



Violence Exposure and Depressive Symptoms Among Urban Youth: A Growth Curve Analysis

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Presenter Disclosures

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(i) The following personal financial relationships with commercial interests relevant to this presentation existed during the past 12 months:

- No relationships to disclose





Depression and Youth

- Consequences
- Trajectory
- Epidemiology

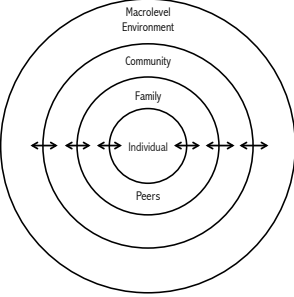

Violence Exposure and Depression

- Family
- Community



Theoretical & Conceptual Frameworks

- Ecological approach
- Resilience
- Development

Sociodemographic Characteristics

- Sex
- Race/ethnicity
- SES

Promotive Factors

- Mother support
- Peer support



Current Study

Depressive symptoms and risk/promotive Factors

- Risk: violence exposure
- Promotive: mother and peer support



Sample

- High school students
- GPA 3.0 or lower
- Age
- Sex
- Race/ethnicity



Measures

- Depressive Symptoms
- Community Violence
- Conflict in the Family Environment
- Mother support
- Friend support
- SES



Statistical Analysis

- Growth Curve Models

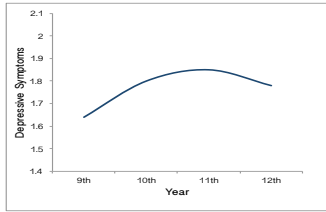


Model Building

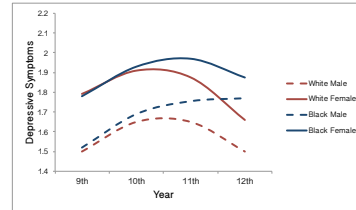
- Model 1: Growth
- Model 2: Sociodemographic characteristics
- Model 3: Violence exposure over time
- Model 4: Support over time



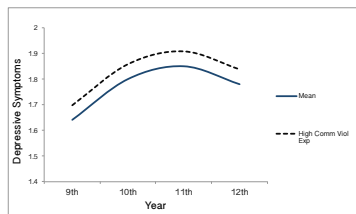
Model 1 Results



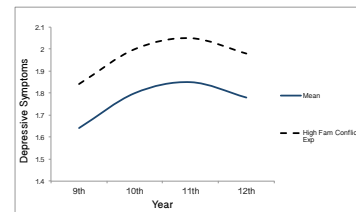
Model 2 Results- Sociodemographics



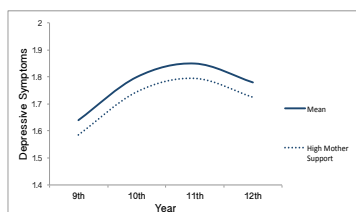
Model 3 Results- Community Violence



Model 3 Results- Conflict in Family



Model 4 Results- Support




Summary

- Depression changes over time
- Differences by sex & race/ethnicity




Summary

- Violence exposure increases depression risk

Summary

- Mother support is promotive

Implications

- 1.
- 2.
- 3.




Thank You!



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Selected References

Adkins, D., Wang, V., & Elder, G. (2009). Structure and Stress: Trajectories of Depressive Symptoms across Adolescence and Young Adulthood. *Social forces: a scientific medium of social study and interpretation*, 88(3), 31.

Brunfenbrenner, U. (1979). *The ecology of human development: experiments by nature and design*. Cambridge, Mass.: Harvard University Press.

Avenevoli, S., Knight, E., Kessler, R., & Merikangas, K. (2008). Epidemiology of Depression in Children and Adolescents. In J. R. Z. Abela & B. L. Hankin (Eds.), *Handbook of depression in children and adolescents*. New York, NY: Guilford Press.

Derogatis, L., & Spencer, M. (1982). *The Brief Symptom Inventory (BSI): Administration, scoring and procedures manual*. Baltimore, MD: Johns Hopkins University School of Medicine, Clinical Psychometrics Unit.

Fergus, S., & Zimmerman, M. (2007). Adolescent resilience: a framework for understanding healthy development in the face of risk. *Annual review of public health*, 28, 399-419.

Foster, J., Kapreminic, G., & Price, A. (2004). Gender differences in posttraumatic stress and related symptoms among inner-city minority youth exposed to community violence. *Journal of Youth and Adolescence*, 33(1), 59-69.

Kennedy, A., Bybee, D., Sullivan, C., & Gresson, M. (2010). The impact of family and community violence on children's depression trajectories: examining the interactions of violence exposure, family social support, and gender. *Journal of family psychology*, 24(2), 197-207.

Lewinsohn, P., Rohde, P., & Seeley, J. (1998). Major depressive disorder in older adolescents: prevalence, risk factors, and clinical implications. *Clinical psychology review*, 18(7), 765-94.

Moos, R., & Moos, B. (1986). *The Family Environment Scale: The manual*. Palo Alto, CA: Consulting Psychologists Press.

Prucianso, M., & Heller, K. (1983). Measures of perceived social support from friends and from family: three validation studies. *American journal of community psychology*, 11(1), 1-24.