Indeed, the sage who’s fully quenched
Rests at ease in every way;
No sense desire adheres to him or her
Whose fires have cooled, deprived of fuel.

All attachments have been severed,
The heart’s been led away from pain;
Tranquil, he or she rests with utmost ease.
The mind has found its way to peace.

The Buddha
Equanimity:

In the Dharma and in Your Brain

Spirit Rock Meditation Center
2017

Rick Hanson, Ph.D. and Rick Mendius, M.D.
What Is Equanimity?
Equanimity Is . . .

- **Balance** - not reacting to the fleeting stream of experience
- **Steadiness** - sustained through all circumstances
- **Presence** - engaged with the world but not troubled by it; guided by values and virtues, not reactive patterns

The ancient circuitry of the brain continually triggers reactions. Equanimity is the circuit breaker that prevents the craving (broadly defined) that leads to suffering.

Equanimity is thus at the center of Buddhist practice.
Whose mind is like rock, steady, unmoved, dispassionate for things that spark passion, unangered by things that spark anger:

When one’s mind is developed like this, from where can there come suffering & stress?

The Buddha, Udāna 4.34
Common - and Fertile - Ground

Neuroscience

Psychology

Buddhism
The Opportunity

We can use the mind
To change the brain
To change the mind for the better
To benefit ourselves and other beings.
Self-Compassion
If one going down into a river, swollen and swiftly flowing, is carried away by the current -- how can one help others across?

The Buddha
The root of Buddhism is compassion, and the root of compassion is compassion for oneself.

Pema Chodron
Compassion is the wish that someone not suffer, combined with feelings of sympathetic concern. Self-compassion simply applies that to oneself. It is not self-pity, complaining, or wallowing in pain.

Self-compassion is a major area of research, with studies showing that it buffers stress and increases resilience and self-worth.

But self-compassion is hard for many people, due to feelings of unworthiness, self-criticism, or “internalized oppression.” To encourage the neural substrates of self-compassion:

- Get the sense of being cared about by someone else.
- Bring to mind someone you naturally feel compassion for
- Sink into the experience of compassion in your body

Then shift the focus of compassion to yourself, perhaps with phrases like: “May I not suffer. May the pain of this moment pass.”
“Anthem”

Ring the bells that still can ring
Forget your perfect offering
There is a crack in everything
That’s how the light gets in
That’s how the light gets in

Leonard Cohen
Cultivation
The Three-Legged Stool of Practice

Heart (*metta*)

Mindfulness (*sati*)

Cultivation (*bhavana*)
Join us for **Cultivating Inner Strength - Monastic Daylong [Dana - No Fee Day]**
with Ayya Anandabodhi and Ayya Santacitta on **Sunday, July 8**
from 9:30 am - 5 pm.

(Photo by Ed Ritger)
Two wolves in the heart
### Major Buddhist Inner Strengths

<table>
<thead>
<tr>
<th>Mindfulness</th>
<th>Compassion</th>
<th>View</th>
</tr>
</thead>
<tbody>
<tr>
<td>Investigation</td>
<td>Kindness</td>
<td>Intention</td>
</tr>
<tr>
<td>Energy</td>
<td>Altruistic joy</td>
<td>Effort</td>
</tr>
<tr>
<td>Bliss</td>
<td>Virtue</td>
<td>Conviction</td>
</tr>
<tr>
<td>Tranquility</td>
<td>Wisdom</td>
<td>Generosity</td>
</tr>
<tr>
<td>Concentration</td>
<td>Equanimity</td>
<td>Patience</td>
</tr>
</tbody>
</table>
Inner Strengths Are Embedded in the Brain
Neurons that fire together, wire together.
Developing Inner Strengths

Inner strengths are grown from positive mental states that are turned into positive neural traits.

Change in neural structure and function (learning, memory) involves activation and installation.

We become more compassionate by repeatedly internalizing feelings of compassion; etc.

Without installation, there is no growth, no learning, no lasting benefit.
Let’s Try It

- **Notice** the experience already present in awareness that you are alright right now
  - Have the experience
  - Enrich it
  - Absorb it

- **Create** the experience of feeling strong
  - Have the experience
  - Enrich it
  - Absorb it
Know the mind.

Shape the mind.

Free the mind.
Think not lightly of good, saying, "It will not come to me."

Drop by drop is the water pot filled.

Likewise, the wise one, gathering it little by little, fills oneself with good.

Dhammapada 9.122
Keep a green bough in your heart, 
and a singing bird will come.

Lao Tsu
The 2nd and 3rd Noble Truths
A Telling of the Four Noble Truths

There is suffering.

When craving arises, so does suffering.

When craving passes away, so does suffering.

There is an eight-part path that both embodies and leads to the passing away of this craving.
If craving causes suffering . . .

. . . what causes craving?
Evolution of the Brain

The Triune Brain - (P. MacLean 1990)
Three Motivational and Self-Regulatory Systems

- **Avoid Harms:**
  - Predators, natural hazards, aggression, pain
  - Primary need, tends to trump all others

- **Approach Rewards:**
  - Food, shelter, mating, pleasure
  - Mammals: rich emotions and sustained pursuit

- **Attach to Others:**
  - Bonding, language, empathy, cooperation, love
  - Taps older Avoiding and Approaching networks

Each system can draw on the other two for its ends.
Stone age brains in the 21st century
Craving Arising . . .

When invaded by threat, loss, or rejection [felt deficit or disturbance of safety, satisfaction, or connection]:

The body fires up into the stress response; outputs exceed inputs; long-term building is deferred.

The mind fires up into:
- **Fear** (the Avoiding system)
- **Frustration** (the Approaching system)
- **Heartache** (the Attaching system)

This is the brain in its allostatic, *Reactive, craving* mode.
Craving Passing Away . . .

