



FoV MODUL 3 (SS 2007)
Subject: Developmental Psychology

Introduction to Developmental Psychopathology

Prof. Dr. Rainer K. Silbereisen

Tuesday, 16:15-17:45, CZ SR 122
(Office Hour: Tuesday, 10-11 a.m.)

Outline

This seminar starts with a programmatic paper by Rutter & Sroufe (2000). We will first show the beginnings of developmental psychopathology and which research fields were relevant for its conception. A major conceptual contribution was the distinction between risk and protection. Following, the current theoretical orientation will be characterized by dominant features – the interactive-contextualist concept of human development, the notion of continuities and discontinuities between normal and maladjusted development, and the pronounced interest in the analysis of causal mechanisms and effects. These characteristic features will be exemplified in more depth by select empirical studies on a range of topics. We will deal with risks concerning attachment, with the relationship between autism and normative social reasoning, life-span models of exhibiting and resisting from deviance. The common denominator among the studies is that either concepts from developmental psychopathology have induced the research or have enriched the interpretation. Towards the end we will illuminate a number of future research fields, such as the relationship between biological and ecological determinants of development, the role of socio-cognitive processes, and the conditions of resiliency, that is thriving against the odds. We conclude with exemplary interventions against externalizing behaviours and demonstrate the conditions for public policy relevance of research. The consequence of traumatic experiences will serve as an example.

Course requirements

Active, regular participation in class and accomplishment of reading assignments
Present the rationale and the results of a research paper (PowerPoint), or write a critical synopsis of such a paper, or structure and lead a group discussion (counts as mid-term paper)
A successful final exam (essay and/or multiple-choice test)

Target group

Advanced MA and PhD-students interested in developmental psychopathology. Students from the FSU and PSU will intensively work together: As far as possible each preparatory group will consist of German and American students. Course language will be English.

Introductory reference

Rutter, M. R. & Sroufe, L. A. (2000). Developmental psychopathology: Concepts and challenges. *Development and Psychopathology*, *12*, 265-296.
Silbereisen, R. K. & Piquart, M. (2005). Die entwicklungspsychopathologische Perspektive. In P. F. Schlottke, G., Schneider, S., R. K. Silbereisen & Lauth, G. W.(eds.), *Störungen im Kindes- und Jugendalter - Verhaltensauffälligkeiten* (Enzyklopaedie der Psychologie, Serie II: Klinische Psychologie, Bd. 6)(pp. 3-45). Goettingen: Hogrefe.

17.04.07 The Beginnings of Developmental Psychopathology

- Rutter, M. (2005). Multiple meanings of a developmental perspective on psychopathology. European Journal of Developmental Psychology, *2*, 221-252.
- Sameroff, A. J., Seifer, R., Baldwin, A. L., & Baldwin, C. A. (1993). Stability of intelligence from preschool to adolescence: The influence of social and family risk factors. Child Development, *64*, 80-97.
- Sroufe, L. A. & Rutter, M. R. (1984). The domain of developmental psychopathology. Child Development, *55*, 17-29.

24.04.07 Characteristic I : Interactive-contextualist Concept of Human Development

- Garcia Coll, C., Akerman, A. & Cicchetti, D. (2000). Cultural influences on developmental processes and outcomes: Implications for the study of development and psychopathology. Development and Psychopathology, *12*, 333-356.
- Lerner, R. M. (1998). Theories of human development: Contemporary perspectives. In W. Damon & R. M. Lerner (Eds.) Handbook of Child Psychology (Volume one, pp.1-24). New York, NY: John Wiley & Sons, Inc.
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- Sameroff, A. J. & Mackenzie, M. J. (2003). Research strategies for capturing transactional models of development: The limits of the possible. Development and Psychopathology, *15*, 613-640.
- Shanahan, M. J., Sulloway, F. J. & Hofer, S. M. (2000). Change and consistency in developmental contexts. International Journal of Behavioral Development, *24*, 421-427.

08.05.07 Characteristic II: Continuity and Discontinuity between Normal and Maladjusted Development

- Dale, P. S., Simonoff, E., Bishop, D. V. M., Eley, T. C., Oliver, B., Price, T. S., Purcell, S., Stevenson, J., & Plomin, R. (1998). Genetic influence on language delay in two-year-old children. Nature Neuroscience, *1*, 324-328.
- Hofstra, M. B., van der Ende, J. & Verhulst, F. C. (2000). Continuity and change of psychopathology from childhood into adulthood: A 14-year follow-up study. Journal of the American Academy of Child and Adolescent Psychiatry, *39*, 850-858.

