



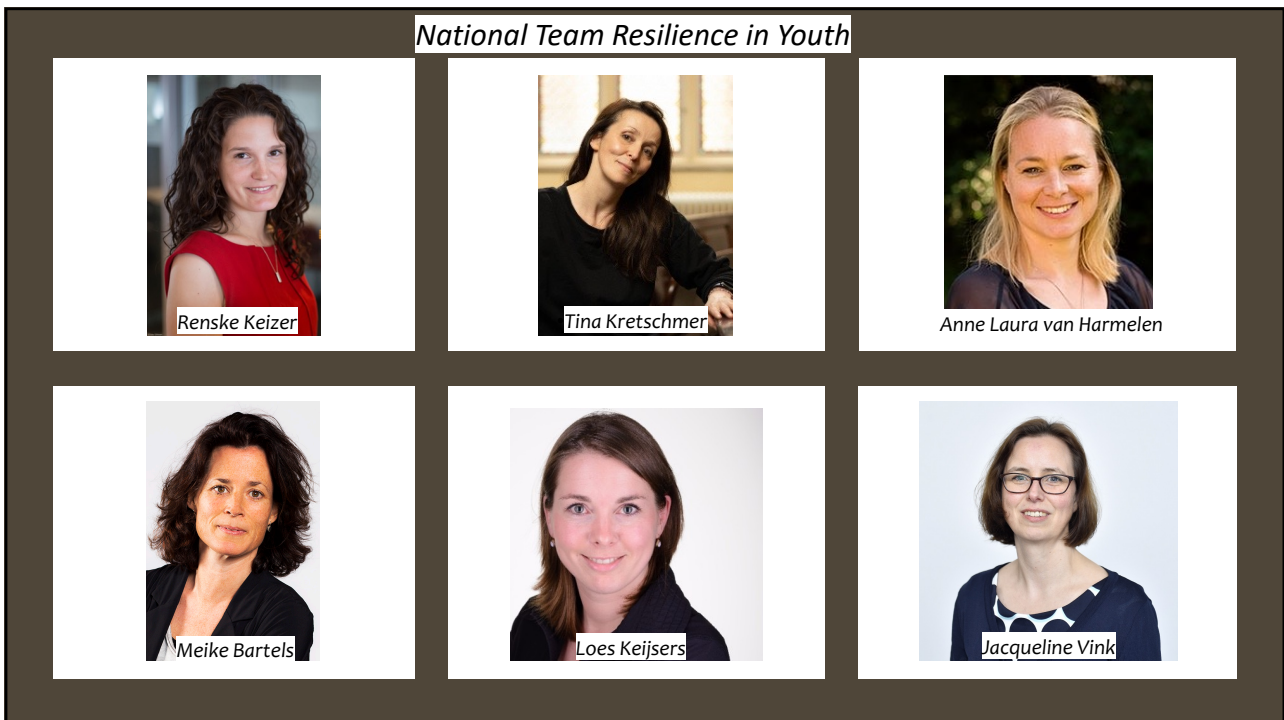
SSH Sectorplan
Resilience in Youth
Kickoff meeting

April 17, 2024

The slide features a decorative header with overlapping leaf-like shapes in shades of blue, green, yellow, and orange. A horizontal line is positioned below the title.

1

National Team Resilience in Youth



Portrait of Renske Keizer

Portrait of Tina Kretschmer

Portrait of Anne Laura van Harmelen

Portrait of Meike Bartels

Portrait of Loes Keijsers

Portrait of Jacqueline Vink

A grid of six portrait photographs of team members, each with their name printed below. The grid is titled 'National Team Resilience in Youth'.

2

What is a sectorplan?

