Motives/antecedents/risk factors: (Hawkins, Catalano & Miller, 1992)

- 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

Conditions: Mediating/moderating variables

- Price of alcohol
- Retail availability of alcohol to youth
- Social availability of alcohol to youth

Outcomes

- Alcohol-Related Problems (e.g., binge drinking, drinking & driving, alcohol-related violence, impaired school performance, impaired judgment)