When not invaded by threat, loss, or rejection [no felt deficit or disturbance of safety, satisfaction, and connection]

The body defaults to a sustainable equilibrium of refueling, repairing, and pleasant abiding.

The mind defaults to a sustainable equilibrium of:
- Peace (the Avoiding system)
- Contentment (the Approaching system)
- Love (the Attaching system)

This is the brain in its homeostatic Responsive, minimal craving mode.
Choices . . .

Or?

Reactive Mode

Responsive Mode
Coming Home, Staying Home

Positive experiences of core needs met - the felt sense of safety, satisfaction, and connection - activate Responsive mode.

Activated Responsive states can become installed Responsive traits. Responsive traits foster Responsive states.

Responsive states and traits enable us to stay Responsive with challenges.
Cultivation Undoes Craving

- All life has goals. The brain continually seeks to avoid harms, approach rewards, and attach to others - even that of a Buddha.

- It is wholesome to wish for the happiness, welfare, and awakening of all beings - including the one with your nametag.

- We rest the mind upon positive states so that the brain may gradually take their shape. This disentangles us from craving as we increasingly rest in a peace, happiness, and love that is independent of external conditions.

- With time, even the practice of cultivation falls away - like a raft that is no longer needed once we reach the farther shore.
Pet the Lizard
Feed the Mouse
Hug the Monkey
Peace

Contentment

Love
Stop Throwing Darts
The First and Second Dart

- The Buddha called unavoidable discomfort the “first dart.”
- Then we add our reactions, e.g., fear of pain, anger at hurt.
- Or we react with suffering when there is no first dart at all, simply a condition there’s no need to get upset about.
- And sometimes we react with suffering to positive events, such as a compliment or an opportunity.
- The Buddha called these reactions “second darts” - the ones we throw ourselves.
Liking and Wanting

- Distinct neural systems for liking and wanting

- In the brain: feeling/hedonic tone --> enjoying (liking) --> wanting --> pursuing
  - Wanting without liking is hell.
  - Liking without wanting is heaven.

- The distinction between *chandha* (wholesome wishes and aspirations) and *tanha* (craving)

- But beware: the brain usually wants (craves) and pursues (clings to) what it likes.
Practicing with Wanting

- Help *chandha* replace *tanha*; flowers crowd out weeds.

- Surround pleasant or unpleasant feeling tones with spacious awareness - the “shock absorber” - without tipping into craving.

- Regard wants as just more mental content. Investigate them. Watch them come and go. No compulsion, no “must.”

- Be skeptical of predicted rewards - simplistic and inflated, from primitive subcortical regions. Explore healthy disenchantment.

- Pick a key want and explore what it is like not to do it for a second, a minute, or longer.
I make myself rich by making my wants few.

Henry David Thoreau
If you let go a little, you will have a little happiness.

If you let go a lot, you will have a lot of happiness.

If you let go completely, you will be completely happy.

Ajahn Chah
In the deepest forms of insight, we see that things change so quickly that we can’t hold onto anything, and eventually the mind lets go of clinging.

Letting go brings equanimity. The greater the letting go, the deeper the equanimity. In Buddhist practice, we work to expand the range of life experiences in which we are free.

U Pandita
A Peaceful Heart
Understanding Inter-Being

- Nothing arises on its own; everything is connected to everything else.

- The world emerges from stardust.

- The body emerges from the world (sunlight lifts the cup) and from nature, joined with all life.

- The mind emerges in the body, culture, and family.
Not Harming

- Basis of morality in Buddhism and other traditions
- Applies to oneself as well as to others
- Precepts; Right Speech, Action, Livelihood
- The emphasis on abandoning ill will
- The distinction between moral action in the world and succumbing to anger and ill will
- The reframing of not-doing in active, doing terms
Wishing: In gladness and in safety, may all beings be at ease.

Omitting none, whether they are weak or strong, the great or the mighty, medium, short, or small, the seen and the unseen, those living near and far away, those born and to-be-born: May all beings be at ease.

Let none through anger or ill-will wish harm upon another. Even as a mother protects with her life her child, her only child, so with a boundless heart should one cherish all living beings; radiating kindness over the entire world: spreading upwards to the skies, and downwards to the depths, outwards and unbounded, freed from hatred and ill-will.

One should sustain this recollection.

This is said to be the sublime abiding.
Eddies in the Stream
Blissful is passionlessness in the world,
The overcoming of sensual desires;
But the abolition of the conceit I am --
That is truly the supreme bliss.

The Buddha, Udāna 2.11
To study the Way is to study the self.

To study the self is to forget the self.

To forget the self is
To be enlightened by all things.

Dogen
For one who clings motion exists, but for one who does not cling there is no motion.

Where no motion is, there is stillness.
Where stillness is, there is no craving.
Where no craving is, there is neither coming nor going.
Where no coming or going is there is neither arising nor passing away.
Where neither arising nor passing away is, there is neither this world, nor a world beyond nor a state between.

This verily, is the end of suffering.

The Buddha, Udana 8:3
Suggested Books

See www.RickHanson.net for other great books.

Key Papers - 1

See [www.RickHanson.net](http://www.RickHanson.net) for other scientific papers.


Key Papers - 2


- Hanson, R. 2008. Seven facts about the brain that incline the mind to joy. In *Measuring the immeasurable: The scientific case for spirituality.* Sounds True.


Key Papers - 4


Where to Find Rick Hanson Online

**Hardwiring Happiness: The New Brain Science of Contentment, Calm, and Confidence**

www.rickhanson.net/hardwiringhappiness

Personal website: www.rickhanson.net

Wellspring Institute: www.wisebrain.org

youtube.com/drrhansonfacebook.com/rickhansonphd