3

Coalition Agreement: Sectorplans: 200 million per year

Sectorplan
Bèta en Techniek



Sectorplan Bèta en Techniek

Engineering & Natural Sciences



Minister Robbert Dijkgraaf with advisory team Nationale Commissie Sectorplannen, September 2023. Foto: Twitteraccount Robbert Dijkgraaf



NEDERLANDSE FEDERATIE VAN
UNIVERSITAIR MEDISCHE CENTRA

SAMENVATTING

Sectorplan Medische en
Gezondheidswetenschappen
Versnellen op gezondheid

Life Sciences

Sectorplan
Social Sciences and Humanities



Sectorplan Social Sciences and
Humanities

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SSH domain



Social Sciences



Humanities



Law



Economics & Business

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Sectorplan SSH

Title of the Sectorplan:

Moving ahead together

Strengthening societal resilience by investing in the foundations of scientific research and education

<https://www.sectorplan-ssh.nl/>



Sectorplannen 2022/2023
Social Sciences and Humanities

Samen vooruit

Investeren in de basis voor wetenschappelijk onderzoek en onderwijs, versterken van de maatschappelijke veerkracht



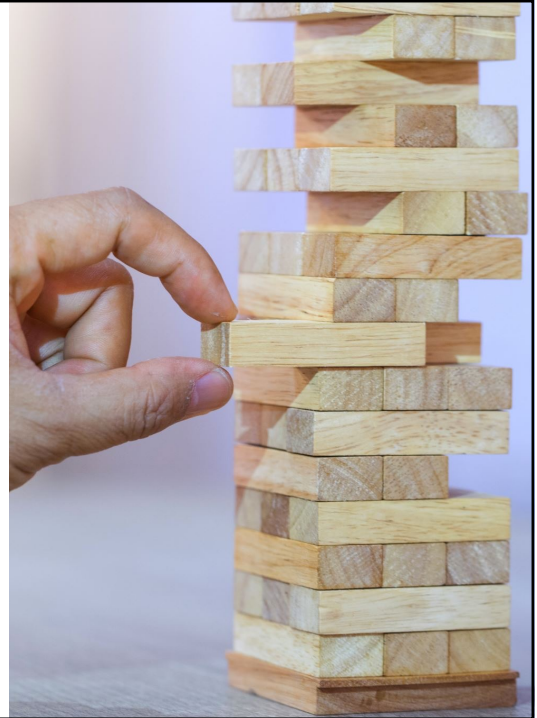
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Starting point

The SSH domain in the Netherlands is internationally outstanding in research, attracts large numbers of students and makes a major contribution to society, both nationally and internationally.

BUT

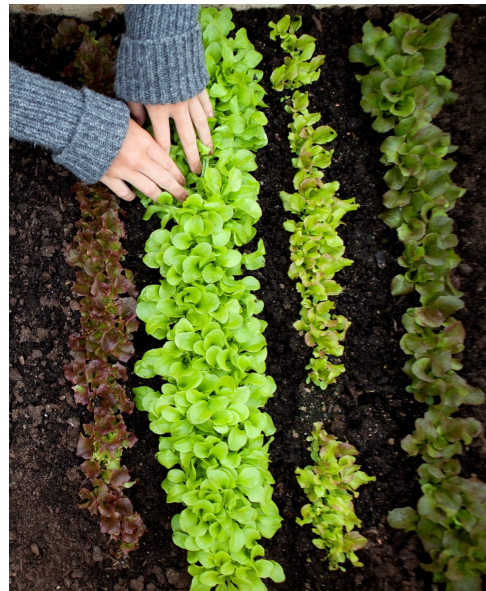
it is facing structural challenges due to lack of resources, compared to other domains.




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SSH Investments General goals

- Reducing work pressure by investing in young, diverse talent
- Decreasing number of temporary contracts
- Strengthening local research infrastructure
- Investing in a better-structured and organised sector



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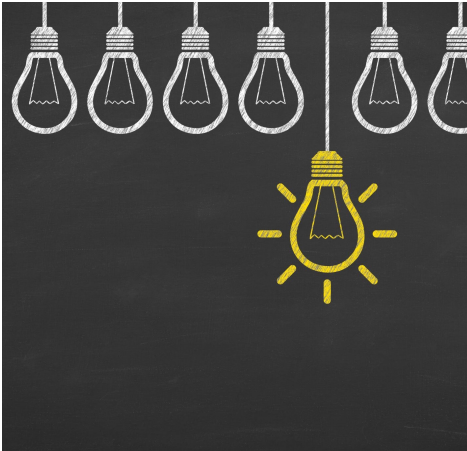
Corona preparedness

- Wish that there had been more social scientists at the table, but they cannot agree on anything!
- “Medical and social science data was not always collected and connected in the most effective manner. Reluctance to share source data also prevented scientific scrutiny. Data-sharing was further limited by the decentralised nature of the public health care system. Another obstacle was that databases belonging to different parties are not linked, whereas in for instance Denmark, the United Kingdom and Ireland such linkages are possible.”

