1. Heusler half-metals lattice-match with III-V and may act as near-perfect spin filters.

B. O'Leary et al., “Chemical substitution induced half-metallicity in CrMnSb\(_{(1-x)}\)P\(_x\)”, Journal of Applied Physics 128, 113906 (2020); https://doi.org/10.1063/5.0021467

2. Diamond replacing gold as a high-precision high-current polarimetry target?