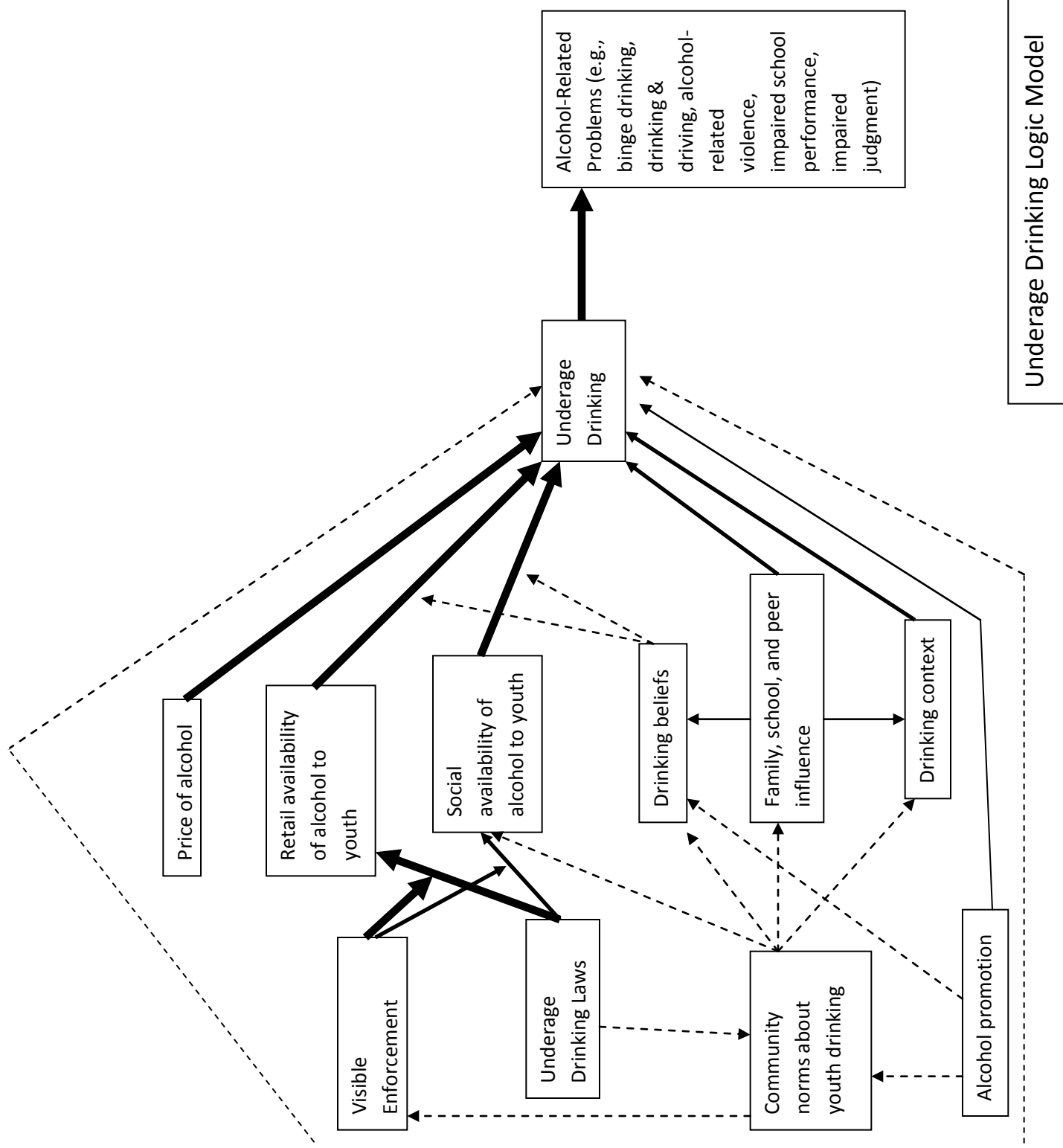


Extreme economic deprivation+
Neighborhood disorganization+
Physiological/genetic factors+
Poor & inconsistent family management practices+
Family conflict+
Low bonding to family+
Early & persistent problem behavior+
Academic failure+
Low degree of commitment to school+
Peer rejection in elementary
Alienation and rebelliousness+
Early onset of drug use+

Motives/Antecedents/Protective Factors: (Hawkins, Catalano & Miller, 1992)

Strong parental bonding-
Positive temperament-
Strong external support system-
Strong commitment to school-
Involvement in church activities-
Belief in generalized expectations, norms, values of society-



Underage Drinking Logic Model