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Specific goals

- Strengthening innovative and interdisciplinary research on important societal issues
- Developing innovative and interdisciplinary education that integrates emerging issues and societal developments, as well as research on these issues
- Strengthening cooperation with societal partners and universities of applied sciences
- Contributing to solutions for the identified societal issues and to societal debates on them
- Profiling of different institutions



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5 SSH themes

1. **Resilience among youth**
 2. Mental disorders
 3. The human factor in new technologies
 4. Societal transition and behavioural change
 5. Societal inequality and diversity
- + Investment in Educational Science
 - + Cross-cutting theme Welfare, Participation and Citizenship in a Digital World



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University profiles: SSH Theme Resilience in Youth



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Where do we go from here? Our assignment:

- Exploration of inter-university and interdisciplinary research initiatives
- Establishing cooperation with non-academic partners (transdisciplinary collaborations)
- Not developing new education (courses), but embedding interdisciplinary research more firmly in existing education

- Promoting resilience in youth is at the heart of all efforts



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Spotlight presentations

Goal: Showcasing our diversity and getting to know each other



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Spotlight PRESENTATIONS Then Part 2

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 <p>Universiteit Leiden Institute of Security and Global Affairs</p>  <p>Dr. Olga Bogolyubova Assistant Professor Institute of Security and Global Affairs Leiden University o.bogolyubova@fgga.leidenuniv.nl</p>	<h3>Background</h3> <ul style="list-style-type: none"> • Doctoral degree in psychology; • Pre- and post-doctoral training in public health (HIV prevention) • Experience working with survivors of childhood maltreatment, sexual assault, and other types of trauma <h3>Research Interests</h3> <ul style="list-style-type: none"> • Impact of childhood trauma on mental health and behavior • Psychological trauma and health • Intersections of violence and technology • Personality-level predictors of online behaviors <h3>Key Publications</h3> <ul style="list-style-type: none"> • Bogolyubova, O. & Krakovska, B. (under review). History of Childhood Maltreatment and Exposure to Online Harm: A Rapid Review of Evidence • Bogolyubova, O., Sainz-Maza Fernandez, A., Tristan Lopez, B., Portelli, P. (2021). Traumatic Impact of the COVID-19 Pandemic in an International Sample: Contribution of Fatalism to Psychological Distress and Behavior Change, <i>European Journal of Trauma & Dissociation</i>, 5 (2), https://doi.org/10.1016/j.ejtd.2021.100219 • Bogolyubova, O., Tikhonov, R., Ivanov, V., Panicheva P., Ledovaya, Y. (2020) Violence exposure, posttraumatic stress, and subjective well-being in a sample of Russian adults: a Facebook-based study. <i>Journal of Interpersonal Violence</i>, 35(5-6), pp. 1476-1491, DOI: 10.1177/0886260517698279 • Bogolyubova, O., Panicheva, P., Tikhonov, R., Ivanov, V., Ledovaya Y. (2018) Dark Personalities on Facebook: Harmful Behaviors and Language. <i>Computers in Human Behavior</i>, 78, pp. 151-159, https://doi.org/10.1016/j.chb.2017.09.032.
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Dr. Nina van den Broek
Post-doc Resilience in Youth
nina.vandenbroek@ru.nl

Behavioural Science Institute

Radboud Universiteit

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Utrecht University

Anne Brons
(SOC & ISW)

Family background & young adults' union formation and dissolution

Family complexity after divorce & child well-being

Participation, Youth & Democracy

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DR. SUZANNE VAN DE GROEP

Assistant Professor

Prosocial development

Adolescence

Neural development

Societal challenges

- Balancing self, others, and society
 - In-group preference
 - Wellbeing
 - Climate Change
 - Trust



Methods

- fMRI
- Behavioral experiments
- Longitudinal studies
- Surveys
- Youth participation


