

# **Exploring Compassion Focused Therapy**

23 May. 2025







**Prof Paul Gilbert, FBPsS, OBE** 

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### **Please Note**



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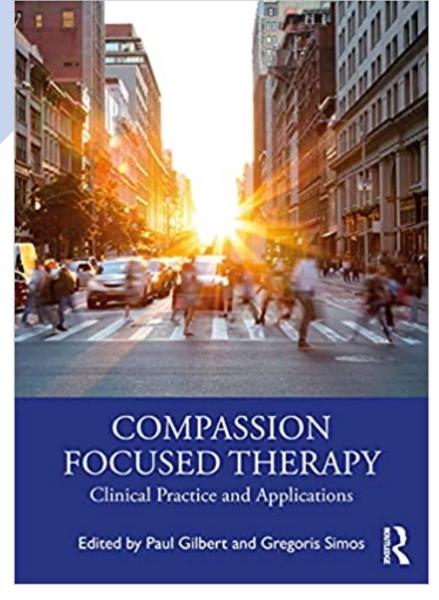
The personal practices you are invited to participate in, and practice, are designed to offer personal and clinical insight

You are responsible for your own well-being



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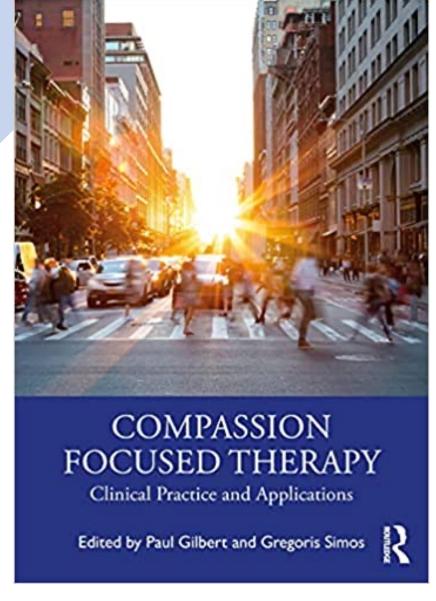
All science is about understanding phenomenon in the world work and then how to interact with them

Psychotherapy is often started the other way around of trying to work out what helps people but without a detailed understanding of the nature of mind (or why). Leads to multiple approaches

This is changing. CFT argues we need a science of nature of the evolved brain and its functions as the foundation for understanding suffering and psychotherapy

2022

All information for this workshop can be found here



2022

Rather than 'third wave therapies' it is crucial to root our understanding of mental health and antisocial problems, and their psycho and social therapies, in the basic sciences rather than narrower psychotherapeutic models

All the processes utilised within CFT such as motives, emotions, cognitive competencies, and behaviours can be found in standard psychology textbooks

Key is the study of their complex interactions of the functions and their individual variation

The importance of specific, focused and guided interventions





### Clinical Psychology: Science and Practice

© 2023 American Psychological Association ISSN: 0969-5893

https://doi.org/10.1037/cps0000193

# The Impact of Compassion-Focused Therapy on Positive and Negative Mental Health Outcomes: Results of a Series of Meta-Analyses

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Beatrice Baldi<sup>2, 3</sup>, Jaskaran K. Basran<sup>7, 8</sup>, and Paul Gilbert<sup>7, 8</sup>

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<sup>8</sup>The Compassionate Mind Foundation, Derby, United Kingdom

All non-English articles and studies focusing on other compassion-based approaches were excluded. Forty-seven controlled trials from the last 14 years were included, with data from 7,875 participants from 17 countries.

**Results:** Even after the exclusion of extreme outliers, CFT was effective in reducing overall negative mental health outcomes (k= 32, g=0.72, p,.0001), depression (k = 23, g= 0.49, p,.0001), self-criticism (k= 17, g= 0.40, p,.0001) and in improving compassion for self and others (k= 24, g= 0.51, p,.0001).

Heterogeneity was high and only partially reduced by moderation analysis, which highlighted larger effects in specific subgroups

# **Third Wave Therapies?**

- Acceptance and Commitment Therapy (ACT)
- Dialectical Behavior Therapy (DBT)
- Mindfulness-based Cognitive Therapy
- Metacognitive Therapy
- Functional Analytic Psychotherapy (FAP)
- Compassion Focused Therapy (CFT)

It is suggested that third wave therapies differ from earlier generations of CBT in that they:

- Focus on the function of thoughts, rather than the content
- Consider the context of an individual's experience
- Emphasize acceptance and mindfulness

CFT recognises and may use *any of* these important innovations for helping people.

However, CFT has a much wider focus that is rooted in the *biopsychosocial* sciences in general and interventions

Also it utilises insights and interventions from so called first and second wave approaches (e.g., Beck, Ellis, Rachman, Marks)

It utilises insights from other therapies such as: dynamic, attachment, archetype and eastern approaches and practices



# **Contextual Therapies?**

• Contextual sciences note the fact that *all organisms* are evolved to interact with their environments. Manifest behaviour is a product of both what the organism brings to the situation and the situation itself

 Contextual psychotherapies are about that interaction between the internal (under the skin) and the external context - it is the study of interactions

• It leads naturally to studies such as the impact of early attachment experiences on subsequent development; therapists can explore the impact of previous contexts as well as current ones



# **Contextual Therapies?**

• Contextual psychotherapies help people focus on their interactions and seek to provide contexts (external inputs ) that facilitate change -hence the therapeutic relationship is a context for learning

• In CFT contextual psychotherapies is better conceptualised as a evolution informed biopsychosocial approaches - which CFT is

• In the biopsychosocial model *the context of the body* itself, genes and evolved physiological systems, create the inner contexts (opportunities and constraints) for the emergence of experience and behaviour



### **CBT TODAY**

Cognitive therapy and CBT are now a loose and very broad platform utilising many ways of helping people change

They have been integrated with attachment theory, emotion regulation models, embodiment mindfulness, and much else

The emergent core is a form of engaging with people to enable them to explore the nature and functioning of their multi-minds and develop new insights, skills and ways of living

There should be a moral and pro social dimension to therapy



# Biopsychosocial Approaches and Evolutionary Theory as Aids to Integration in Clinical Psychology and Psychotherapy

Paul Gilbert<sup>1</sup>

Kingsway Hospital, Derby, UK

This paper explores the problem of fragmentation in clinical psychology. It is suggested that this is due to the nature of clinical psychology with its multitude of different concerns, ranging from the cultural to the physiological. To help us become more integrative we could more formally adopt the biopsychosocial approach which explicitly asks the clinician and theorist to focus on the interactions between various levels. This paper also argues that the biopsychosocial approach could be informed by evolutionary theory because this theory provides possible explanations of why certain developmental and social contexts can so powerfully impact on physiology. An evolutionary psychology relevant to clinical psychology can focus on the archetypal nature of human experience, be helpful in exploring therapeutic issues, and avoid some of the reductionist aspects of sociobiology.

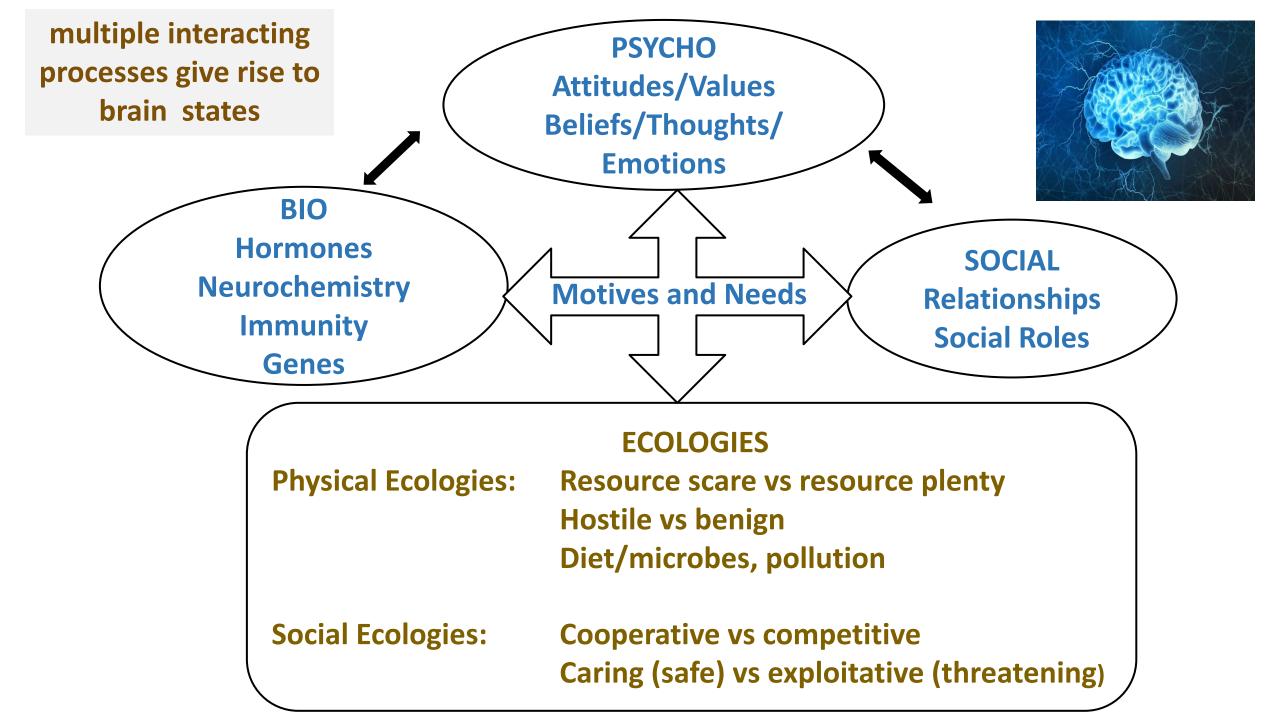
# Biopsychosocial Approaches and Evolutionary Theory as Aids to Integration in Clinical Psychology and Psychotherapy

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be informed by
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multiple interacting processes give rise to brain states

**PSYCHO Attitudes/Values Beliefs/Thoughts/ Emotions** 

The biopsychosocial model is inherently contextual science

BIO **Hormones Neurochemistry Immunity** Genes

**Motives and Needs** 

**SOCIAL Relationships Social Roles** 

**Family** 

**Friends** 

**School** 

Work

**ECOLOGIES** 

**Physical Ecologies:** Resource scare vs resource plenty

Hostile vs benign

Diet/microbes, pollution **Social Ecologies:** 

**Cooperative vs competitive** 

Caring (safe) vs exploitative

(threatening)

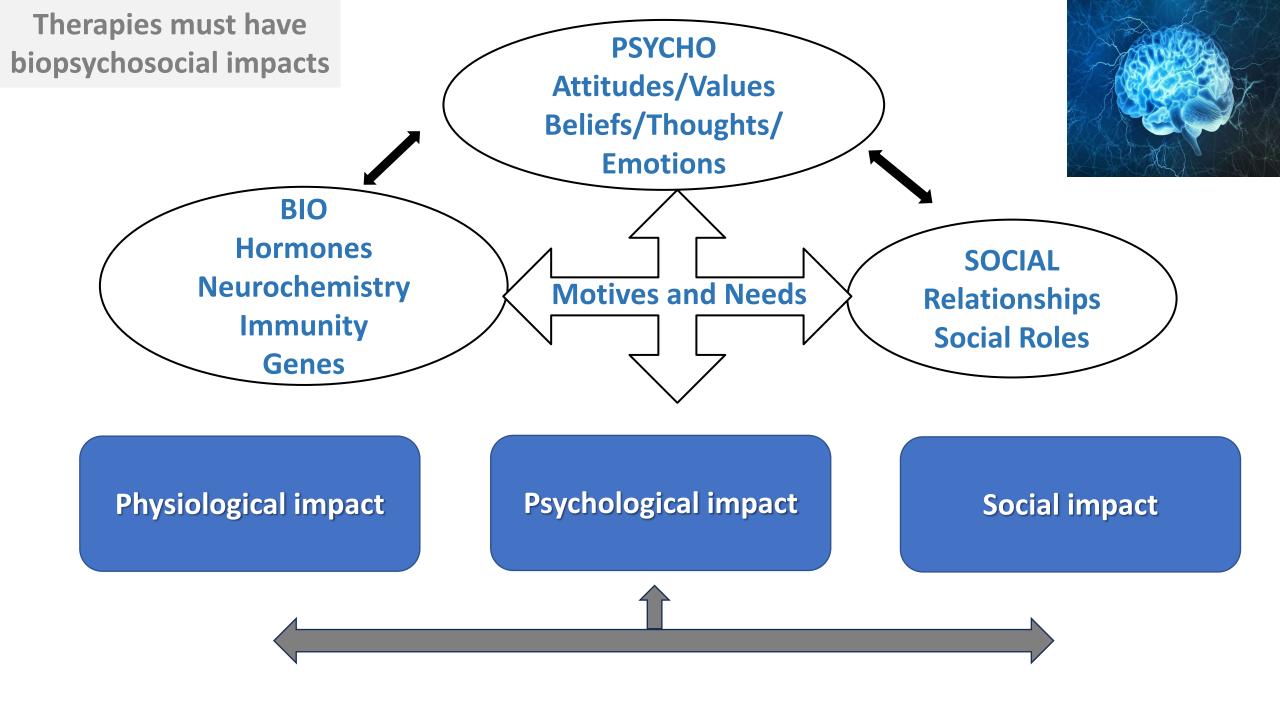
**Culture** 

Religion

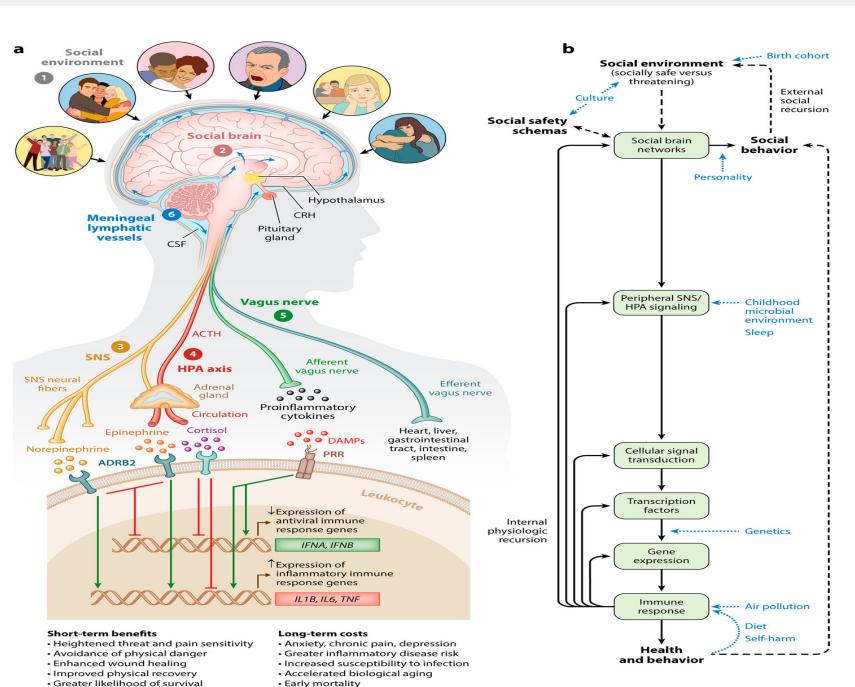
Genderism

**Racism** 

**Sexism** 



### Recent example of biopsychosocial approaches to physical and mental health



HEALTH PSYCHOLOGY REVIEW 2023, VOL. 17, NO. 1, 5–59 https://doi.org/10.1080/17437199.2023.2171900



