Field Qualifiers on NCBI

- Format: **term [qualifier]**
  - **Term** is the string to search for
  - **Qualifier** specifies the field to search in (is **database** specific)
- Example:
  - GOLDRING D **[AUTH]**
  - **The term you search for is "Goldring D" and the field you search in is AUTHOR**

Examples of qualifiers

- ACCN accession number
- DATE publication year
- FKEY feature key
- JOUR journal name
- MH/MeSH MeSH terms
- PAGE first page
- PROP property
- PTYP publication type
- TITL title word
- SLEN sequence length
- WORD text word

AUTH author name
ECNO EC number
GENE gene name
KYWD keyword
MDAT modification date
ORGN organism
PDAT publication/creation date
PROT protein name
SQID sequence id
SUBS substance
VOL volume

Advanced Boolean Queries

- Format: **term [field] operator term [field] …**
  Where **Operator** is any of :

- **AND** (intersection)
  - I am interested in dyslexia in adults
  - Search: Dyslexia AND adults
- **OR** (union)
  - I need information about cats
  - Search: Cats OR felines
- **NOT** (difference)
  - I am interested in radiation but not nuclear radiation.
  - Search: Radiation NOT nuclear

- **COMBINATIONS.**
  - I want to learn about cat behaviour
  - (Cat OR feline) AND Behaviour.
  - Example: **Taylor P [AUTH] AND "protein kinase"**