Supervision, being a scientist, science communication

Affiliations

Erasmus University Rotterdam Clinical Psychology Department

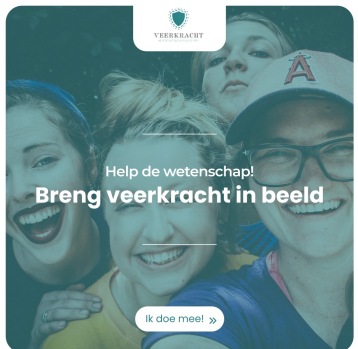


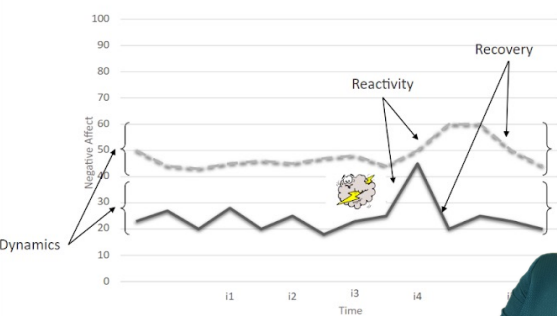

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Vera Heininga

Research focus: psychosocial mechanisms of resilience






Every Child is Different



BeReal: Predicting resilience using machine learning



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Hester Sijtsma



- Post-doc researcher at the VU
 - Department of Clinical, Neuro- and Developmental psychology
- Research and teaching is focused on social relationships, social cognition, and (interventions for) well-being during adolescence.
 - Social networks
 - Social-cognitive processes and fMRI
 - Well-being



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Crystal Smit – Promoting a healthy lifestyle among youth

Focusing on the inter-relation between mental and physical well-being among youth

Research interest and projects

- Youth participatory project on the link between mental and physical well-being
- Integrating different perspectives (teachers, parents, etc.) for the intervention development
- Development of a combined digital lifestyle intervention (e.g., digital lesson for schools)
- Theoretical model on integration of motivation and behavior change models




Erasmus University Rotterdam

c.r.smit@essb.eur.nl




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anna.tyborowska@ru.nl

Anna Tyborowska | Radboud University


Behavioural Science Institute & Donders Institute

Behavioural Science Institute 

*My research centers on periods of heightened sensitivity and plasticity, such as adolescence and emerging adulthood, and focuses on **psychological, hormonal, and neurocognitive markers** of resilience and vulnerability for mental health outcomes*

Neural Circuits of Emotion Control

- Automatic approach – avoidance tendencies
- Threat-related responses




Hormones, Stress & Development

- Interactions between sex steroid hormones, stress, and pubertal development
- Interplay between early-life stress, current stress & protective factors
- Influence of endo- and exogenous hormones on development of neural circuitry and female mental health

Dynamic indices of change during transition periods


- Impact of hormonal fluctuations on mood, emotion regulation & coping
- Vulnerability for internalizing psychopathology


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Evelien Urbanus

- Assistant Professor Clinical Neuropsychology - VU Amsterdam
- PhD 2022 - Clinical Neurodevelopmental Sciences, Leiden University
- Research interests: Eye-tracking, neurodevelopmental disorders, genetic disorders, neuropsychological assessment

 **VRIJE UNIVERSITEIT AMSTERDAM**

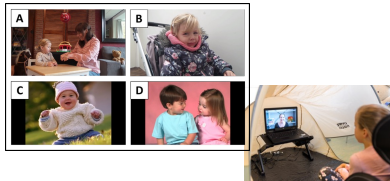

Universiteit Leiden

Childhood Assessment of Risk – an Eye-tracking Study (CARES)

Collaboration:
VU Amsterdam +
Leiden University


Early markers of
(deviating) social functioning

Children aged 12 – 48 months
(TD / population 'at risk')