15.05.07 Characteristic III : Focus on Causal Analysis

- Gottlieb, G. & Tucker Halpern, C. (2002). A relational view of causality in normal and abnormal development. Development and Psychopathology, *14*, 421-435.
- Rutter, M., Pickles, A., Murray, R. & Eaves, L. (2001). Testing hypotheses on specific environmental causal effects on behavior. Psychological Bulletin, *127*, 291-334.
- von Eye, A. & Bergman, L. R. (2003). Research strategies in developmental psychopathology: Dimensional identity and the person-oriented approach. Development and Psychopathology, *15*, 553-580.

22.05.07 Results I : Risks for Attachment

- Barnett, D. & Vondra, J. I. (1999). Atypical attachment in infancy and early childhood among children at developmental risk. Monographs of the Society for Research in Child Development, *64*, 1-24.
- Hobson, R. P., Patrick, m., Crandell, L., Garcia-Perez, R. Et al. (2005). Personal relatedness and attachment in infants of mothers with borderline personality disorder. Development and Psychopathology, *17*, 329-347.

Jacobvitz, D., Leon, K. & Hazen, N. (2006). Does expectant mother' unresolved trauma predict frightened/frightening maternal behaviour? Risk and protective factors. Development and Psychopathology, 18, 363-379.

Zeijlmans van Emmichoven, I., van IJzendoorn, M. H., De Ruiter, C. & Brosschot, J. F. (2003). Selective processing of threatening information: Effects of attachment representation and anxiety disorder on attention and memory. Development and Psychopathology, 15, 219-237.

29.05.07 Results II : Autism

Baron-Cohen, S., Leslie, A., & Frith, U. (1985). Does the autistic child have a „theory of mind“? Cognition, 21, 37-46.

Dawson, G., Webb, S., Schellenberg, G., Dager, S. et al. (2002). Defining the broader phenotype of autism: Genetic, brain, and behavioral perspectives. Development and Psychopathology, 14, 581-611.

Dawson, G., Webb, S. J., Wijsman, E., Schellenberg, G. et al. (2005). Neurocognitive and electrophysiological evidence of altered face processing in parents of children with autism: Implications for a model of abnormal development of social brain circuitry in autism. Development and Psychopathology, 17, 679-697.

05.06.07 Results III : Antisocial Behavior, Delinquency, and Crime (1)

Dishion, T. J., Patterson, G. R., & Kavanagh, K. A. (1992). An experimental test of the coercion model: Linking theory, measurement and intervention. In J. McCord & R. E. Tremblay (Eds.), Preventing antisocial behavior: Intervention from birth through adolescence (pp. 253-282). New York, NY: Guilford Press.

Lacourse, E., Nagin, D., Tremblay, R. E., Vitaro, F. et al. (2003). Developmental trajectories of boys' delinquent group membership and facilitation of violent behaviours during adolescence. Development and Psychopathology, 15, 183-197.

Shaw, D. S., Gilliom, M., Ingoldsby, E. M. & Nagin, D. S. (2003). Trajectories leading to school-aged conduct problems. Developmental Psychology, 39, 189-200.

Snyder, J., Schrepferman, L., Oeser, J., Patterson, G. et al. (2005). Deviancy training and association with deviant peers in young children: Occurrence and contribution to early-onset conduct problems. Development and Psychopathology, 17, 397-413.

12.06.07 Results IV : Antisocial Behavior, Delinquency, and Crime (2)

Broidy, L. M., Nagin, D. S., Tremblay, R. E., Bates, J. E. et al. (2003). Developmental trajectories of childhood disruptive behaviors and adolescent delinquency: A six-site, cross-national study. Developmental Psychology, 39, 222-245.

Moffitt, T. E., Caspi, A., Harrington, H. & Milne, B. J. (2002). Males on the life-course-persistent and adolescence-limited antisocial pathways: Follow-up at age 26 years. Development and Psychopathology, 14, 179-207.

Roisman, G. I., Aguilar, B. & Egeland, B. (2004). Antisocial behavior in the transition to adulthood: The independent and interactive roles of developmental history and emerging developmental tasks. Development and Psychopathology, 16, 857-871.

Tremblay, R. E. (2003). Why socialization fails. The case of chronic physical aggression. In B. B. Lahey, T. E. Moffitt & A. Caspi (Eds.), Causes of conduct disorder and juvenile delinquency (pp. 182-224). New York: Guilford Press.