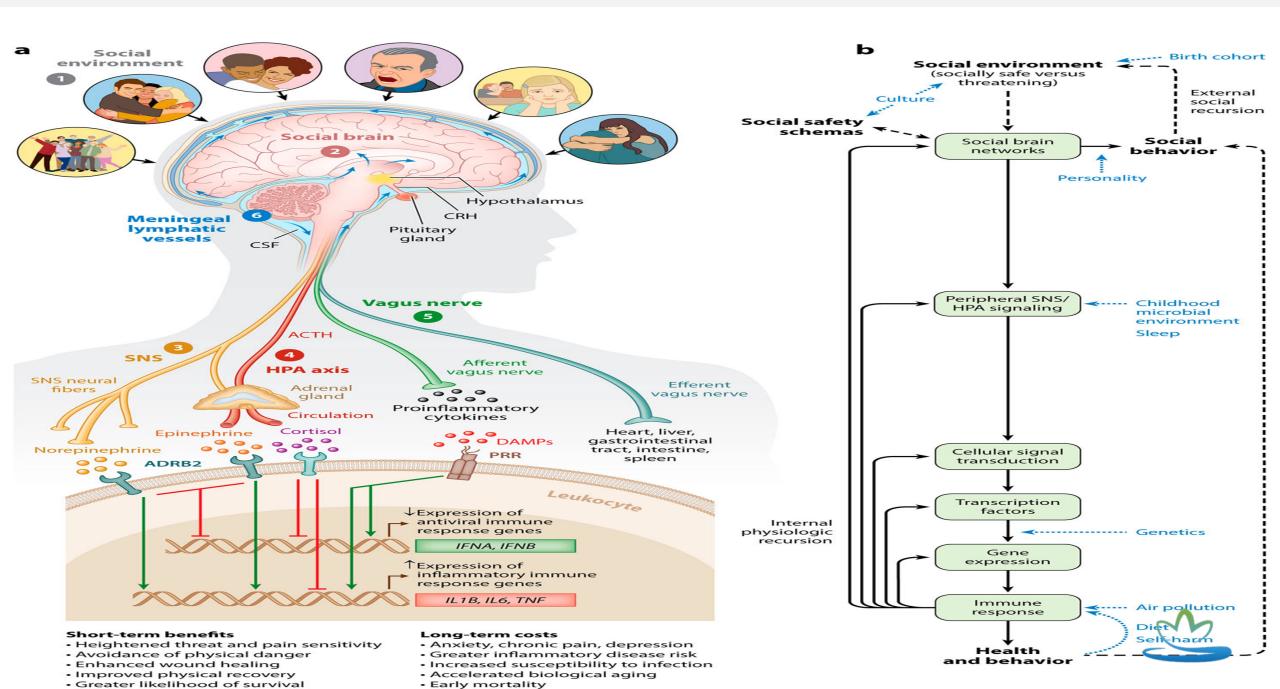


# Social Safety Theory: Conceptual foundation, underlying mechanisms, and future directions

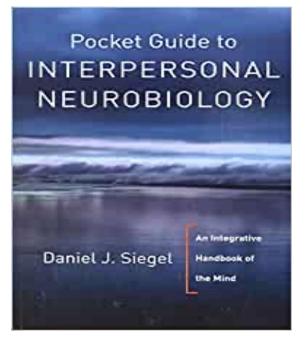
George M. Slavich <sup>©</sup><sup>a</sup>, Lydia G. Roos <sup>©</sup><sup>a</sup>, Summer Mengelkoch <sup>©</sup><sup>a</sup>, Christian A. Webb <sup>©</sup><sup>b,c</sup>, Eric C. Shattuck <sup>©</sup><sup>d</sup>, Daniel P. Moriarity <sup>©</sup><sup>a</sup> and Jenna C. Alley <sup>©</sup><sup>a</sup>

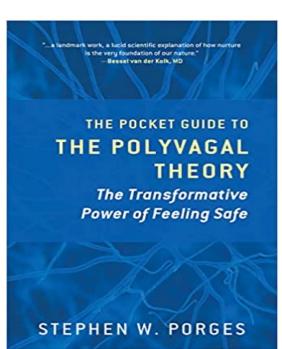
<sup>a</sup>Department of Psychiatry and Biobehavioral Sciences, University of California, Los Angeles, CA, USA; <sup>b</sup>McLean Hospital, Belmont, MA, USA; <sup>c</sup>Harvard Medical School, Boston, MA, USA; <sup>d</sup>Institute for Health Disparities Research and Department of Public Health, University of Texas at San Antonio, San Antonio, TX, USA

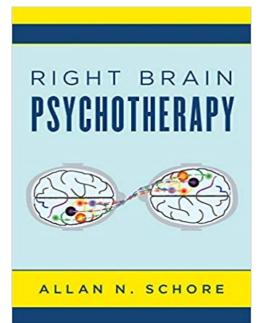


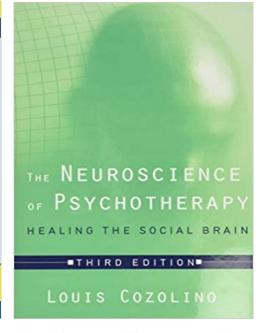


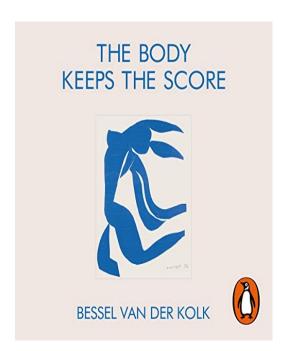
Increasing number of biopsychosocial integrative approaches to therapy

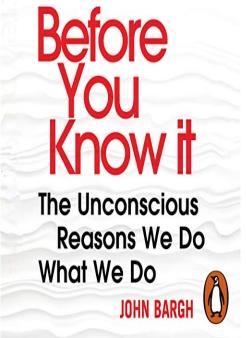




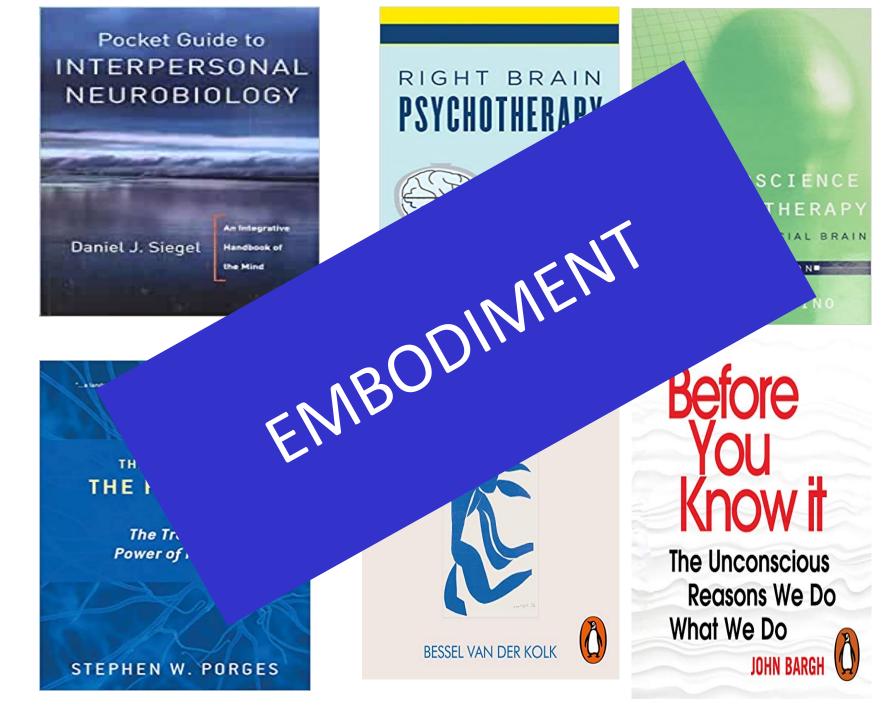








Increasing number of bio psychosocial integrative approaches to therapy



# CFT and cross-approach processes and examples of interventions used in CFT; Hence a compassion focused approach

Basic micro skills. Open vs closed questions, paraphrasing, summarising, reflecting, nonverbal communication, pacing, the therapeutic relationship, alliance building, motivational interviewing, use of silence.

Therapy Process. Collaboration, Socratic dialogues and guided discovery, personal meaning, shared formulation and model, shared therapy aims inference chains – (bottom line/catastrophe/major fear/threat), functional analysis, chaining analysis, looping, mind mapping, reframing, developing emotional tolerance, maturation, empathic connections, diagraming, exposure, boundaries enacting (becoming).

Change through guided practice. Behavioral experiments, mindfulness, guided imagery, expressive writing, generating alternative thoughts *and* independent out-of-session practice - to name a few!

But what are the motives?



### CFT - cross-approach processes and seven functions of therapy

**Awareness Differentiation** What? **Tolerance But what** Why? **Integration** are the motives? How? **Cultivation Transformation Adaptation** 

Build affiliative compassionate relationships with self and others

**CFT** 

**Assessment** 

**Formulation** 

**Engagement** 

Therapeutic

relationship

Contracting

**Task and Goals** 

Manage threats, setbacks, losses, trauma, shame, self-criticism

**CMT** 

Body work
Visualisation
Competencies
Behaviours
Build capacities and
intentions
Courage and
wisdom to engage

with the tasks



### **Awareness**

Differentiation

Tolerance

Integration

**Cultivation** 

**Transformation** 

**Adaptation** 

### **CMT**

Body work
Visualisation
Competencies
Behaviours
Build capacities and
intentions
Courage and
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with the tasks



THE
Compassionate Mind

### CFT

Assessment

**Formulation** 

**Engagement** 

Therapeutic

relationship

Contracting

Task and Goals

**Build affiliative** compassionate relationships with self and

Blending these processes can be tricky.

CMT must be integrated into the therapeutic process -not offered in an arbitrary way

> trauma, shame, selfcriticism

**CMT** dy work isation tencies ehaviours **Build capacities and** intentions **Courage and** wisdom to engage with the tasks

**CFT** 

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**Task and Goals** 













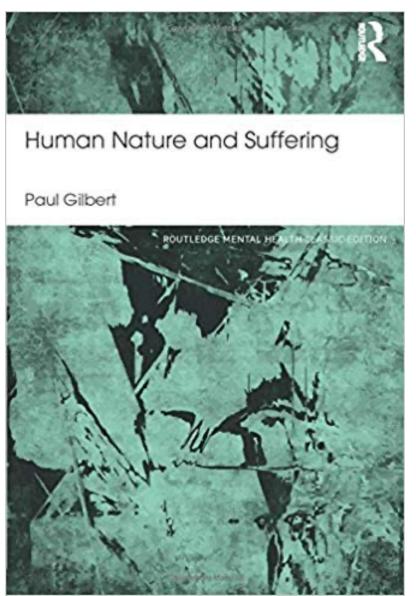
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# Science Background

Depression:
From Psychology to
Brain state

**Paul Gilbert** 



DEPRESSION The Evolution of **Powerlessness** Paul Gilbert

1984 1989 1992

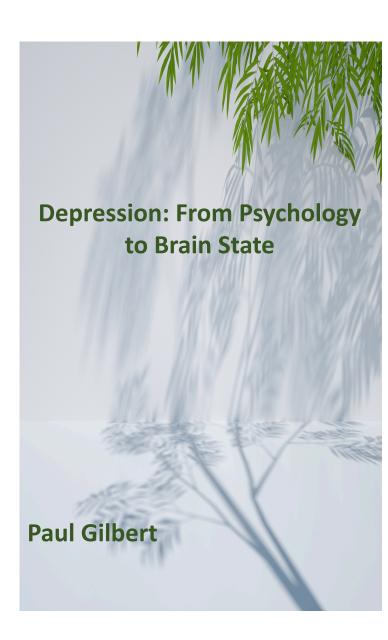
# Depression: From Psychology to Brain State

**Paul Gilbert** 

The ways social and psychological processes change physiologies and how psycho-social therapies need to address those changes

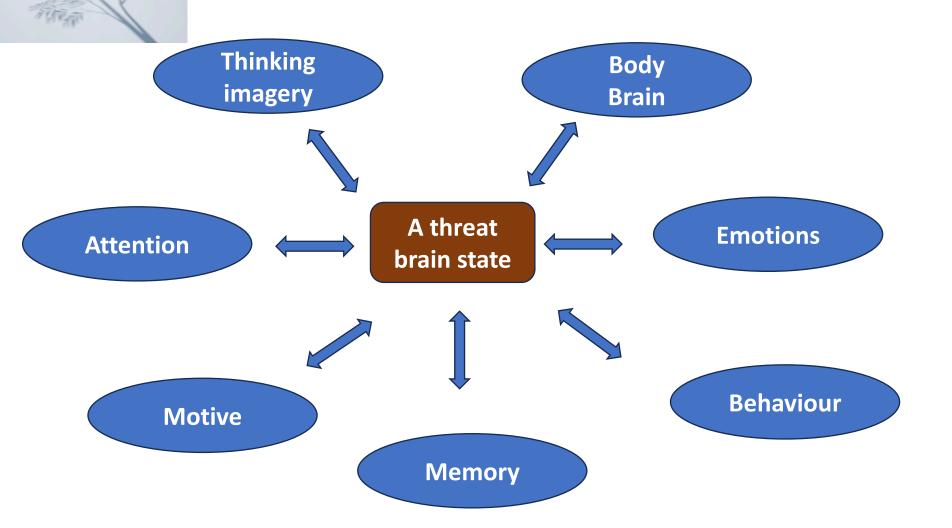
**Brain State Theory** 

The need to be needed/valued/wanted



Depression: From psychology to brain state (1984)

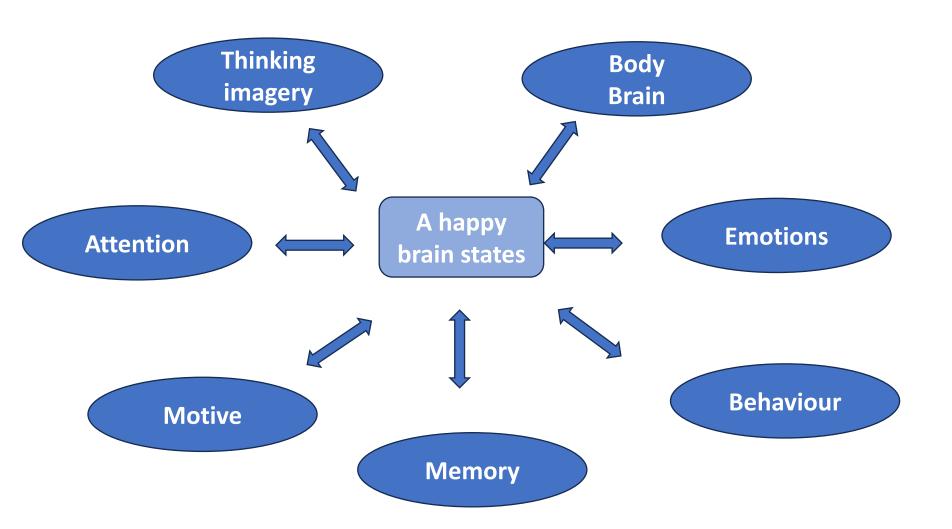
## **CFT** is a Brain State Approach



Notice how a brain state such as a threat brain state is associated with what we are paying attention to, how we are thinking, what is happening to our emotions, what we want to do (motives), things we might be remembering etc

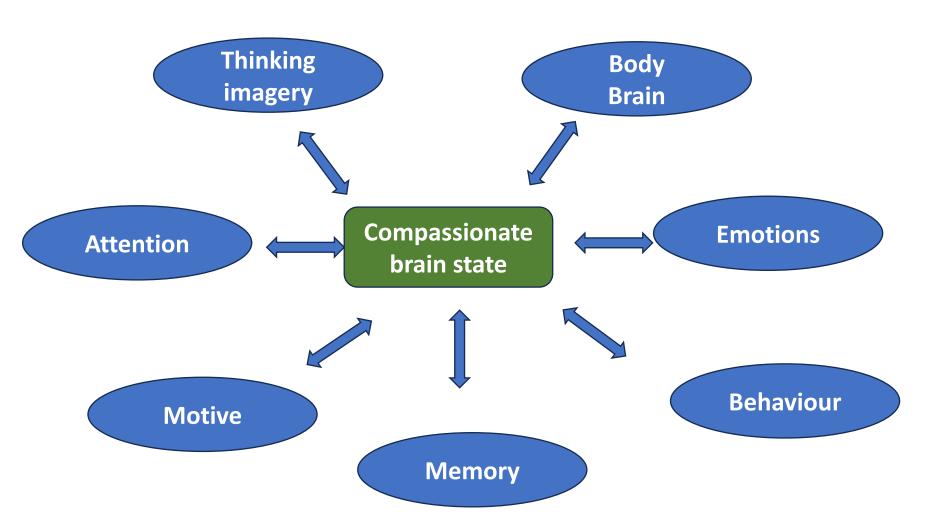
That brain state therefore represents an organisation and pattern of these processes





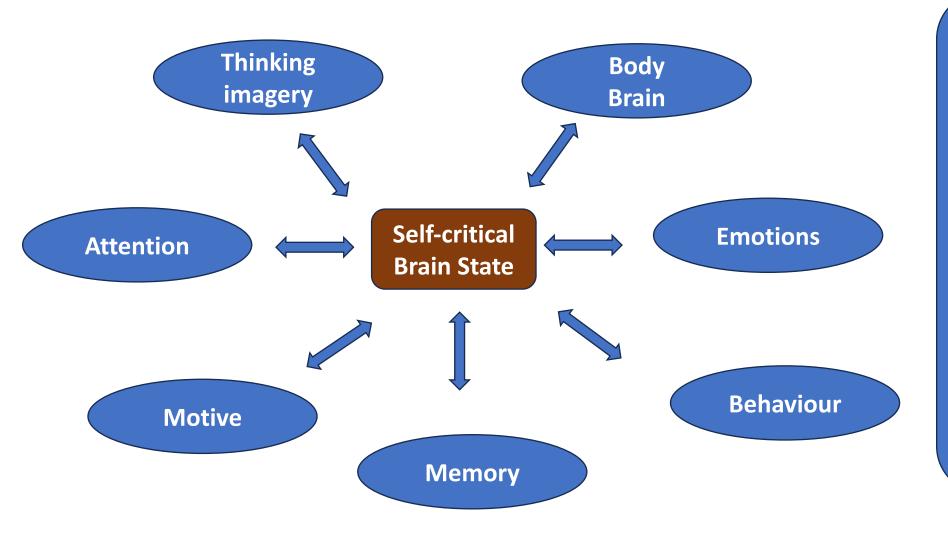
Notice how a happy brain state compares to a threat brain state.