Eye-tracking paradigms

Cognitive and behavioral outcomes



ASQ:SE
Ages & Stages
Questionnaires
Social-Emotional

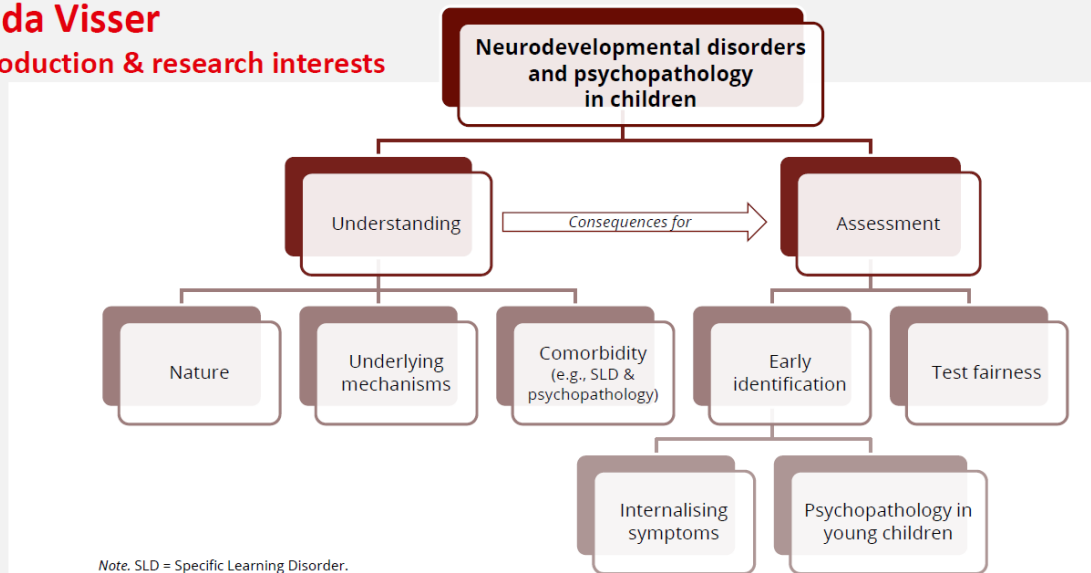
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April 17, 2024

National Kickoff Event SSH Sector Plan Resilience in Youth

Linda Visser

Introduction & research interests



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Radboud University Behavioural
Science
Institute 

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TuongVan Vu

t.v.vu@vu.nl

- Assistant professor, Department of Clinical, Neuro- and Developmental psychology
- **Educational background:** BA in Liberal Arts & Sciences (Utrecht University College), MS in Social Psychology (VU Amsterdam), PhD (psychology & cognitive neuroscience, VU Amsterdam)
- **Research interests:**
- (Cultural, social, and academic) **self-concept, social learning, & social cognition (theory of mind, empathy)**



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Bayesian hierarchical mixture models

What?

- Statistical models for estimating continuous + categorical individual differences simultaneously

Why?

- Compare latent psychological processes between individuals or groups
- Compare evidence in data for different, competing theories

How?

- Different processes/theories → different behavioural responses

By?

- Jacqueline Zadelaar (j.n.zadelaar@umail.leidenuniv.nl)

Bayes Theorem:

$$P(X|data) = \frac{P(data|X)P(X)}{P(data)}$$



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Getting to know
each other: Speed
dating activity
(15.00-15.30)

- 2 groups:
 - 1 Amstelpark P1
 - 2 Vondelpark P2
- 6 minutes per interaction:
 - Who or what inspires you in your work/career?
 - What's your favorite way to spend a day off?
 - What's one thing that can instantly make your day better?
 - What originally got you interested in your current field of work?
 - How would your 10-year-old self react to what you do now?
- Keywords on post-its

