CONSTANTS OF MOTION

In mechanics, a constant of motion is a quantity that is conserved throughout the motion, imposing in effect a constraint on the motion... Common examples include energy, linear momentum, angular momentum and the Laplace-Runge-Lenz vector (for inverse-square force laws). In quantum mechanics, an observable quantity Q will be a constant of motion if it commutes with the hamiltonian, H, and it does not itself depend explicitly on time.

Wikipedia

Classical
You've swung so far as to risk that top trill of your motion. There, poised, where beyond would kill, you're all potential. To move. Again, and when you do, down, it's all kinetic, and what drew you there compels you rush on. Don't stop, please.

Equations
No outer force, the push/pull of a father's dream, career jig. It's natural. a caress given a hug returned Neither reward, nor dissipation figure much in the meet equations of our motion.

Quantum
So the world plays tough --
torn menisci,  
nixed grant.  
And then you  
saunter by  
with simple gifts --  
a touch, sweet  
love. I am. But  
now the test.  
Imagine  
it turned around:  
We fall in love,  
all settings "high,"  
and then -- in  
just a trice  
things fall apart,  
shoes land, the  
world turns on  
its random wear  
and tear. Where  
are we, dear?  

**Time rate change**  
Together, still.  
But the equations,  
heartless, say  
*stasis is not  
an option.*  
Just move on,  
kids, through war  
bad knees, oh  
a lost child.  
To the parts  
that cry and  
muse, love is  
the sole constant  
of the motion.