Two of the most emblematic consequences of quantum field theory are the thermal radiation of black holes (Hawking radiation) and the quantum breaking of symmetries (anomalies). Wilczek has shown how both can be combined and Hawking radiation can actually be derived from the gravitational anomaly. Recently a version of this argument has been used to re-derive anomaly related thermal transport coefficients in chiral fluids from Hawking radiation. In the TFM the candidate shall study these developments and extend them to charged black holes and give a new derivation of chiral magnetic transport.