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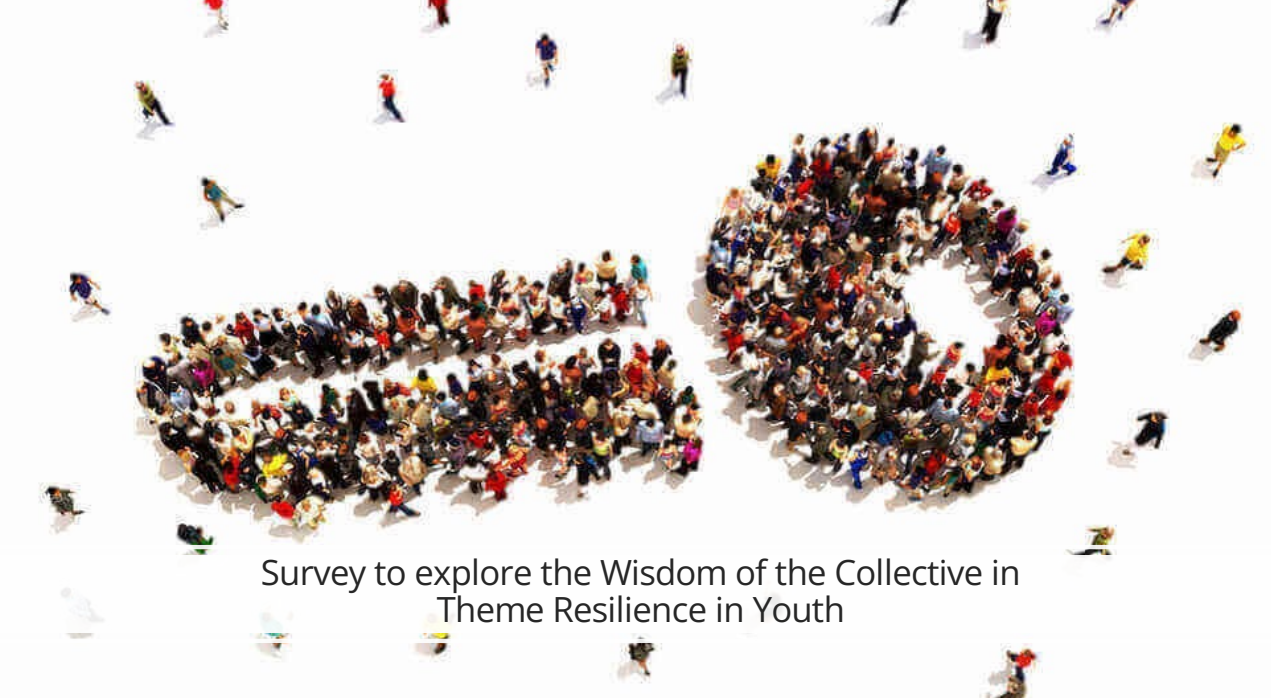
SSH Sectorplan: Resilience among Youth

Showcasing our diversity



April 17, 2024

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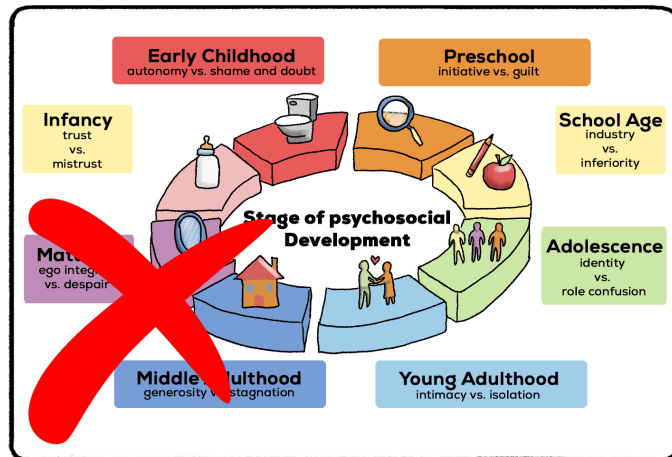
Survey to explore the Wisdom of the Collective in
Theme Resilience in Youth

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The diversity of our research topics



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- Erickson's stages of psychosocial development

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A Unified Welfare Analysis of Government Policies

