

William E. Copeland
CURRICULUM VITAE

Position: Professor
Department of Psychiatry

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EDUCATION

Year	Institution	Degree	Area of Degree, Accolades
2004	Duke University Medical Center	Intern	Child Clinical Psychology
1998-2004	University of Vermont	PhD	Clinical Psychology Advisor B. Compas
1993-1997	Wheaton College	BS	Psychology

LICENSES, CERTIFICATION

Years	License/Certification
2018- present	Licensed Psychologist #048.0134169, Vermont
2005-2018	Licensed Psychologist #3343, North Carolina

FACULTY POSITIONS HELD

Years	Institution	Academic Title	Department
2024-	University of Vermont	Endowed Chair	Psychiatry
2024-	University of Vermont	Tenured Professor	Psychiatry
2018	University of Vermont	Professor	Psychiatry
2018-	Duke University Medical Center	Adjunct Professor	Psychiatry
2020	Duke University	Visiting Scholar	SSRI
2017-2018	Duke University Medical Center	Professor	Psychiatry
2010-2017	Duke University Medical Center	Associate Professor	Psychiatry
2005-2010	Duke University Medical Center	Assistant Professor	Psychiatry
2004-2005	Duke University Medical Center	Clinical Associate	Psychiatry

OTHER POSITIONS AND MAJOR ADMINISTRATIVE POSITIONS HELD

Years	Location/Program Name	Role
2022-	UVM/Research Center for Children, Youth, and Families	Vice President
2018-	UVM/Vermont Center for Children, Youth and Families	Director of Research
2013-	Duke/Center for Child and Family Policy	Faculty Fellow

HONORS AND AWARDS *[All inclusive, most recent last]*

Year	Name of Award
2024	Top 1% Highly Cited Researcher in Psychiatry and Psychology
2024	Thomas M. Achenbach Chair in Developmental Psychopathology
2023	Top 1% Highly Cited Researcher in Psychiatry and Psychology
2022	Master Teacher, LCOMU Teaching Academy
2022	Top 1% Highly Cited Researcher in Psychiatry and Psychology
2021	Top 1% Highly Cited Researcher in Psychiatry and Psychology
2020	Top 1% Highly Cited Researcher in Psychiatry and Psychology
2019	Top 1% Highly Cited Researcher in Psychiatry and Psychology
2017	Top 1% Highly Cited Researcher in Psychiatry and Psychology
2009	Travel Awardee, ACNP Early Career Development
2008	Young Investigator Award, NARSAD
2006	Selectee, Career Development Institute
2006	Travel awardee, International Center of Mental Health Policy

KEYWORDS/AREAS OF INTEREST *Please provide a set of MESH indexing terms to describe your research and/or clinical interests.]*

Child development, adolescent development, psychosocial functioning, mental health, anxiety disorders, mood disorders, Disruptive, Impulse Control, and Conduct Disorders, substance-related disorders, trauma and stressor-related disorders, genetics, epidemiology

SUMMARY OF PROFESSIONAL ACTIVITIES- OVERALL *needed for promotion and reappointment. Principle activity (e.g. teaching, research or clinical) Focus on activities in last 5 years, but include longer time periods as appropriate. Be concise and limit to 500 words or less.]*

I was hired as a Professor of Psychiatry at the University of Vermont in 2018 after spending 15 years at Duke University. My professional effort is allocated primarily towards research, with lesser commitments to teaching and service (70:20:10, respectively). Since arriving at UVM, I have been successful with growing my research portfolio with 5 R-series grants and ~90 peer-reviewed publications. At the same time, I have taught in the LCOMU undergraduate program for total of 11 courses in 5 years and mentored 20+ junior faculty, postdoctoral fellows, medical students, graduate students and undergraduate students. In 2024, I was awarded tenure and named as the Thomas M. Achenbach Chair in Developmental Psychopathology. Finally, I have continued to participate in service activities by being a member of the editorial board of multiple scholarly journals including editor-at-large for methodology and statistics at the Journal of the American Academy of Child and Adolescent

Psychiatry, the Associate Editor of Social Psychiatry and Psychiatric Epidemiology, and a standing member on two NIH study sections.