It has a different focus for:
our attention our thinking, our emotions, our motives and our behaviours



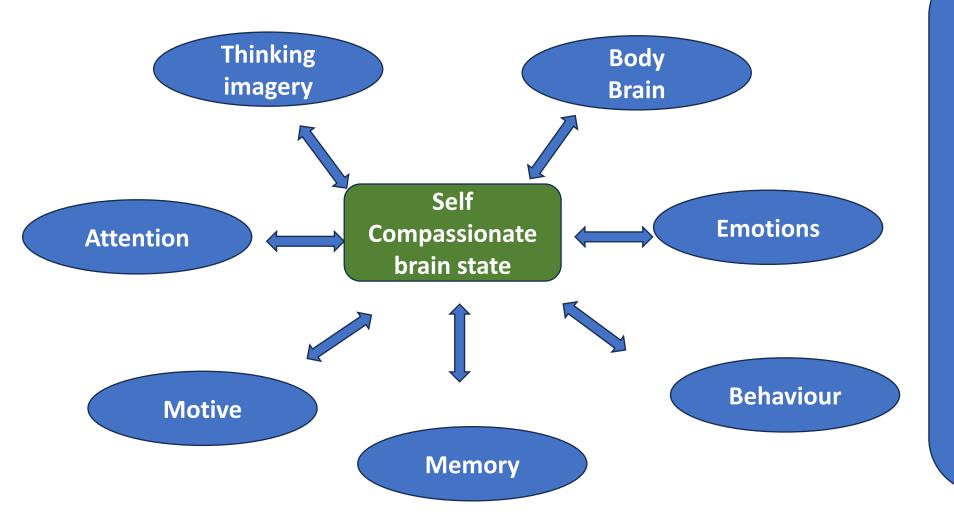
If we are in, or moving towards a compassionate brain state then we can see this will affect

our attention our thinking, our emotions, our motives and our behaviours



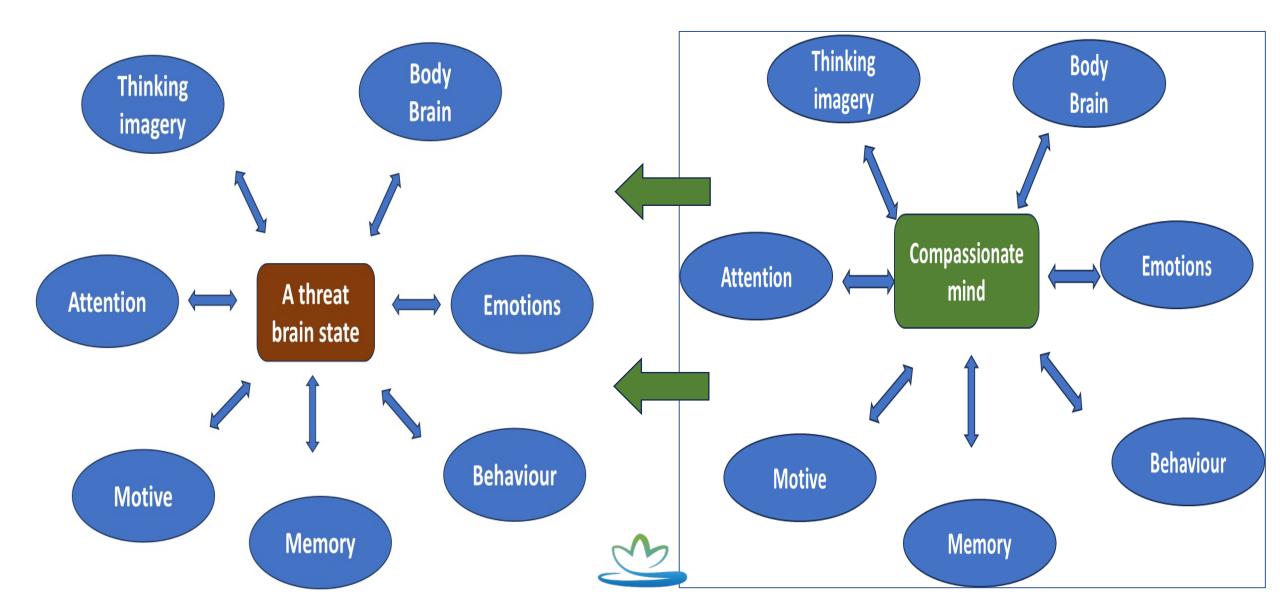
If in contrast if we are in a harsh and hostile self-critical brain state then

our attention, our thinking, our emotions, our motives our behaviours



When we find ourselves into a harsh self-critical state maybe because we have failed at something we might decide that switching to a more courageous and wise compassionate brain state would be more helpful to us and to do that we were changed our attention the way we think and our behaviour towards ourselves

# By learning to stimulate and activate our compassionate brain state we can use it to work with other brain states



**Biopsychosocial Multiple contexts** Thinking Body Body **Thinking** imagery Brain Brain imagery Compassionate **Emotions** Attention Multiple contexts **Multiple contexts** mind A threat Attention **Emotions** brain state Behaviour Behaviour Motive Motive Memory Memory **Multiple contexts Biopsychosocial** 





Familiarising clients with brain state and brain state switching

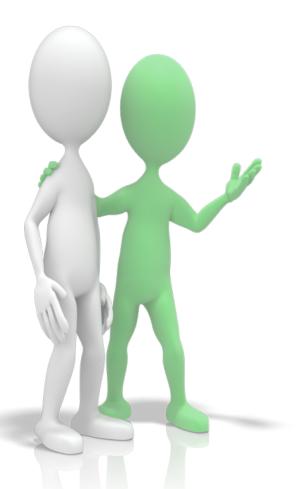




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# How can compassion help our body and brain and why and how to cultivate it



So now that we have seen that basically our brains create all kinds of patterns and we become conscious of those patterns and have emotions and feelings

Getting to understand how these patterns are generated and how we can change them is part of what we do in compassionate mind training

We are now going to do some personal explorations on how our minds create different patterns and brain states within us. We are going to ask you to imagine certain scenarios and see what happens in your body when you do





# How our motives and mental states affect our brain and bodies

### **Scenario 1**

You have a *small* worry. nothing too major but for moment just bring that worry to mind and focus on it

### Scenario 2

you. Bring that annoyance to mind and how you want to get your own back

### **Scenario 3**

Tomorrow you are going on holiday that you have been planning for a while and really looking forward to it

### Scenario 4

Maybe something you saw on television has stimulated some erotic fantasies



### **Brain and Body**

Now pull out of the imagery and observe your attention and your thoughts

What are you feeling?

What is happening in your body?



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### **Brain and Body**

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What is happening in your body?



### **Brain and Body**

Now pull out of the imagery and observe your attention and your thoughts?

What are you feeling?

What is happening in your body?

## What we focus on affects our brain and bodies

#### Scenario 1

You have a *small* worry.
nothing too major but
for moment just bring
that worry to mind and
focus on it

#### Scenario 2

Someone has annoyed you and you are going over the annoyance and how you want to get your own back

#### **Scenario 3**

Tomorrow you are going on holiday that you have been planning for a while and really looking forward to it

#### Scenario 4

Maybe something you saw on television has stimulated some erotic fantasies









Did you notice your ability to switch brain states by your focus?

CFT is about helping people to switch brain states, because when we switch brain states we can change a lot of processes at once, including our physiology

## What we focus on affects our brain and bodies

#### Scenario 1

You have a *small* worry. nothing too major but for moment just bring that worry to mind and focus on it

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Someone has annoyed you and you are going over the annoyance and how you want to get your own back

#### Scenario 3

**Tomorrow you are going** on holiday that you have been planning for a while and really looking forward to it

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Maybe something you saw on television has stimulated some erotic fantasies







, your focus?

Why is vo.

Because You are tapping specific social mentalities

Why is vo.

Because You are tapping systems underpinning with psychophysiological systems underpinning \_\_\_ay it does to these images?

**CFT** is about helping po

ain states, because when we switch brain states we change a lot of processes at once, including our physiology



# How can compassion help our body and brain and why should we try to cultivate it?

### **Compassion 1**

You were worried or upset about something and you talked to a friend and they were really helpful so you are just reflecting on how helpful your friend was



#### **Brain and Body**

Now pull out of the imagery and observe

Where is your attention and your thoughts?

What are you feeling?

What is happening in your body?

#### **Compassion 2**

A friend of yours was worried or upset and you were able to help them and you are reflecting feelings of pleasure because you could help them



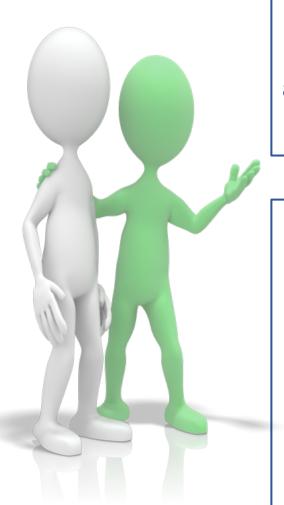
#### **Brain and Body**

Now pull out of the imagery and observe

Where is your attention and your thoughts?

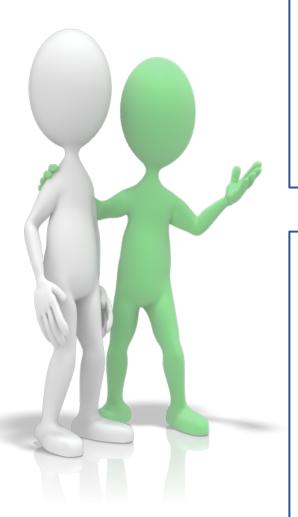
What are you feeling?

What is happening in your body?





# How can compassion help our body and brain and why should we try to cultivate it?



#### **Compassion 1**

You were worried or upset about something and you talked to a friend and they were really helpful so you are just reflecting on how helpful your friend was

#### **Compassion 2**

A friend of yours was worried or upset and you were able to help them and you are reflecting feelings of pleasure because you could help them





So, we can notice that when we have a compassionate motivation focus, it can change our brain and body state -

It will have an impact on other potential brain states (like threat)

However, sometimes for various reasons we can struggle to activate these 'compassion' brain states, which is why compassionate mind training can be difficult



# How can compassion help our body and brain and why should we try to cultivate it?



You were worried or upset about something and you talked to a friend and they were really helpful so you are just reflecting on how helpful your friend was

#### **Compassion 2**

A friend of yours was worried or upset and you were able to help them and you are reflecting feelings of pleasure because you could help them



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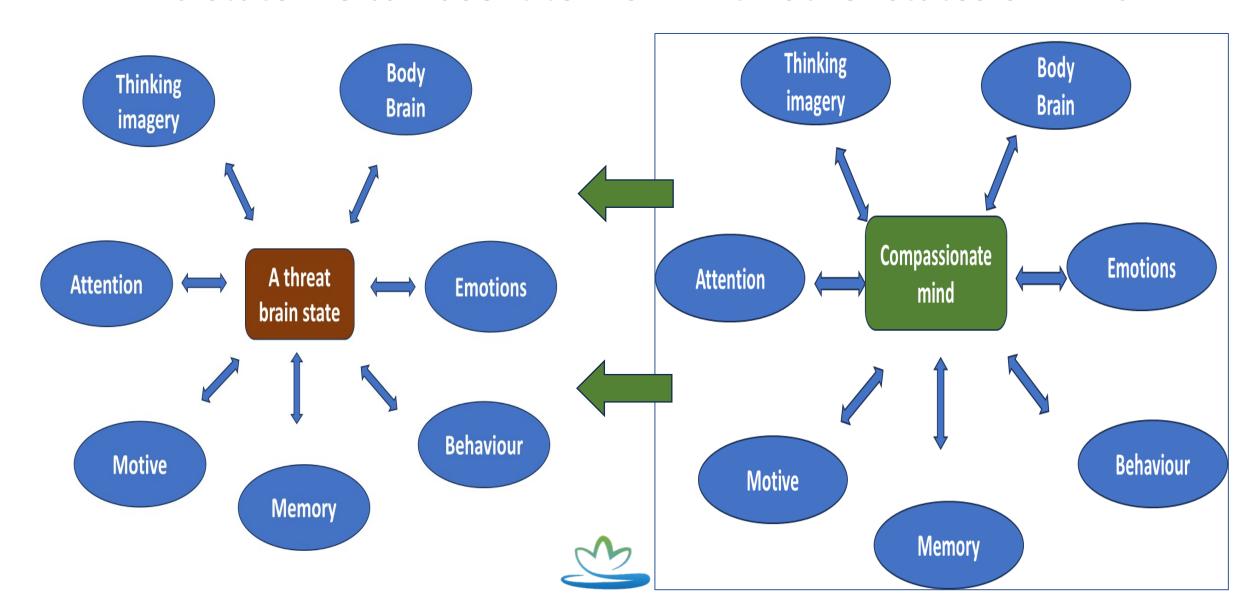
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However, Jometimes for various reasons we can struggle to activate these 'compassion' brain states, which is why compassionate mind training can be difficult

# By learning to stimulate and activate our compassionate brain and mind state we can use it to work with other states of mind







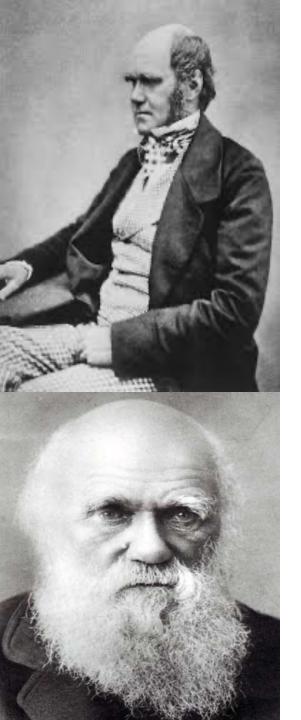
### **Evolution Builds Brains and Bodies**





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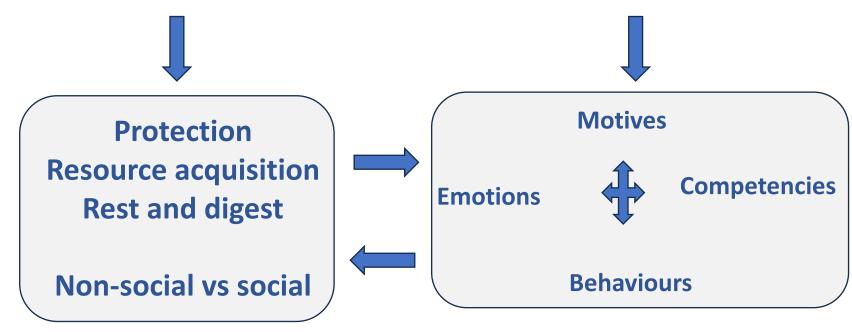


# Mind: Where from and how built?

Charles Robert Darwin, 12 February 1809 – 19 April 1882

The process of change via natural selection from the challenges of survival and reproduction -

The three challenges of life and the four functions of mind





## The reality of biological beings

All living things are created by DNA --with forms that facilitate survival and reproduction -- no ultimate meaning -

Buddha -- endless cycle of birth and decay and death from which we seek to escape the cycle of rebirth

We did not choose to come into existence -- our brains and bodies are built for us not by us

To address suffering requires us to address the causes of suffering that arises from being a DNA created life forms -- develop ethical responsibility

Like other animals we can only live as gene-built, socially shaped, unchosen versions until we develop mindful awareness plus scientific awareness

Live to be helpful not harmful to self and others

Life Tasks

Basic Motives and Needs

1. Harm avoidance, 2. Acquiring, 3.

Resting

## **Emotions**

Serve and guide motives.

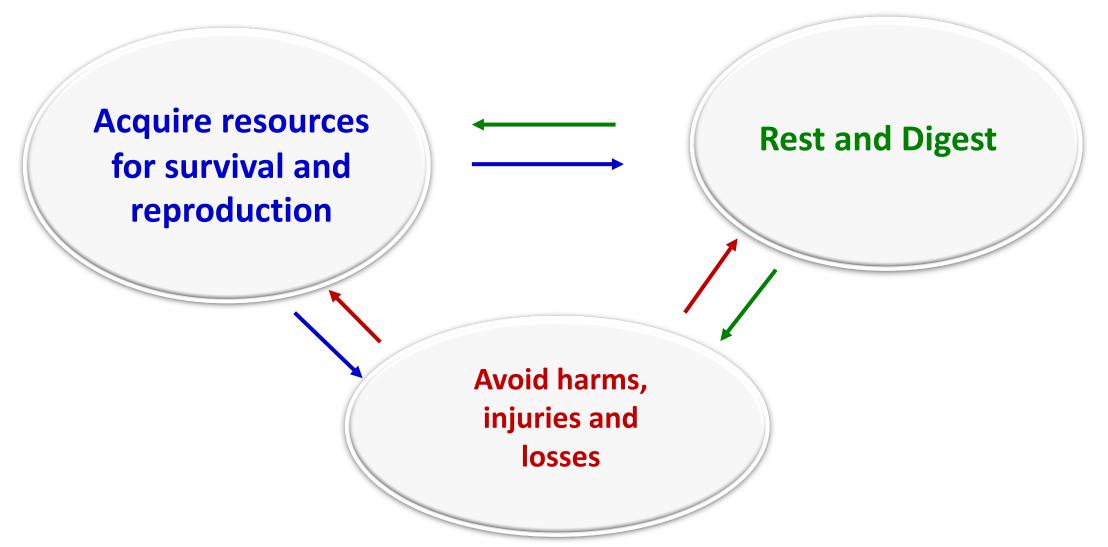
Create body states for attention and actions.

