**
- You have to practice **HONEST IGNORANCE.**
- Be very careful about **BUILDING YOUR VALUES AND BELIEFS UPON WHAT YOU DO NOT KNOW.**
- With new information **COMES A NEW UNDERSTANDING.**



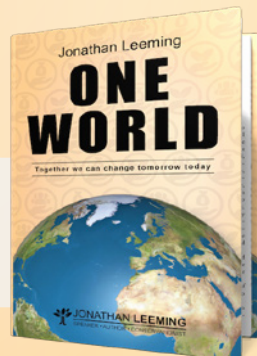
## Thank you!

Thank you for taking time out of your day to hear my message. I would love to hear your comments. Please send me an email to **info@JonathanLeeming.com** and together we can change tomorrow today.



**JONATHAN LEEMING**

SPEAKER • AUTHOR • CONSERVATIONIST





## One World Workshops

Collaborative workshops and activities that create a connection between values and beliefs, and sustainability targets and objectives.



## One World Presentations & Mindshots

Presentations, 15 minute Mindshots, and panel discussions that not only educate, but also inspire.

## One World Conversations

Free, online workshop tools that get the conversation started!



Together we can change tomorrow today

One World is focused upon empowering you to go back to your community or organisations, and support your own sustainability efforts.

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