



Physics
Thermodynamics

1818 - 1889

- Proved the conservation of energy: 1st Law of TD
- Discovered the mechanical equivalent of heat
- Joule-Thomson Effect the basis of refrigeration
- Joule's Law of electricity



Unit of energy, the *joule*, named in his honor

- A businessman, he made his discoveries as a hobby

“... Conservation of energy, the most basic and universal of all scientific laws. It is surely appropriate that the privilege of making such a vital discovery was given by God to a man of sincere Christian faith.”

– Dr. Henry M. Morris

“After the knowledge of, and obedience to, the will of God, the next aim must be to know something of His attributes of wisdom, power and goodness as evidenced by His handiwork . . .

It is evident that an acquaintance with natural laws means no less than an acquaintance with the mind of God therein expressed.”

– James Joule