Send and responding to (social) signals

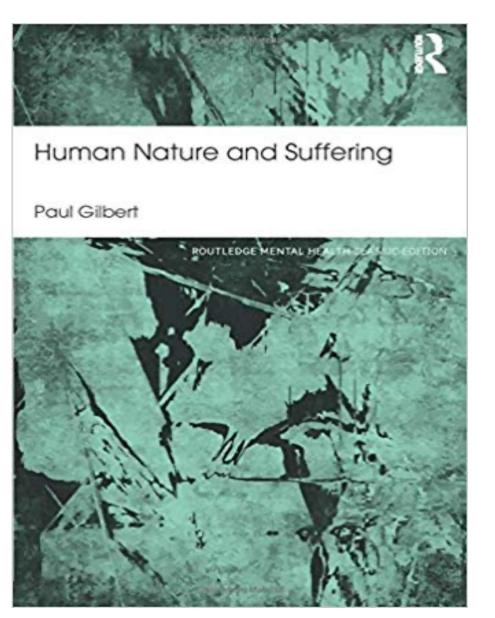
**Drive** Rest

**Threat** 

## The three life tasks and motives







1989/2016

# **Basic Social Motives: Social Mentalities**

Care giving - Care seeking Cooperating - Competing Sexuality

Safe Helpful Competent Unsafe -threat
Unhelpful
Incompetent

Guilt evolve from care motive

Shame evolved from rank and competitive motive

Life Tasks

Basic Motives and Needs
1. Harm avoidance, 2. Acquiring, 3.
Resting

Social Mentalities (e.g.)
Caring, cooperating, competing, sexual

### **Emotions**

Serve and guide motives.

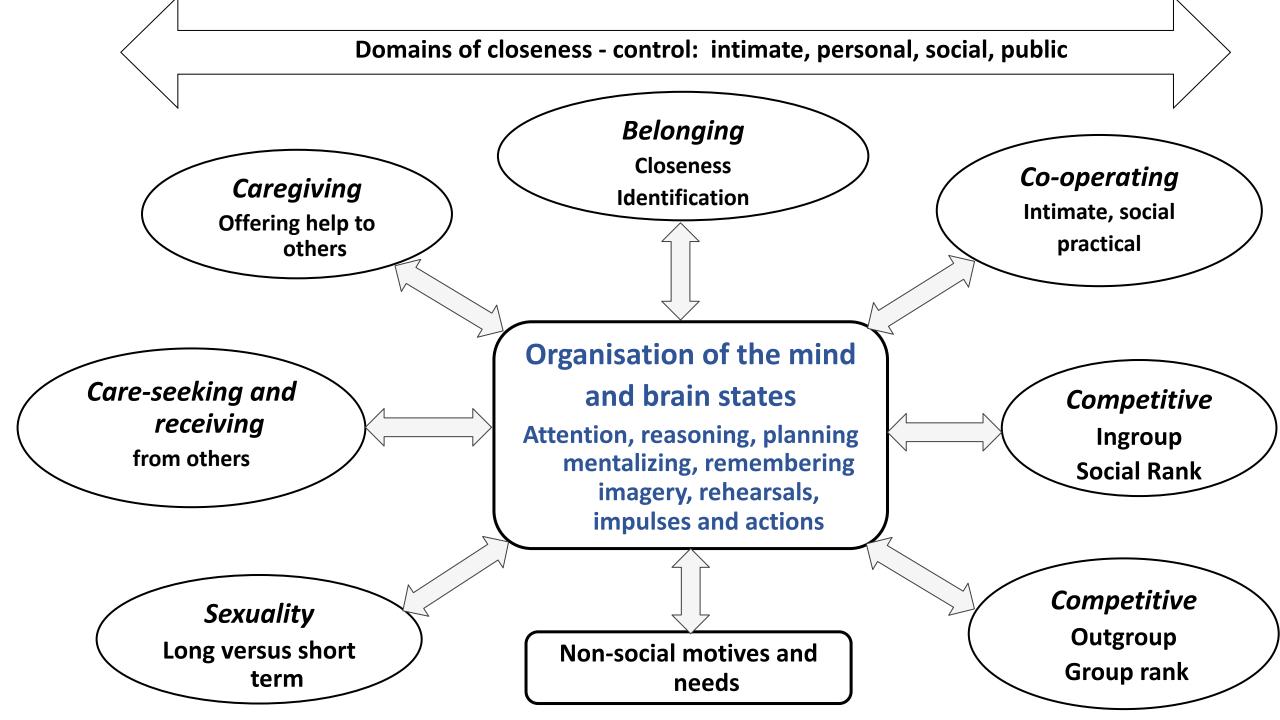
Create body states for attention and actions.

Send and responding to (social) signals

**Drive** Rest

**Threat** 

Our different social motivations and relation forming abilities (social mentalities) can be once which are harmful joyful and soothing -- hence they are major regulators of our emotion systems and brain states



### Life Tasks

Basic Motives and Needs
1. Harm avoidance, 2. Acquiring, 3.
Resting

Social Mentalities (e.g.)
Caring cooperating, competing, sexual

## **Emotions**

Serve and guide motives.

Create body states for attention and actions.

Send and responding to (social) signals

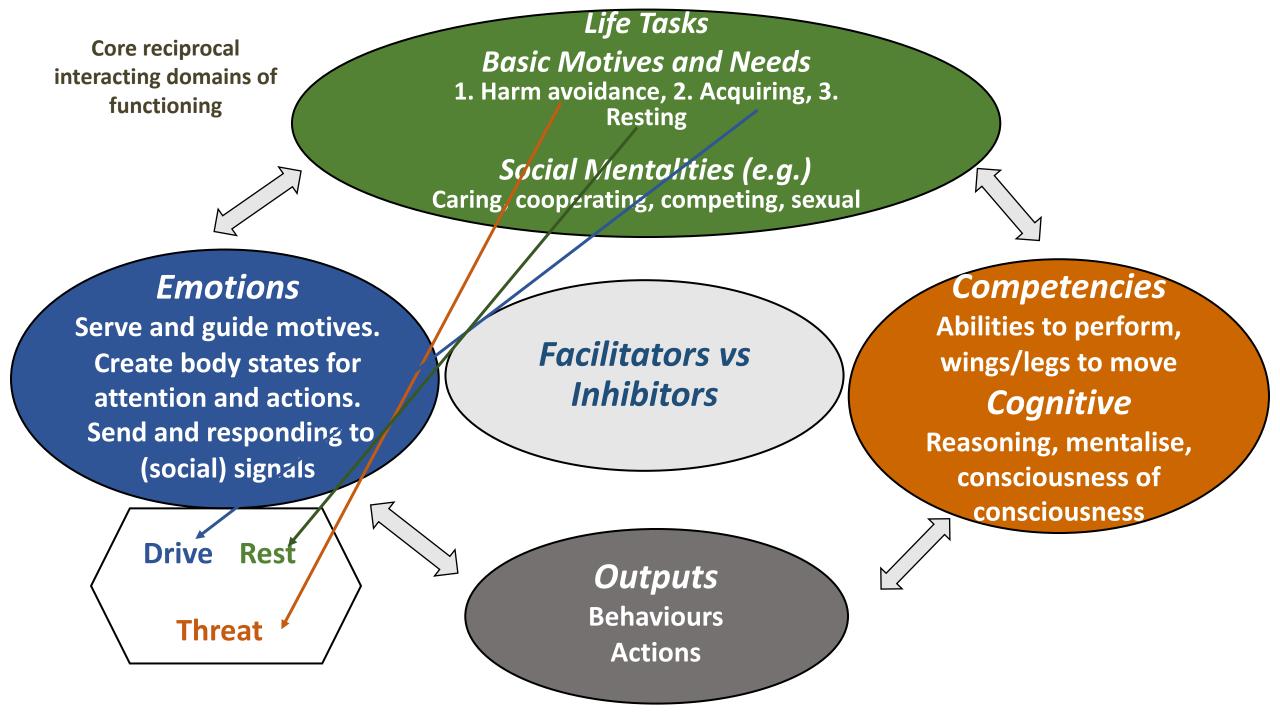
Drive Rest

**Threat** 

## Competencies

Abilities to perform, wings/legs to move *Cognitive* 

Reasoning, mentalise, consciousness of consciousness



### Life Tasks

Basic Motives and Needs
1. Harm avoidance, 2. Acquiring, 3.
Resting

Social Mentalities (e.g.)
Caring cooperating, competing, sexual

### **Emotions**

Serve and guide motives.

Create body states for attention and actions.

Send and responding to (social) signals

Drive Rest

**Threat** 

Relate to
Trauma and
context?

Outputs
Behaviours
Actions

Competencies
Abilities to perform,
wings/legs to move
Cognitive

Reasoning, mentalise, consciousness of consciousness

Life Tasks

Basic Motives and Needs

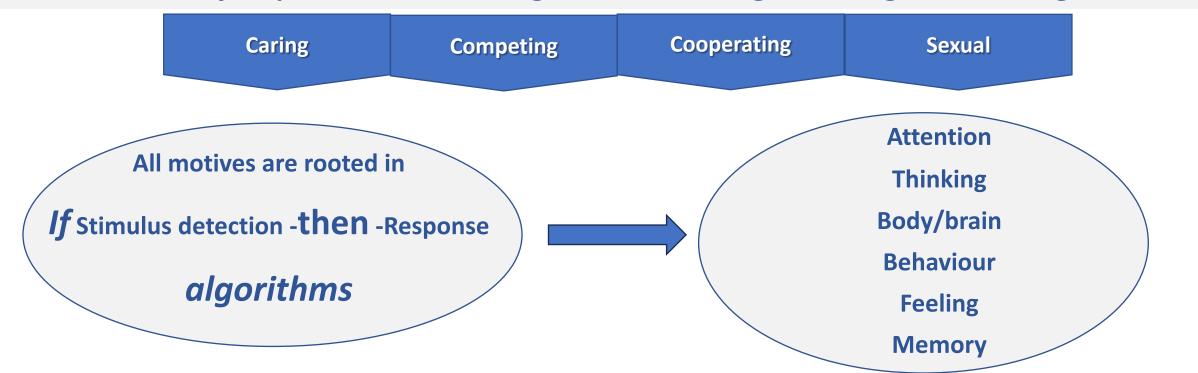
1. Harm avoidance, 2. Acquiring, 3.

Resting

Social Mentalities (e.g.)
Caring, cooperating, competing, sexual

Motives are evolved guidance systems that organise the mind to pursue biosocial goals (Gilbert 1989)

Not just passive and reacting but also seeking - wanting and needing



Life Tasks

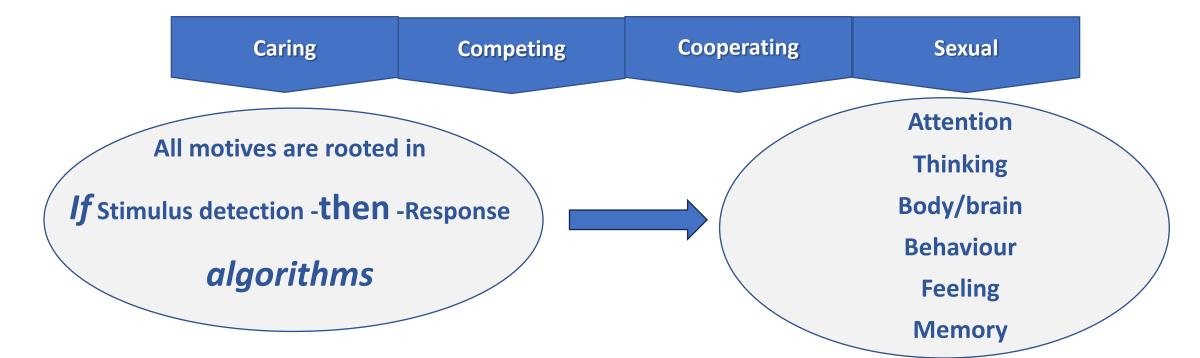
Basic Motives and Needs

1. Harm avoidance, 2. Acquiring, 3.

Resting

Social Mentalities (e.g.)
Caring, cooperating, competing, sexual

What are the interpersonal motives (social mentalities) your client coming to therapy
Motives are often multiple and can be in conflict with each other
May not always be consciously available -- mind mapping - and basic skill noted before



# **Multiplicity of Mind**

**Emotion** Motive Attention **Thinking** Body Action Memory Settle/grow

All mental phenomena can be understood in terms of their multiple components

Multiple components are what make up brain states

How will this help you as a therapist?

You're working with the content of minds

# Discovering our internal relationships to social mentalities and multi-mind

We are multi minded

Have both conscious and nonconscious processes

**Underpins dilemmas and conflicts** 

Brain states as patterns that require differentiation - 'part of me' is actually different mini-brain systems

**Crucial to understand tricky brain** 



Discovering our internal relationships about social mentalities and multi-mind

We are multi minded

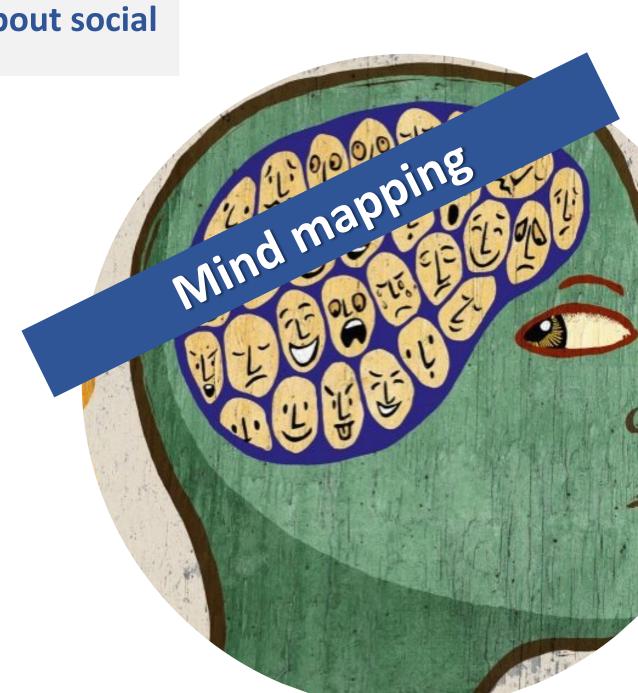
Have both conscious and nonconscious processes and potentials

**Underpins dilemmas and conflicts** 

Brain states as patterns that require differentiation - 'part of me' is actually different mini-brain systems

**Crucial to understand tricky brain** 

Monkey mind as restless at times chaotic



# CFT and cross-approach processes and examples of interventions used in CFT; Hence a compassion focused approach

Basic micro skills. Open vs closed questions, paraphrasing, summarising, reflecting, nonverbal communication, pacing, the therapeutic relationship, alliance building, motivational interviewing, use of silence.

Therapy Process. Collaboration, Socratic dialogues and guided discovery, personal meaning, shared formulation and model, shared therapy aims inference chains – (bottom line/catastrophe/major fear/threat), functional analysis, chaining analysis, looping, mind mapping, reframing, developing emotional tolerance, maturation, empathic connections, diagraming, exposure, boundaries enacting (becoming).

Change through guided practice. Behavioral experiments, mindfulness, guided imagery, expressive writing, generating alternative thoughts *and* independent out-of-session practice - to name a few!

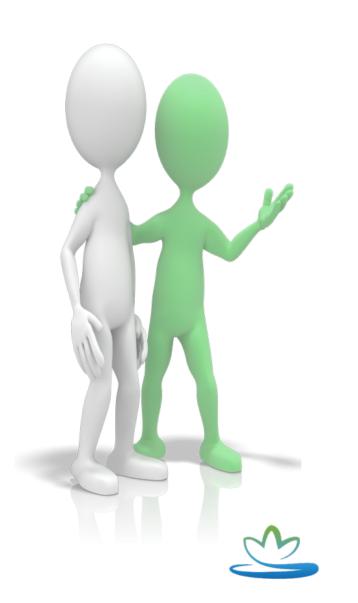
But what are the motives?