Nathaniel Hendren and Ben Sprung-Keyser*

February 2020

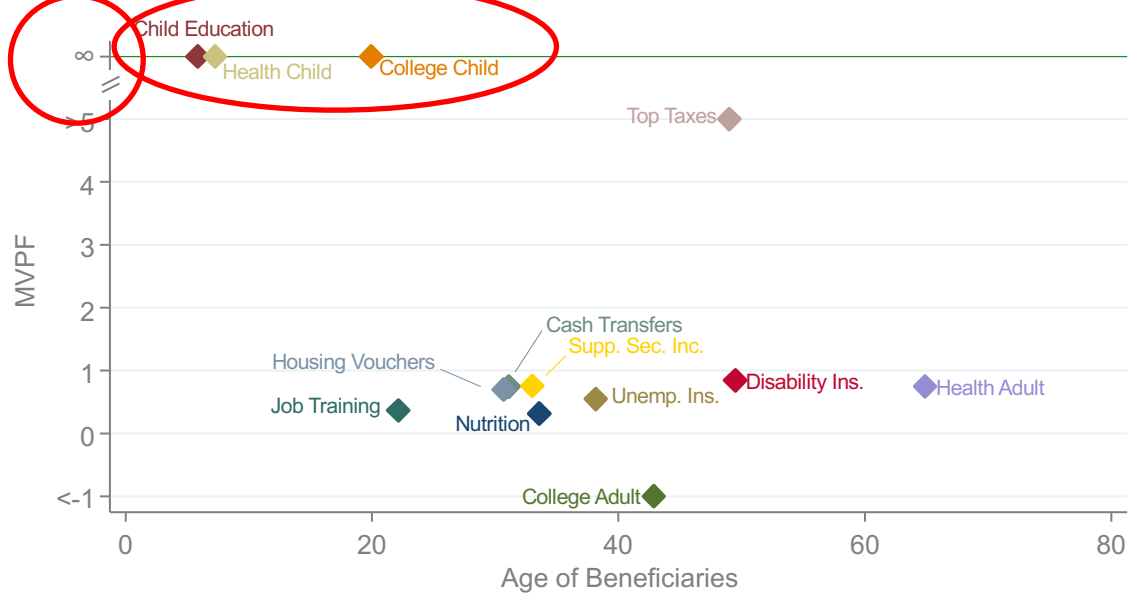
Abstract

We conduct a comparative welfare analysis of 133 historical policy changes over the past half-century in the United States, focusing on policies in social insurance, education and job training, taxes and cash transfers, and in-kind transfers. For each policy, we use existing causal estimates to calculate both the benefit that each policy provides its recipients (measured as their willingness to pay) and the policy's net cost, inclusive of long-term impacts on the government's budget. We divide the willingness to pay by the net cost to the government to form each policy's Marginal Value of Public Funds, or its "MVPF". Comparing MVPFs across policies provides a unified method of assessing their impact on social welfare. Our results suggest that direct investments in low-income children's health and education have historically had the highest MVPFs, on average exceeding 5. Many such policies have paid for themselves as governments recouped the cost of their initial expenditures through additional taxes collected and reduced transfers. We find large MVPFs for education and health policies amongst children of all ages, rather than observing diminishing marginal returns throughout childhood. We find smaller MVPFs for policies targeting adults, generally between 0.5 and 2. Expenditures on adults have exceeded this MVPF range in particular if they induced large spillovers on children. We relate our estimates to existing theories of optimal government policy and we discuss how the MVPF provides lessons for the design of future research.

JEL Codes: H00, I00, J24

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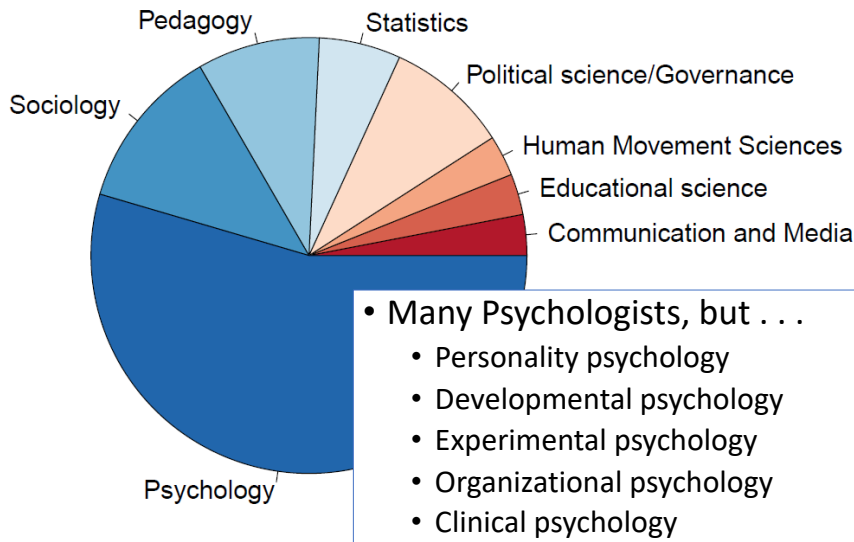
MVPF Robustness to Publication Bias Adjusting for Observed Publication Bias



Source: Hendren & Sprung-Keyser, 2020

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The diversity of our disciplines



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theme

Interdisciplinarity Beyond the Buzzword

A Guide to Academic Work Across Disciplines

Tips & Tricks
A Guide to Academic Work Across Disciplines

There's nothing more useful than a listicle to end this interdisciplinarity guide. We have condensed the top 10 tips and tricks from our many interviews.