19.06.07 Future I : Nature and Nurture

Eley, T. C., Lichtenstein, P. & Moffitt, T. E. (2003). A longitudinal behavioral genetic analysis of the etiology of aggressive and nonaggressive antisocial behavior. Development and Psychopathology, 15, 383-402.

- Hyun Rhee, S. & Waldman, I. D. (2002). Genetic and environmental influences on antisocial behavior: A meta-analysis of twin and adoption studies. Psychological Bulletin, 128, 490-529.
- Moffitt, T. E., Caspi, A. & Rutter, M. (2006). Measured gene-environment interactions in psychopathology. Concepts, research strategies, and implications for research, intervention, and public understanding of genetics. Perspectives on Psychological Science, 1, 5-27.
- Rutter, M. (2004). Pathways of genetic influences on psychopathology. European Review, 12, 19-33.
- Rutter, M. & Silberg, J. (2002). Gene-environment interplay in relation to emotional and behavioral disturbance. Annual Review of Psychology, 53, 463-490.

26.06.07 Future II : Cognitive Processing

- Dodge, K. A., Lansford, J. E., Salzer Burks, V., Bates, J. E. et al. (2003). Peer rejection and social information-processing factors in the development of aggressive behavior problems in children. Child Development, 74, 374-393.
- Dodge, K. A. & Pettit, G. S. (2003). A biopsychosocial model of the development of chronic conduct problems in adolescence. Developmental Psychology, 39, 349-371.
- Dodge, K.A. (1993). Social-cognitive mechanisms in the development of conduct disorder and depression. Annual Review of Psychology, 44, 559-584.

03.07.07 Resiliency

- Bonanno, G. A. (2004). Loss, trauma, and human resilience. Have we underestimated the human capacity to thrive after extremely aversive events. American Psychologist, 59, 20-28.
- Bonanno, G. A., Galea, S., Bucchiarelli, A. & Vlahov, D. (2006). Psychological resilience after disaster: New York City in the aftermath of the September 11th terrorist attack. Psychological Science, 17, 181-186.
- Luthar, S. S., Cicchetti, D. & Becker, B. (2000). Research on resilience: Response to commentaries. Child Development, 71, 573-575.
- Masten, A. S., Burt, K. B., Roisman, G. I., Obradovic, J. et al. (2004). Resources and resilience in the transition to adulthood: Continuity and change. Development and Psychopathology, 16, 1071-1094.
- Olsson, C. A., Bond, L., Burns, J. M., Vella-Brodrick, D. A. et al. (2003). Adolescent resilience: a concept analysis. Journal of Adolescence, 26, 1-11.
- Robinson, J. L. (2000). Are there implications for prevention research from studies of resilience ? Child Development, 71, 570-572.
- Roosa, M. W. (2000). Some thoughts about resilience versus positive development, main effects versus interactions, and the value of resilience. Child Development, 71, 567-569.
- Yehuda, R., Halligan, S. L. & Grossman, R. (2001). Childhood trauma and risk for PTSD: Relationship to intergenerational effects of trauma, parental PTSD, and cortisol excretion. Development and Psychopathology, 13, 733-753.

10.07.07 Psychosocial Interventions

- Cicchetti, D. & Hinshaw, S. P. (2002). Editorial: Prevention and intervention science: Contributions to developmental theory. Development and Psychopathology, 14, 667-671.
- Clingempeel, W. G. & Henggeler, S. W. (2002). Randomized clinical trials, developmental theory, and antisocial youth: Guidelines for research. Development and Psychopathology, 14, 695-711.
- Hinshaw, S. P. (2002). Intervention research, theoretical mechanisms, and causal processes related to externalizing behaviour patterns. Development and Psychopathology, 14, 789-818.

- Howe, G. W., Reiss, D. & Yuh, J. (2002). Can prevention trials test theories of etiology? Development and Psychopathology, 14, 673-694.
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- Zeanah, C. H., Nelson, C. A., Fox, N. A., Smyke, A. T. et al. (2003). Designing research to study the effects of institutionalization on brain and behavioral development: The Bucharest Early Intervention Project. Development and Psychopathology, 15, 885-907.

17.07.07 Public Policy Relevance of Basic, Applied, and Translational Research

- Huston, A. C. (2005). Connecting the Science of child development to public policy. Social Policy Report, 19, 3-18.
- Osofsky, J. D., Osofsky, H. J. & Harris, W. W. (2007). Katrina's children: Social policy considerations for children in disasters. Social Policy Report, 21, 3-18.
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