## CFT - cross-approach processes and seven functions of therapy

**Awareness Differentiation** What? **Tolerance But what** Why? **Integration** are the motives? How? **Cultivation Transformation Adaptation** 

# Our brains are built to have these different processes going on in us We can learn to notice them and work with them





**Thoughts Emotions Behaviour Motives Actions** 

My body is helping to create and respond to these things too

**Awareness** 

**Differentiation** 

**Tolerance** 

**Integration** 

**Cultivation** 

**Transformation** 

**Adaptation** 



# Compassion can be defined in many ways but in CFT the focus is as a basic social motive with an S-R algorithm

A sensitivity to the suffering/distress of self and others with a commitment to try to alleviate and prevent it

- If Stimulus detection then engagement
  - To approach, understand and (how to) engage with suffering/distress - looking into its causes
- Then plan and take action
  - To work to alleviate and prevent suffering/distress work to acquire wisdom and skills

Each require courage and wisdom
Courage without wisdom could be reckless
Wisdom without courage can be ineffective
Without commitment nothing may happen





Compassion can be defined in many ways but in CFT the focus is as a basic motive with an S-R algorithm

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Each require courage and wisdom

Courage without wisdom could be reckless

Wisdom without courage can be ineffective

Guided discovery of the nature and causes of suffering

Cultivating appropriate responses and actions with courage and wisdom



# Helping clients recognise their intuitive compassion wisdom: Perspective shifting

Invite client to give their views of compassion and what they like don't like or think would be difficult for them .

Suggest they have an intuitive wisdom that might be slightly different to to their thought and invite them for a guided discovery

Invite them to bring to mind a friend that they really like. This is called priming

Ask them to imagine their friend phoning because they are very anxious about needing to go to hospital for a relatively minor operation - they are hospital phobic.

Then use a series of guided Socratic questions

- 1. What would go through your mind?
- 2. How would you be with your friend?
- 3. What would you want to do -- and why



Very upset this has happened



We attend, listen and try to understand.
We are sensitive to their suffering

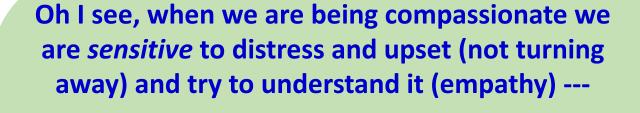
We then when we know what the issue is try to work out ways to be helpful Can be many ways

Help client recognise they have this wisdom in them already

you may note that they were very empathic or accepting and non critical

You may ask them "if you had this kind of problem would you be that way with yourself "

explain that this is how the therapy will unfold in terms of being sensitive and trying to understand the nature of their distress and then working out what with them will be helpful



then we try to work out how to be helpful.

Sometimes these are difficult and we need courage and wisdom to engage with suffering and act

Compassion is: being sensitive to suffering in self and others and trying to alleviate and prevent it







# **Evolving motivation** to care





### Prof Paul Gilbert, FBPsS, OBE

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We have evolved human needs for brain and self development which if unmet causes serious mental health problems

#### Different motivational differences

BEHAVIORAL AND BRAIN SCIENCES (2005) 28, 313–395

Printed in the United States of America

A neurobehavioral model of affiliative bonding: Implications for conceptualizing a human trait of affiliation

Richard A. Depue and Jeannine V. Morrone-Strupinsky

Laboratory of Neurobiology of Temperament and Personality, Department of Human Development, Cornell University, Ithaca, NY 14853.

rad5@cornell.edu jvm1@cornell.edu

Affiliation is a dimension related to positive affect associated with communion, social closeness, warm and affectionate bonding

Agency reflects the more competitive, achievement orientated outcomes with concerns with assertiveness and social rank

### **Evolved motives have stimulus-response algorithms (if A then do B)**

if predator then activate arousal and run/hide

if food then approach salivate and eat-digest

if reproduction then approach and court

if threaten by other then go down and submit

if (infant) distressed/needing then act to alleviate









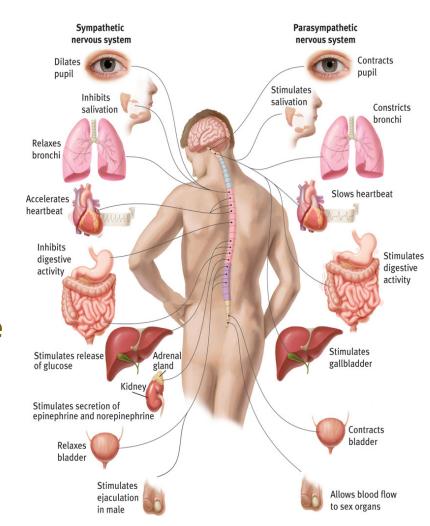


# **Sexuality**



The evolution of sexual behaviour created a range of feature detectors with (neuro)physiological systems (e.g., androgens ANS) that when activated organise the mind, to pay attention, process and engage behaviours to seek out and engage in opportunities for reproduction

Compassion training helps people engage helpfully not harmfully

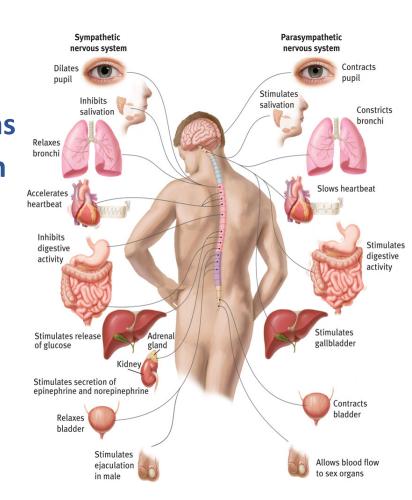


#### **Social Competition**

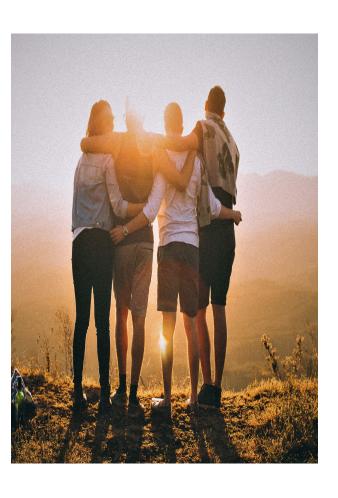


The evolution of competive/ranking behaviour created a range of feature detectors with (neuro)physiological systems (e.g., androgens, amygdala ANS) that when activated organise the mind to pay attention, process and engage behaviours to gain control and to hold resources and access to resources -- or respond to threat for more powerful others

Compassion training helps people engage helpfully not harmfully

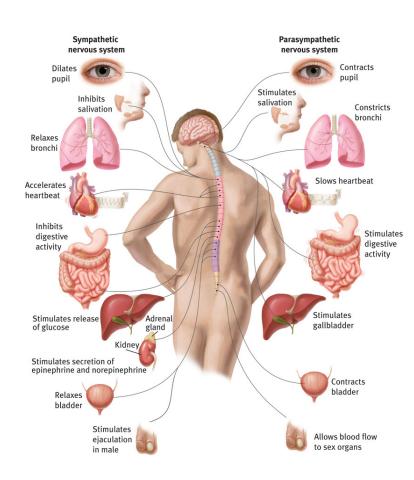


#### **Attachment and Affiliation**

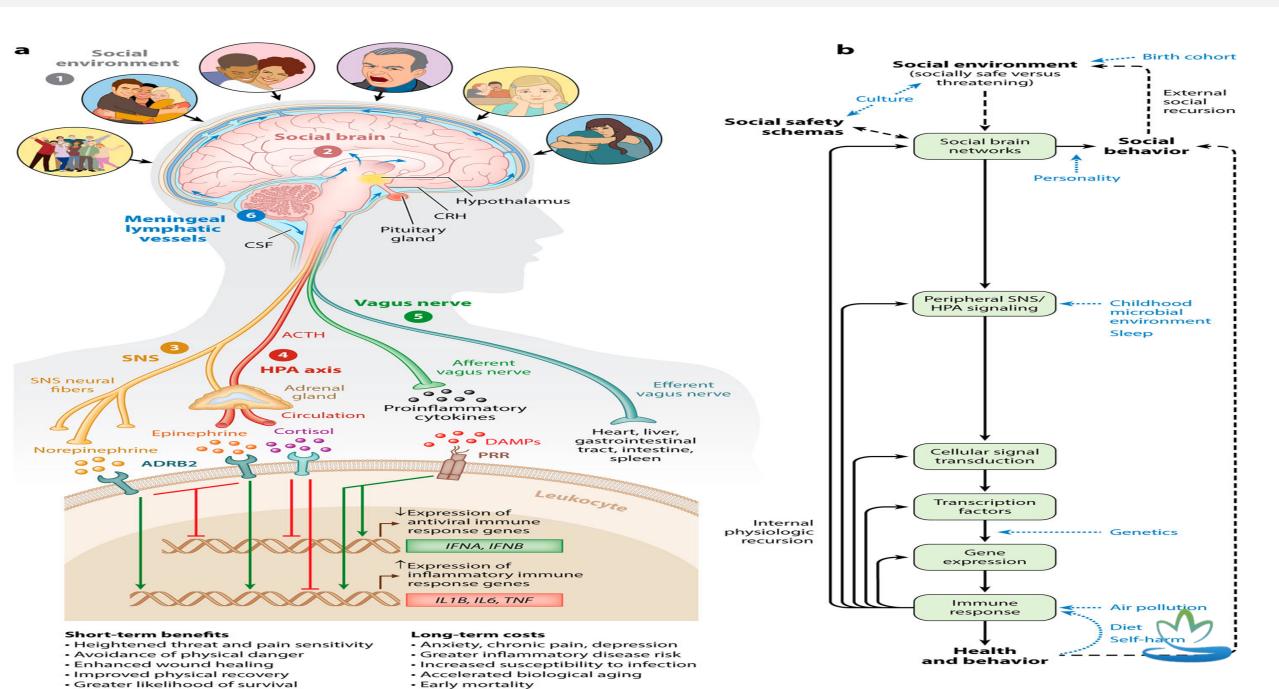


The evolution of attachment and affiliative behaviour created a range of feature detectors with (neuro)physiological systems (e.g., oxytocin, vagus nerve, frontal cortex) that when activated organise the mind, to pay attention, process and engage behaviours to address suffering, regulate threat processing and promote prosociality and well-being to self and others

Compassion training stimulates and 'strengthens' these faculties and qualities of mind



#### Recent example of biopsychosocial approaches to physical and mental health



#### Social mentalities have to Co evolve

Co-evolve psychophysiological mechanisms to detect, analysis (threat vs opportunity) and respond to a social signal

#### And

Can want, seek out and send social signals to stimulate the mind of the other in a role relation

Dynamic, reciprocal relating

**Basis of self-to-self relating** 







#### Social mentalities have to co evolve - that creates social contexts

- Contextual analysis therefore can be rooted in the process of co-evolution
- It is co-evolution that creates contexts for social relating -and the brain states created in the process
- In addition, relationships co-create interacting brain states moment by moment -- a mind(s) is the context for another mind(s) - Over time they can co-shape each other

CFT highlights the importance of co creating brain states via But relationships -- that can include internal self to self forms of relating



### Social mentalities have to co-evolve relationships to co-regulate minds and bodies

### Mistakes happen



# If A then do B – Evolution builds them with physiological systems and pathways

- Consider the feature detectors and physiological systems for threat
- Consider the feature detectors and physiological systems for sexuality
- Consider the feature detectors and physiological systems for competitiveness
- Consider the feature detectors and physiological systems for caring







### Social mentalities have to co-evolve relationships to co-regulate minds and bodies



For caregiving to evolve there needs to be an evolution of a motive-desire to care and behave with care

In the recipient there needs to be evolved motives to seek care and a brain-body that responds to signal of caring



Evolution of sending and receiving evolve together
Algorithm If A then Do B

### Social mentalities have to co-evolve relationships to co-regulate minds and bodies



With the evolution of attachment carers are sensitive to the stress and needs of their infants

and trigger appropriate behaviour: feeding thermal regulation soothing protecting

infant responds to the appropriate signal



Evolution of sending and responding to receiving evolve together
Algorithm If A then Do B

#### Evolved pathways to a mind that is cable of compassion

#### **Context**

Responding to injury

Coming to the rescue

Caring till recovery

#### **Context**

Attachment (genefocused – close)

Multiple dimensions (distress and needs)

Attachment (Bowlby)

#### **Context**

**Birthing supports** 

High relative involvement

**Community caring** 

Hrdy

#### **Context**

**Egalitarian living** 

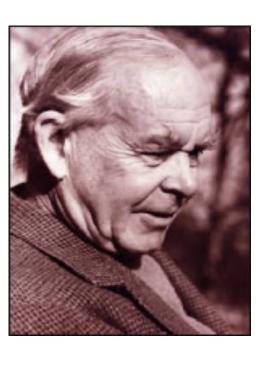
Altruism as an attractive trait Friendships

Hunter gatherer Social Brain

**Dunbar** 

Countering the dark side?
Using our new brain competencies

#### The psychological functions of evolved caring





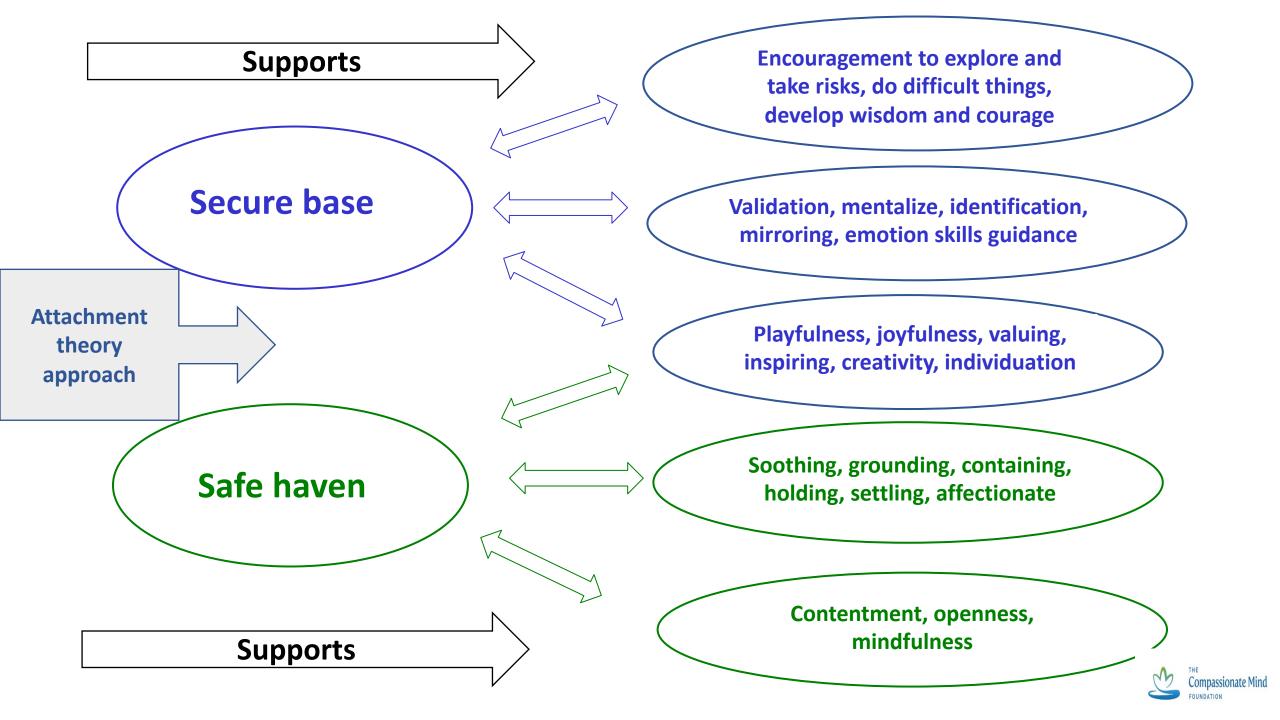
1907-1990

One of the most influential psychiatrists of the modern age

1913-1999

Developed the first classification of attachment style

- Proximity seeking desire closeness, to be with
- Secure base source of security and guidance to go out, explore and develop confidence
- Safe haven source of comfort and emotion regulation
- Social signals are the drivers (social mentality)
- Lack of these in early life can seriously disrupt motivation, emotion and self regulation systems



# Share positive emotions stimulate babies' brains for social relating – drive emotions – joyful play – secure base













#### Threat safety and safeness





Prof Paul Gilbert, FBPsS, OBE

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© 1993 The British Psychological Society

# Defence and safety: Their function in social behaviour and psychopathology

#### Paul Gilbert\*

Department of Clinical Psychology, Pastures Hospital, Masson House, Mickleover, Derhy DE3 5DQ, UK

cent - ..... and the converte defence

Accessibility to helpful others also promotes a sense of safeness (Bailey, 1988; Bailey et al., 1992). Bowlby (1969, 1973, 1980) stressed the role of the accessibility of the parent and the calming effects of parental behaviour in enabling the infant to feel secure and be explorative and confident. Thus, one of the functions of attachment is to provide a 'safe-secure base'. Signals of safeness can also act in an automatic way, are often non-verbal, e.g. proximity to others, facial expression, smiles, signals of respect and so forth. Safe-explorative, infant-parent interaction is facilitated by affectionate, playful, reciprocating interactions where infant and parent are attuned to each other.