System: What is the influence of funding, publishing and promotion?
A Guide to Academic Work Across Disciplines

<https://amsterdamyongacademy.nl/article/community-interdisciplinary-communities-collaborations-succeed/>

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Education: How and why should we train students and researchers in interdisciplinary ways?
A Guide to Academic Work Across Disciplines

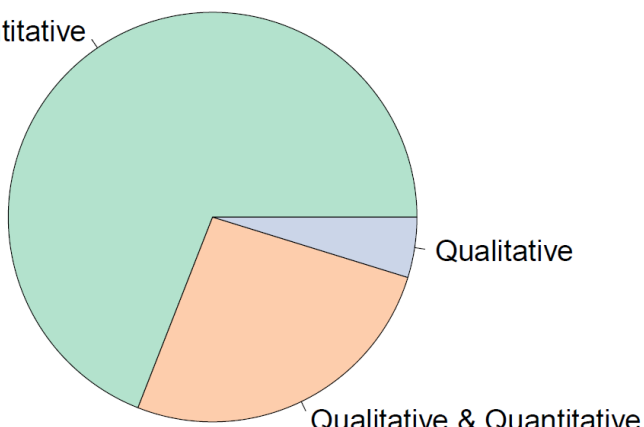
Integrating interdisciplinary aspects into teaching – or even offering a fully interdisciplinary programme – has the potential to bring several benefits to students. It also brings with it a set of challenges.

Goal: When is interdisciplinarity necessary or of added value?
A Guide to Academic Work Across Disciplines

'Interdisciplinarity' has become a ubiquitous academic buzzword. Given this often unquestioned enthusiasm, one should ask a set of basic questions.

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The diversity of our methods



Method	Relative Frequency
Quantitative	High
Qualitative & Quantitative	Medium
Qualitative	Low

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We bring a broad range of expertise and skillsets

- Building international alliances
- Quantitative research
 - Techniques
 - Design (e.g., experiments, longitudinal, daily diary, experience sampling)
 - Analyses (e.g., Bayesian, multilevel/mixture/latent modeling, SEM, meta-analysis)
- Natural language processing and analysis of text
- MRI
- Big team science
- Qualitative research
 - Methods

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What we offer and what we need

Bringing

- Datasets
- Networks
- Methodological expertise

Needs/desires

- Help with co-creation & citizen science
- Methodological support
- Time (5x)
- Identifying and connecting to others with relevant expertise or skillsets (11x)

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Activity: What are your ...

Hopes

Fears

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... About
Resilience In
Youth

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Utilizing our network for collaboration

Share with each other upcoming:

- Meetings
- Events
- Workshops

Get in touch and help us establishing the ideal platform to connect everyone here 😊

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How do we get there?

Please share your ideas for topics and or set-ups for future national-level meetings

- Research
- Education
- Societal impact
- Skills / career development

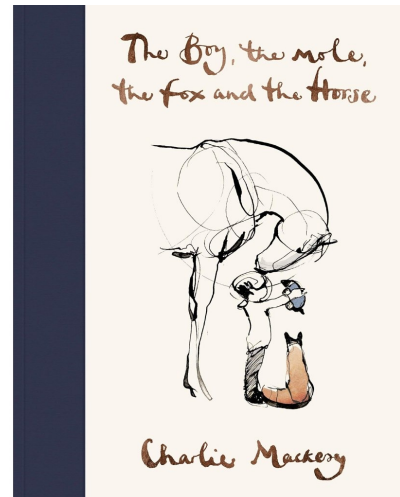
Add your name to topics / questions



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Kickoff Meeting Resilience in Youth

This was only the beginning . . .



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"We have such a long way
to go," sighed the boy



"Yes, but look how far we
have come," said the horse.

Charlie Mackesy

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