Basically it appears that positive affect facilitates a more open explorative orientation and more positive and prosocial behaviour such as caring and sharing. Thus, children growing up in environments that are high in the exchange of signals promoting reassurance, safeness, security, play and positive affect are likely to develop different adaptive strategies and cognitive organizations from those who do not (Bowlby, 1980; Isen, 1990; Rohner, 1986), and probably a different organization of internal defences. Furthermore, positive sociability (relationships marked by high investments and low threat) is associated with happiness and health (Argyle, 1987) and may affect biological processes (e.g. stress hormones and immune system functioning; Henry & Stephens, 1977; Ornstein & Swencionis, 1990).

#### British Journal of clinical psychology 1993/2024

Received: 30 October 2023

Accepted: 18 March 2024

DOI: 10.1111/bjc.12466

#### REVIEW ARTICLE



Threat, safety, safeness and social safeness 30 years on: Fundamental dimensions and distinctions for mental health and well-being

The paper seeks to clarify distinctions between:

- (i) threat detection and response
- (ii) safety and safety seeking
- (iii) safeness and
- (iv) their social and non-social functions and forms via the evolution of the caring social mentality



#### Different threat regulating systems

Direct threat detection and action

Via

Amygdala HPA sympathetic arousal etc.

Fight, flight, freeze submit

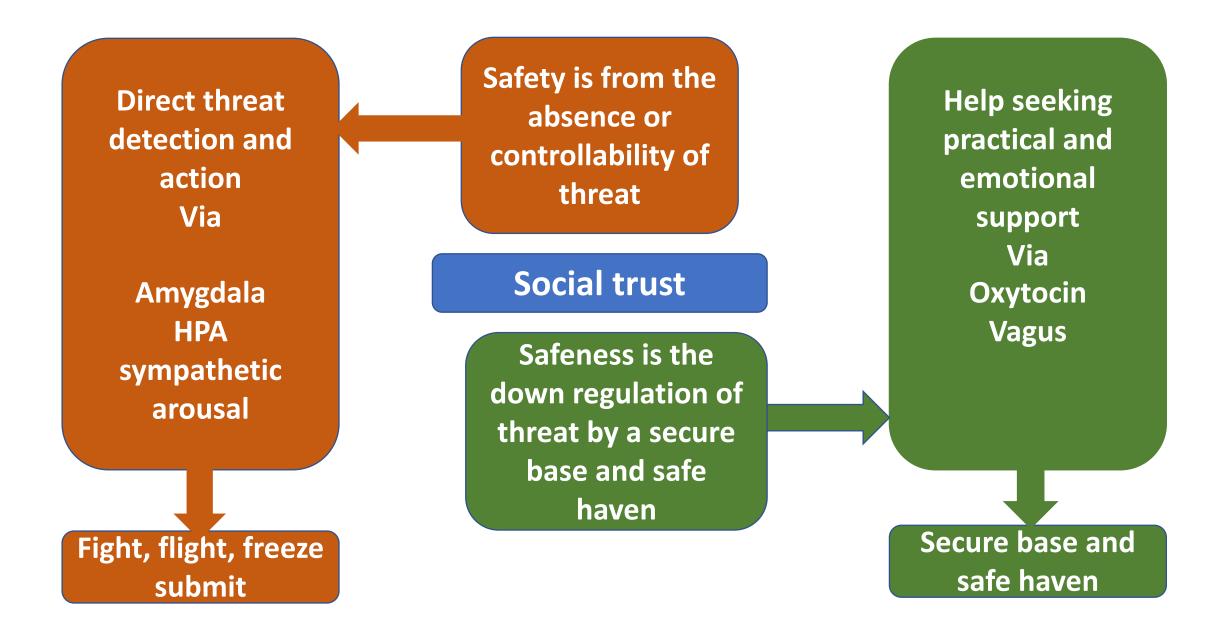
**Acquire skills** and resources to cope or prevent threat/harm **Engagement and** 

practise

Help seeking practical and emotional support
Via
Oxytocin
Vagus etc.

Secure base and safe haven

#### Different threat regulating systems





Social trust increases our preparedness for risk taking and calms us when threatened

#### Different threat regulating systems

Direct threat detection and action

Via

Amygdala HPA sympathetic arousal

Fight, flight, freeze submit

Safety is from the absence or controllability of threat

Maturation of a confident caring self

Safeness is the down regulation of threat by a secure base and safe haven

Help seeking practical and emotional support
Via
Oxytocin
Vagus

Secure base and safe haven

#### Different threat regulating systems

Direct threat detection and action

Via

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Safety is from the absence or controllability of threat

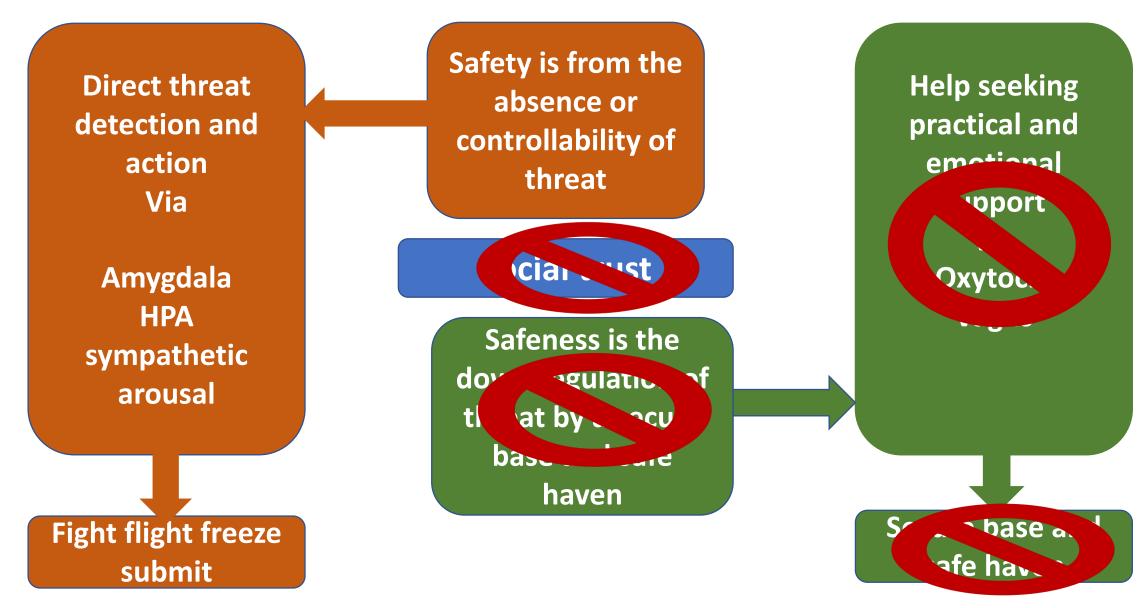
Can Individuals recruit these systems for their own threat regulation?

Safeness is the down regulation of threat by a secure base and safe haven

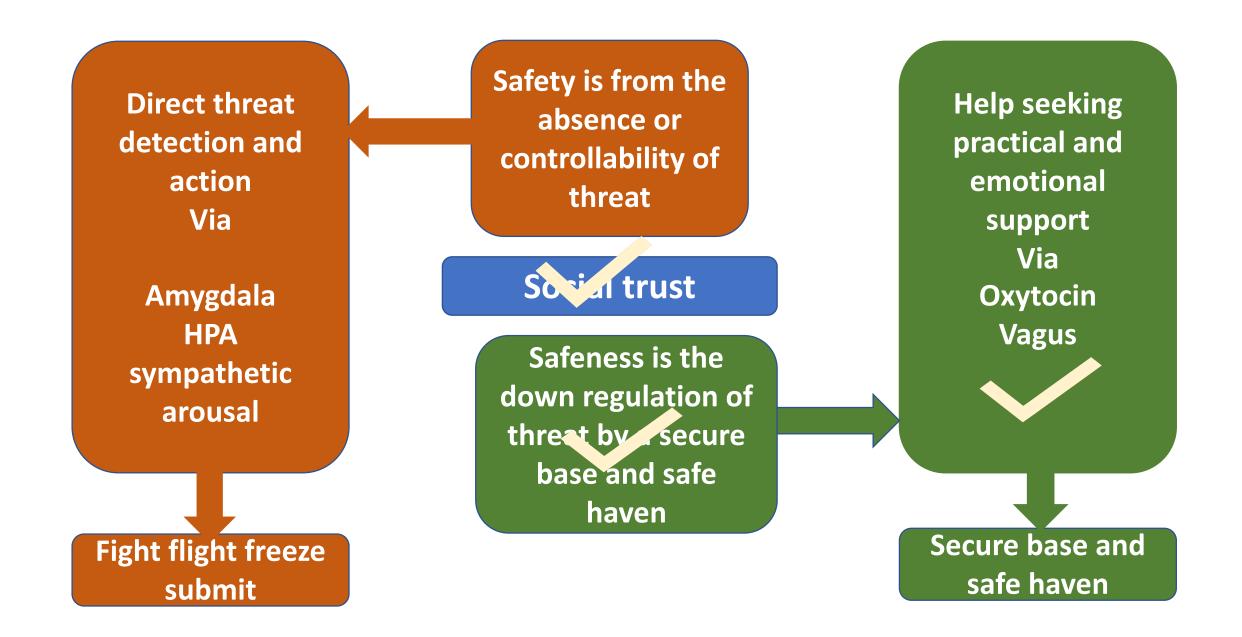
Help seeking practical and emotional support
Via
Oxytocin
Vagus

Secure base and safe haven

# Difficult attachments mean that these systems may not have developed and therefore not be available



#### CFT seeks to repair and cultivate crucial threat regulation systems







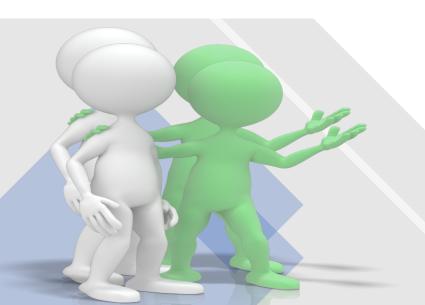
## From Care to Compassion Motivation





Prof Paul Gilbert, FBPsS, OBE

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# Compassion can be defined in many ways but in CFT the focus is as a basic social motive with an S-R algorithm

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Each require courage and wisdom
Courage without wisdom could be reckless
Wisdom without courage can be ineffective
Without commitment nothing may happen





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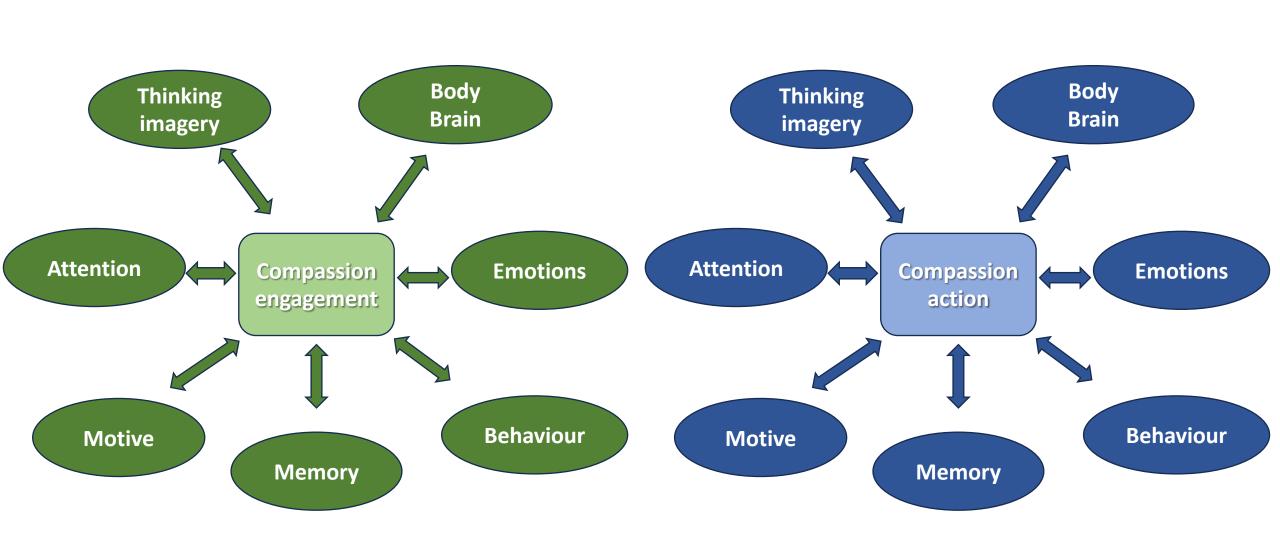
Wisdom without courage can be ineffective

Guided discovery of the nature and causes of suffering

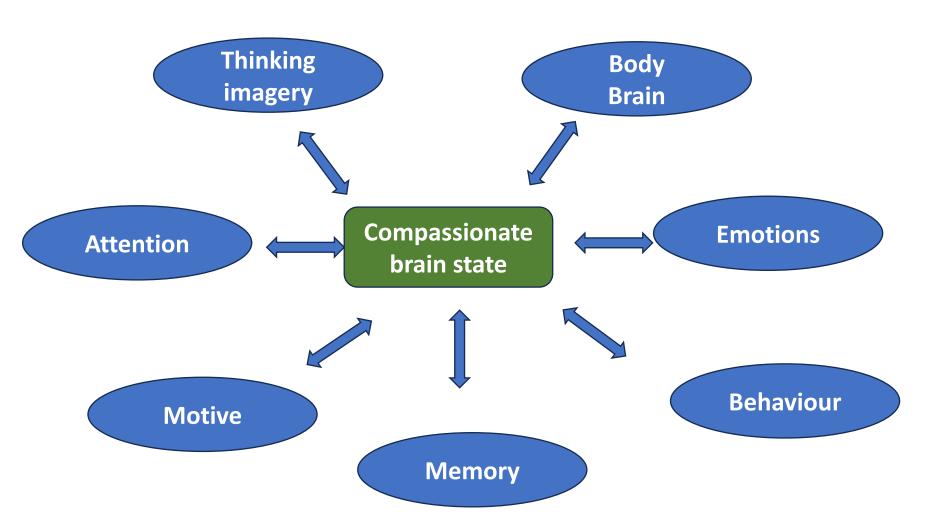
Cultivating appropriate responses and actions with courage and wisdom



## The algorithm approach enables us to consider different patterns of functions creating different brain states

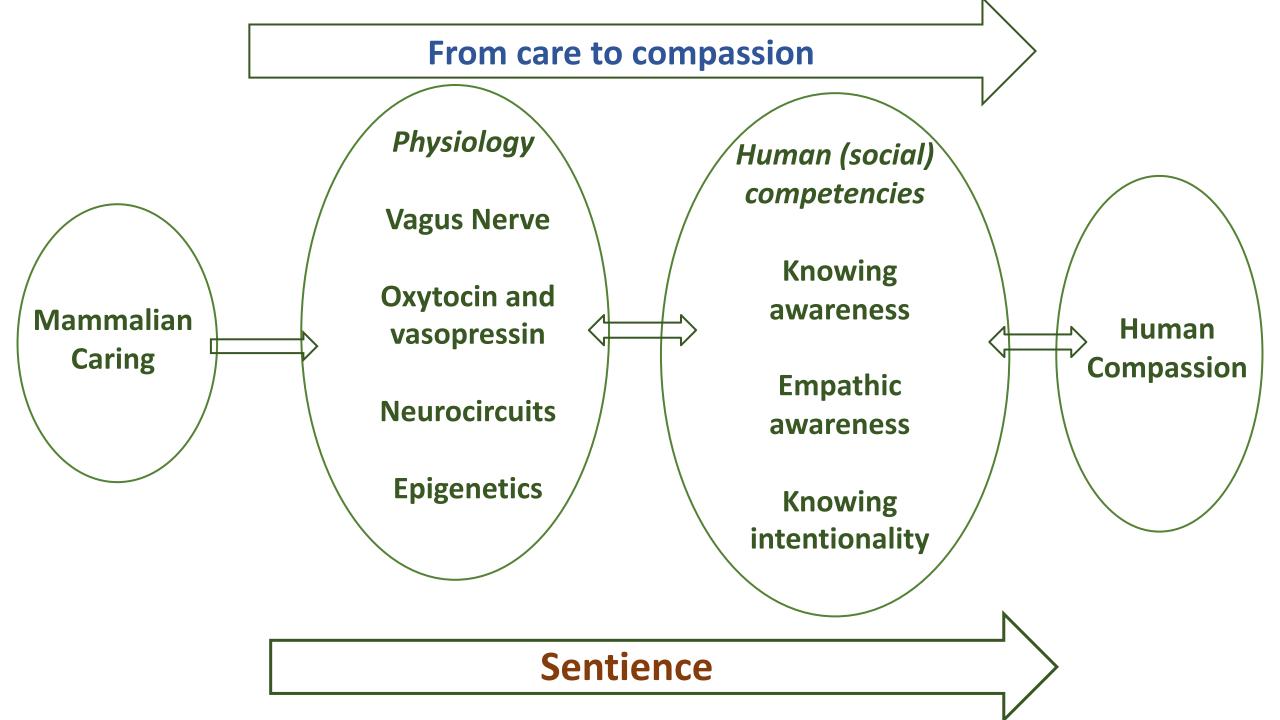


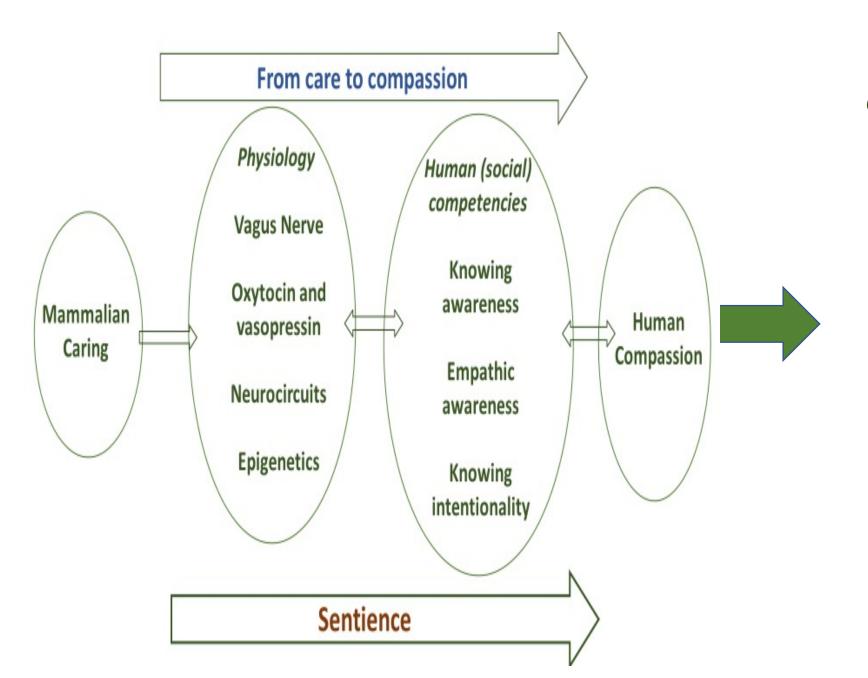
### **CFT** is a Brain State Approach



If we are in, or moving towards a compassionate brain state then we can see this will affect

our attention our thinking, our emotions, our motives and our behaviours

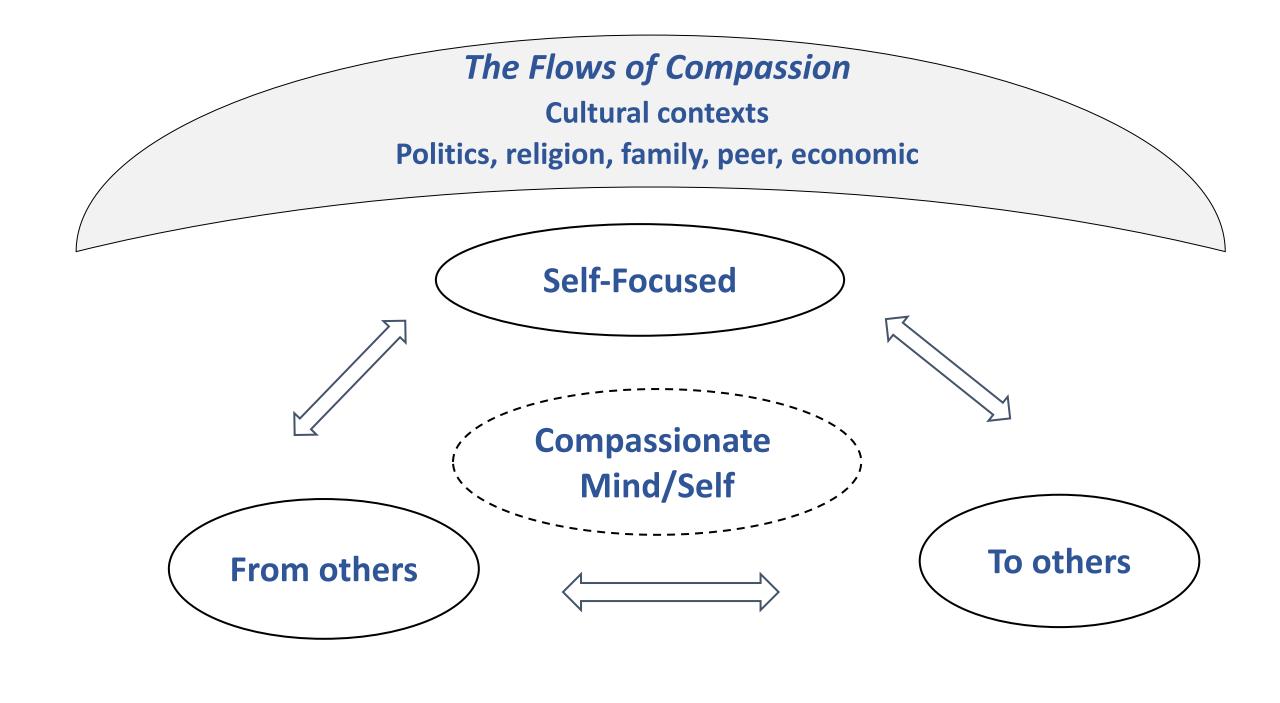




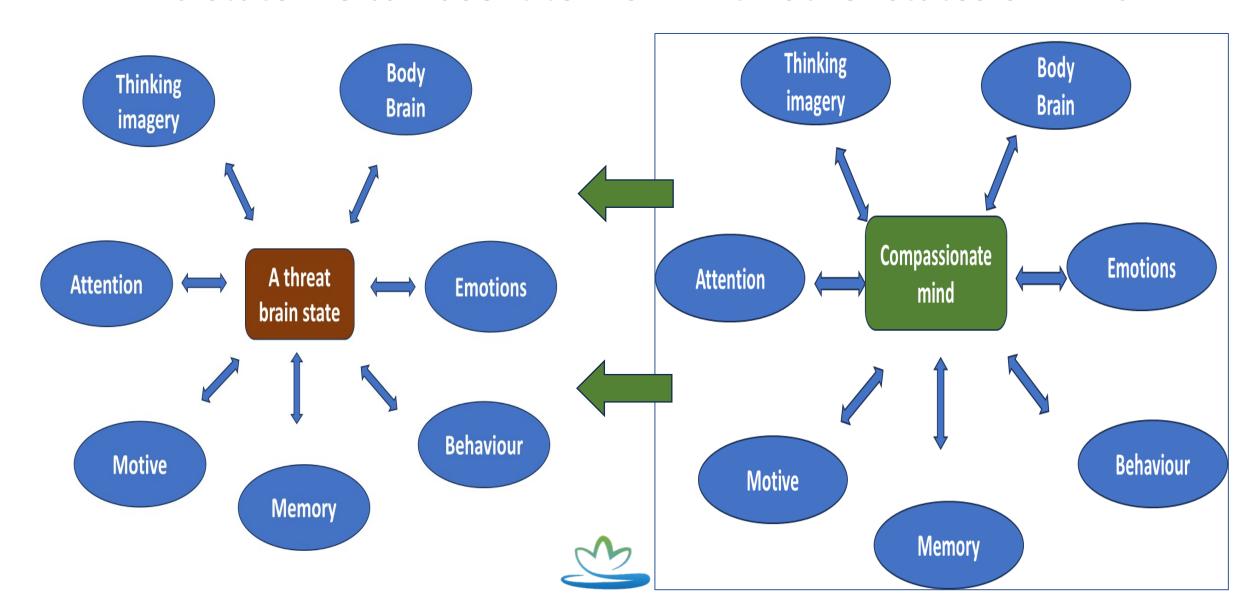
Caring can be automatic, linked to various behavioural programmes and observable in many species

compassion is when we use our new human brain (social) competencies to purposely, empathically and wisely identify suffering and its causes, courageously engage with it, and dedicate ourselves to wisely and courageously work out how to be helpful

compassion emerges from care motives with purposeful knowing intentionality



# By learning to stimulate and activate our compassionate brain and mind state we can use it to work with other states of mind





# Compassion can be defined in many ways but in CFT the focus is as a basic social motive with an S-R algorithm

A sensitivity to the suffering/distress of self and others with a commitment to try to alleviate and prevent it

If Stimulus detection then engagement.

Then

The bodhicitta is the wish that all sentient beings be free of suffering and the causes of suffering

Courage without wisdom could be reckless Wisdom without courage can be ineffective Without commitment nothing may happen





Compassion can be defined in many ways but in CFT the focus is as a basic motive with an S-R algorithm

• To approads keep in mind that will act as Inhibitors

that will act as Facilitators hibitors

that will act as that will act as Inhibitors

• If Stimulus detection the

Har will act as Inhibitors
those that will allowed.

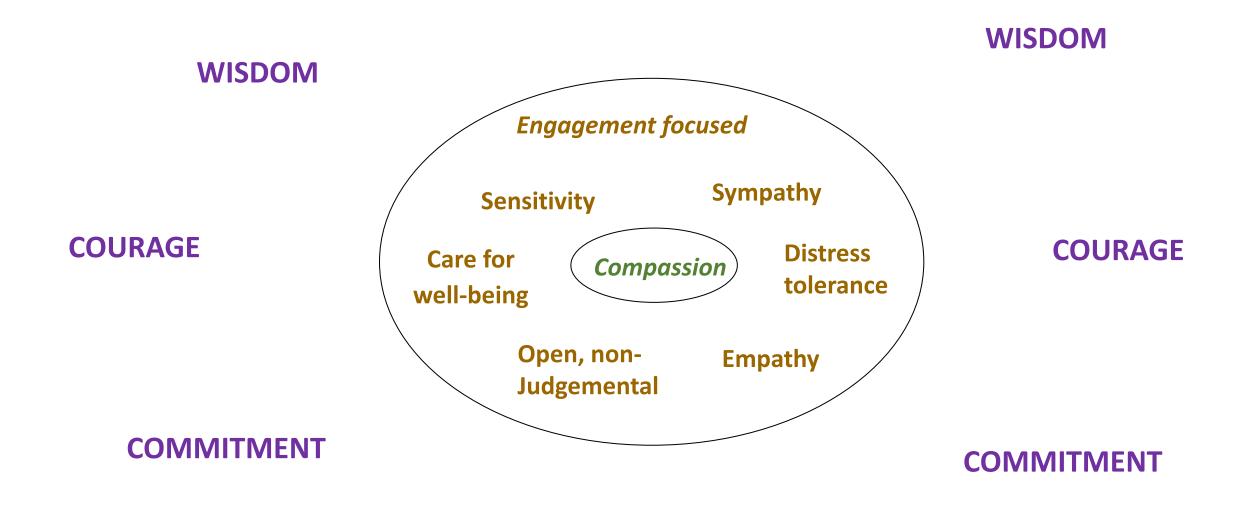
 To .sdom and skills - Wise Courage acqu

> Each require courage and wisdom Courage without wisdom could be reckless Wisdom without courage can be ineffective

**Guided discovery** and cultivation causes of suffering and liberating actions with courage and wisdom

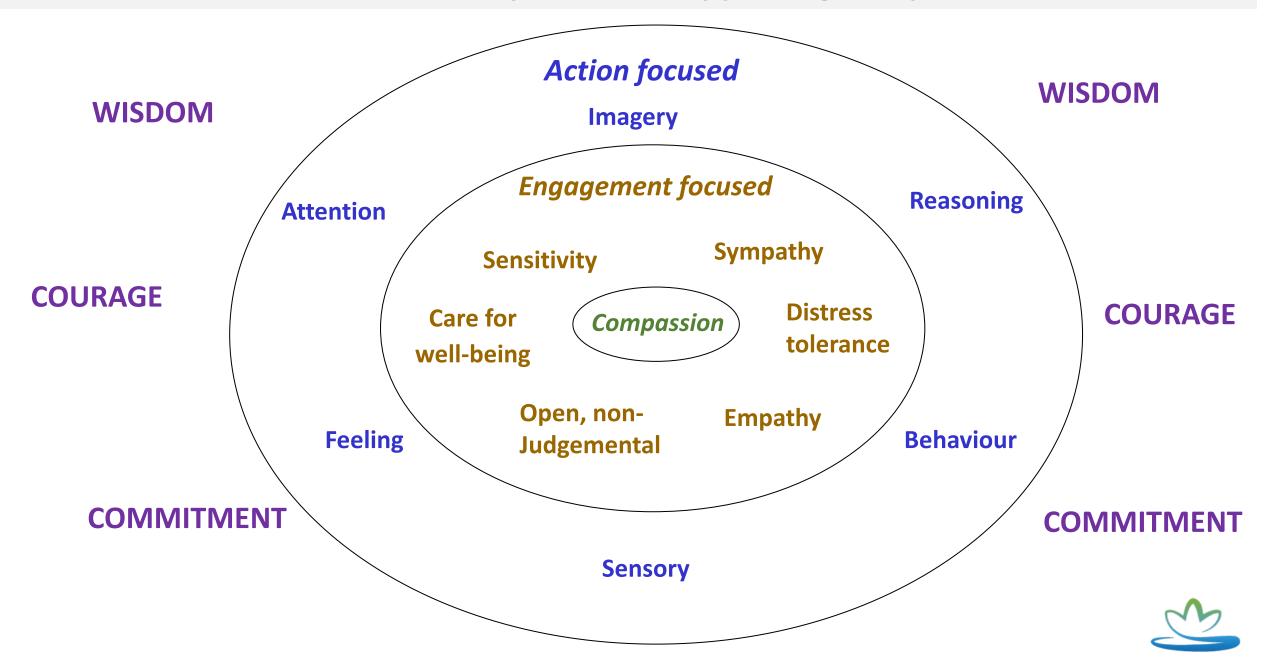


#### The skills and competencies supporting compassion

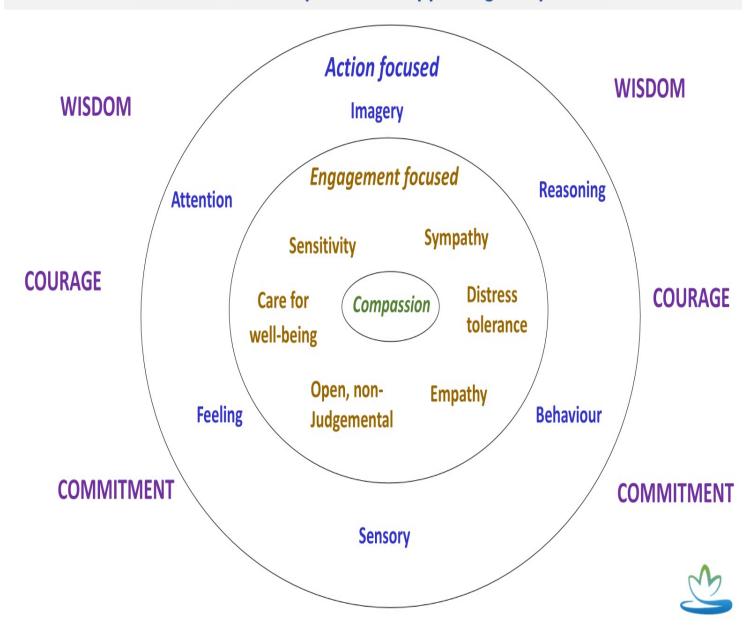




#### The skills and competencies supporting compassion



#### The skills and competencies supporting compassion



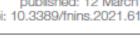
#### **Cultivating compassion**

This is achieved by cultivating the competencies of both sensitive and empathic awareness and empathic wisdom for taking action



in Neuroscience

#### There are many types and ways of being compassionate and addressing suffering and the causes of suffering frontiers







#### Compassion Is Not a Benzo: **Distinctive Associations of Heart** Rate Variability With Its Empathic and Action Components

Maria Di Bello<sup>1\*</sup>, Cristina Ottaviani<sup>1,2</sup> and Nicola Petrocchi<sup>3</sup>

Department of Psychology, Faculty of Medicine and Psychology, Sapienza University of Rome, Rome, Italy, 2 Functional Neuroimaging Laboratory, IRCCS Santa Lucia Foundation, Rome, Italy, 3 Department of Economics and Social Sciences, John Cabot University, Rome, Italy

Recent studies have linked compassion with higher vagally mediated heart rate variable (vmHRV), a measure of parasympathetic activity, and meta-analytic evidence confirm significant and positive associations. Compassion, however, is not to be confus





#### **BRIEF RESEARCH REPORT**

published: 12 March 202 doi: 10.3389/fnins.2021.61744



# Compassion Is Not a Benzo: Distinctive Associations of Heart Rate Variability With Its Empathic and Action Components

Maria Di Bello<sup>1\*</sup>, Cristina Ottaviani<sup>1,2</sup> and Nicola Petrocchi<sup>3</sup>

Department of Psychology, Faculty of Medicine and Psychology, Sapienza University of Rome, Rome, Italy, <sup>2</sup> Functional Neuroimaging Laboratory, IRCCS Santa Lucia Foundation, Rome, Italy, <sup>3</sup> Department of Economics and Social Sciences, John Cabot University, Rome, Italy

Recent studies have linked compassion with higher vagally mediated heart rate variability (vmHRV), a measure of parasympathetic activity, and meta-analytic evidence confirmed significant and positive associations. Compassion, however, is not to be confused

Studied the subjective and physiological responses to 2 videos. 1 individuals in distress and exploring the emotion sensitivity 2 people engaging in helpful actions.

Very different physiologists and recovery

Central to see compassion as an algorithm as two very distinct components under different regulatory processes

To conclude, compassion should not be seen as an antidote for negative affect, as it requires a dosage of personal suffering and pain before reaching its emotional and health benefits.





Different situations and problems need different forms of courage and wisdom

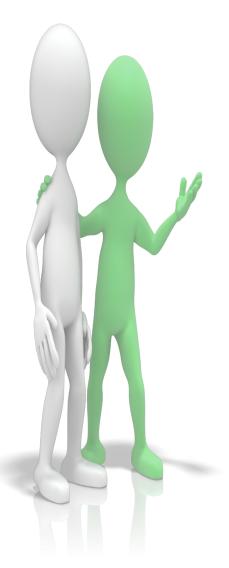
Consider the different types of courage and wisdom these individuals in the picture will need.

A fire fighter
An activist for human rights
A consoling doctor
A caring parent



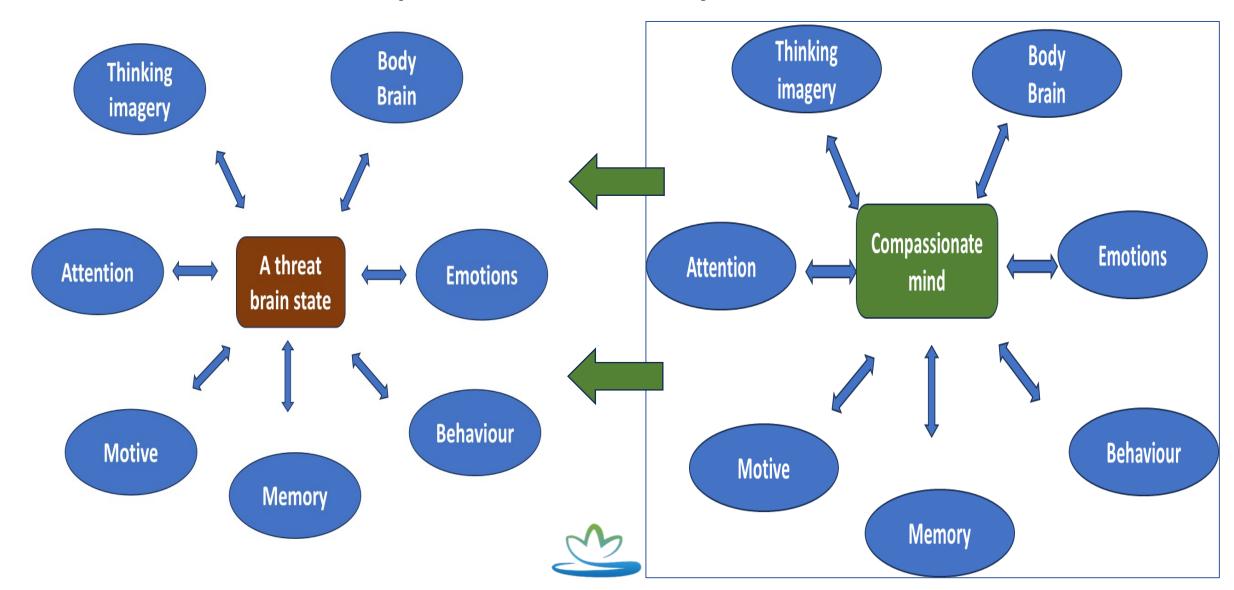


#### Meditation and mind training

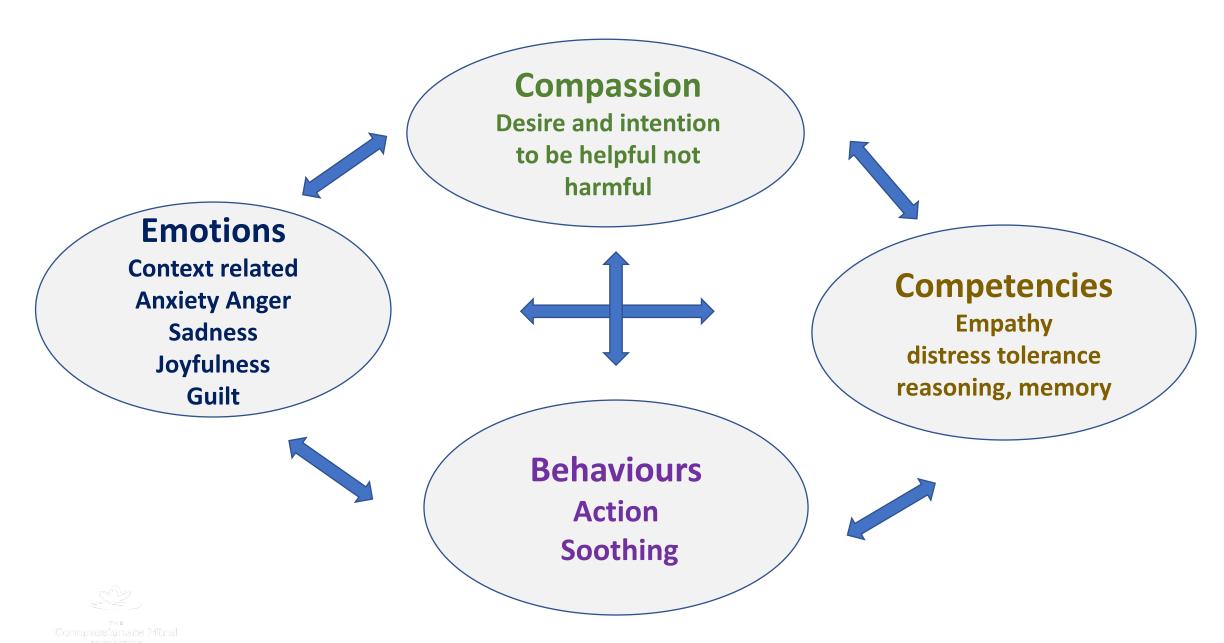


- Compassion definition: The algorithm of compassion is. Sensitivity to suffering. In self and others with a commitment to try to alleviate and prevent it. --- Must include awareness of needs because unmet needs lead to suffering.
- Compassionate identity/self The self one wishes to become and will commit to train for. Bodhicitta seeks enlightenment
- **Compassionate mind**. Training this psychophysiological precious that support compassionate mind and identity.
- **Facilitators and inhibitors**. Recognition of what helps and what gets in the way of the pursuit of one's identity and compassionate mind (in Buddhism known as the near and far enemies)

Help clients understand the nature of brain states. So for example, how does the compassionate mind pay attention? How does it think? How does it create body states for compassion? What is its key behaviours?



#### **Ecological and social contexts impact on compassion**



#### From caring to compassion

Compassion is when we knowingly and intentionally orientate our thinking

and behaviour towards caring

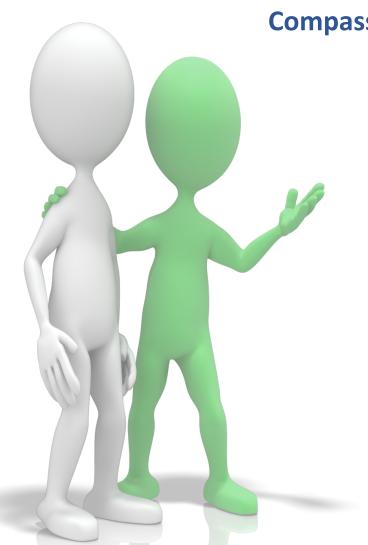
Mentalising is essential for skilful compassion

**BUT** 

Kins vs non kin

Friend vs not friend

Ingroups vs outgroup



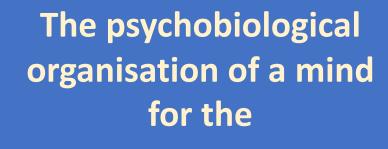
#### **Core Self-Identity and brain state**

May I be helpful not hurtful or harmful

Bring to mind that motivation, meditate on that inner experience

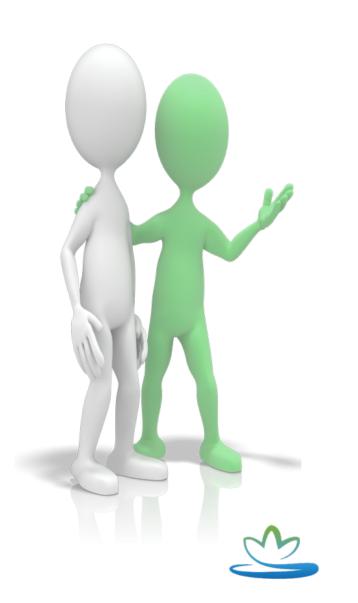
A daily affirmation

Can be applied to groups and organisations too



enactment of compassion - appropriate to its context

### Our brains are built to have these different processes going on in us We can learn to notice them and work with them





**Thoughts Emotions Behaviour Motives Actions** 

My body is helping to create and respond to these things too

**Awareness** 

**Differentiation** 

**Tolerance** 

**Integration** 

**Cultivation** 

**Transformation** 

**Adaptation** 

# Motives organise the mind and therefore compassionate mind training is cultivating our care focused brain states

## **Cultivating compassionate**

- Motives
- Emotions
- Reasoning
- Behaviour

Ways of living, being and wanting to be

#### Using the body to support the mind

Posture, breathing, movement, yoga, acupuncture, diet, mindfulness.

**Cultivating compassionate qualities** 

Choosing key compassionate qualities for self, developing wisdom, concept of tricky brain.

#### **Using imagery**

Imagining one's compassionate self, imagining compassionate other. imagining community (each with in action with key qualities).

Cultivating, playfulness and joyfulness.

Playfulness is linked to friendliness and joyfulness. Practise openness.

#### **Behaviors**

Practising courageous behaviours, helpful behaviours and ways of thinking. Mindfully noticing unhelpful and switching to helpful.

# Motives organise the mind and therefore compassionate mind training is cultivating our care focused brain states

Small doable steps

**Address FBRs** 

and set-backs

#### Using the body to support the mind

Posture, breathing, movement, yoga, acupuncture, diet, mindfulness.

#### **Cultivating compassionate qualities**

Choosing key compassionate qualities for self, developing wisdom, concept of tricky brain.

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Imagining one's compassionate self, imagining compassionate other. imagining community (each with in action with key qualities).

Cultivating, playfulness and joyfulness.

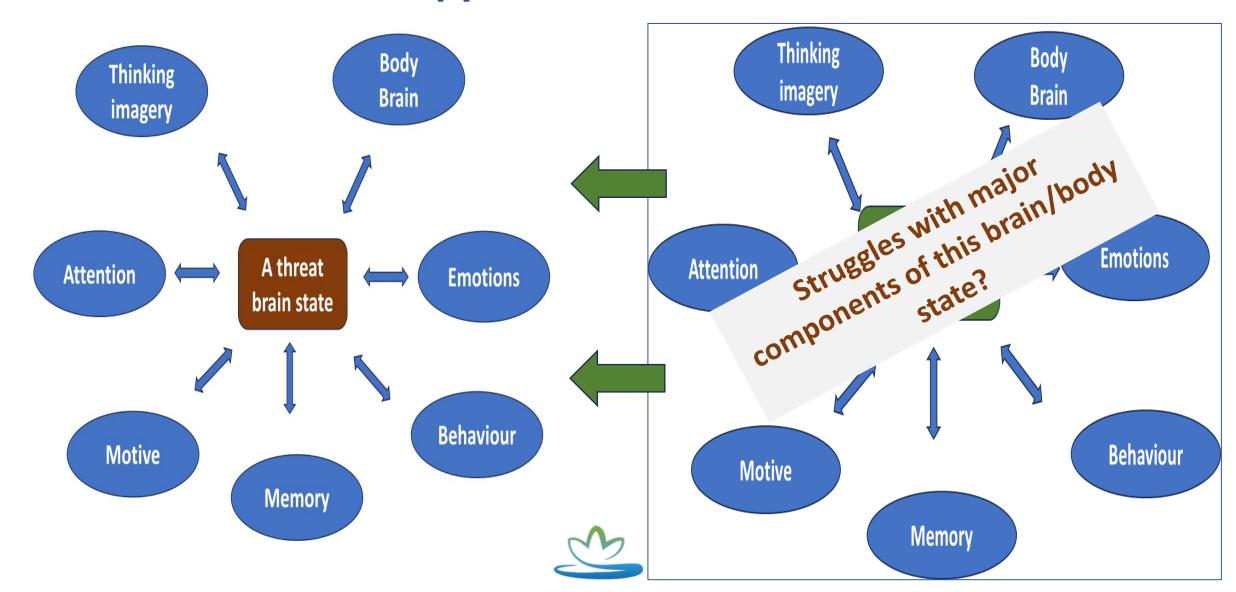
Playfulness is linked to friendliness and joyfulness. Practise openness.

#### **Behaviors**

Practising courageous behaviours, helpful behaviours and ways of thinking. Mindfully noticing unhelpful and switching to helpful.



# This exercise demonstrates how to use compassion focusing to support CBT intervention





#### Western Societies are grief averse

- We are born with 'archetypal' needs for caring connections and yearn for them
- Grieving for what was and is 'archetypally' needed (vs aloneness)
- Without grief and the acknowledgement of 'our yearning' we struggle 'to feel' socially connected
- At the root of many mental health difficulties and anti social behaviour are problems in the processing of caring connectedness with self and others

#### **Competitive Mentality**

#### **Process**

Down rank
Social comparisoninferior
External shame
Submissive
Striving
Angry Self- critical

Up rank
Social comparisons
-superior- entitled
Humiliation
Aggressive
Striving
Other
blaming/critical

#### **Examples of Measures**

Social comparison
External shame
Self-criticism
Striving to avoid inferiority
Winning-losing/defeat

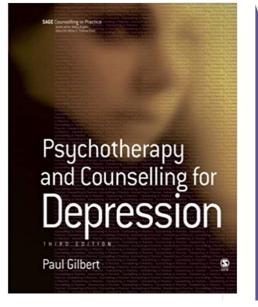
#### **Caring Mentality**

#### **Process**

Distress sensitivity
Desires/able to help
Distress tolerant
Soothing-active
Joy-guilt
Empathic
(Self)-reassuring

#### **Examples of Measures**

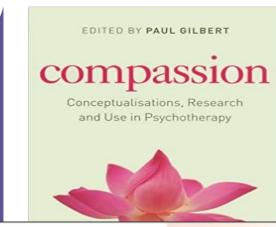
(flows of) caring-compassion
Fears of compassion
Empathy
Prosocial Behaviour to self and others
Social Safeness

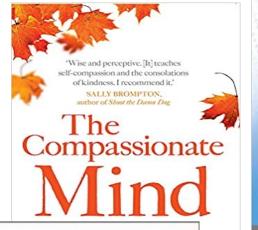




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Compassion Focused Therapy

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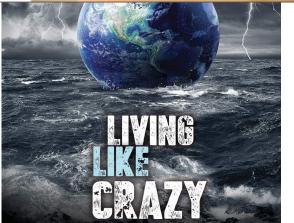


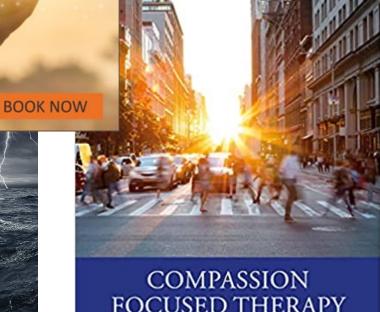
How the science of compassion can help you understand your emotions, live in the present, and connect deeply with others

PAUL GILBERT

& CHODEN







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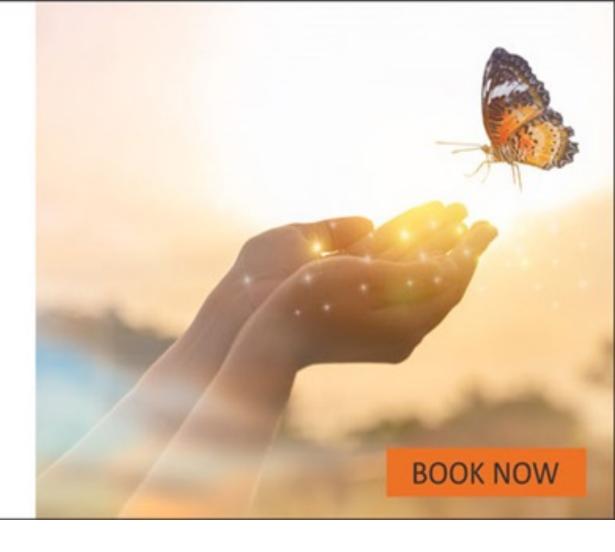
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