SUMMARY OF ACCOMPLISHMENTS *Please indicate no more than 8 career accomplishments. Use Single sentences and bullets.*

- PI of the 30+ year landmark longitudinal Great Smoky Mountain Study
- Clarivate Top 1% Highly Cited Researcher for 7 separate years
- Continual NIH funding for 20 consecutive years (every year since PhD), including K-series, R-series and P-series awards from NIMH, NIDA, NIA, and NICHD
- 170+ peer-reviewed, original research papers
- Publications in top psychiatric and medical journals including JAMA, PNAS, Nature Communications, JAMA: Pediatrics, JAMA: Psychiatry, Lancet: Psychiatry
- Named as Thomas M. Achenbach Endowed Chair in Developmental Psychopathology

PROFESSIONAL SERVICE

DEPARTMENTAL SERVICE

Years	Location/Program Name	Role
2022-	Search Committee, Division of Child/Adol Psychiatry	Chair
2022-	UVM/Research Center for Children, Youth, and Families	Vice President
2018-	UVM/Vermont Center for Children, Youth and Families	Director of Research

COLLEGE SERVICES -none

MEDICAL CENTER SERVICE

Years	Location/Program Name	Role
2023-	Edupreneurship Office (LCOME) Advisory Committee	Member
2023-	Medical Group Educational Scholarship Award Committee	Member

UNIVERSITY SERVICE -none

GOVERNMENT

Years	Service Committee	Role
2022-2023	NIH/CSR Study Section (RPPR)	Standing member
2018-2022	NIH/CSR Study Section (BGES)	Standing member
2018	NIH/CSR Study Section (BGES)	Ad hoc
2016	NIH/CSR Study Section (BGES)	Ad hoc
2014	NIH/CSR Study Section Special Emphasis Panel (TW-13-002)	Reviewer
2013	NIH/CSR Study Section (PDRP)	Ad hoc
2012	NIH/CSR Study Section (PDRP)	Ad hoc
2011	Health Resach Council of New Zealand	Reviewer
2014	NIH/CSR Study Section Special Emphasis Panel (HD-10-010)	Reviewer

2012	NIH/CSR DREAM Career Transition Award Program	Reviewer
2009	Canadian Institutes of Health	Reviewer

SOCIETY MEMBERSHIPS

Years	Society
2017-	Fellow, American Psychopathological Association
2015-	Member, Psychiatric Research Society
2005-	Life History Society
2005-	International Society for Research in Child & Adolescent Psychopathology

SERVICE TO PROFESSIONAL ORGANIZATIONS - none

SERVICE TO PROFESSIONAL PUBLICATIONS

Years	Journal/Publication/Board
2025-	Editorial Board, Development and Psychopathology
2024-	Editor-at-Large, Methodology and Statistics, Journal of the American Academy of Child and Adolescent Psychiatry
2016-2022	Associate Editor, Social Psychiatry and Psychiatric Epidemiology
2016-	Editorial Board, Journal of Child Psychology and Psychiatry
2014-	Editorial Board, Journal of Emotional and Behavioral Disorders
2010-	Editorial Board, Frontier in Child and Neurodevelopmental Psychiatry
2009-2015	Editorial Board, International Journals of Methods in Psychiatric Research
2004-	Ad Hoc Reviewer for over 50 Journals

PUBLIC SERVICE

Years	Service Role
2023	Expert panel for VBRN Grant Writing Workshop
2015	Expert panel for Workshop on Epigenomics and Maltreatment
2014	SAMSHA expert panel on Operationalizing SED
2014	SAMSHA expert panel on Assessing SED
2014	House of Commons Breakfast on Long-term impact of Bullying
2014	NIH Expert panel on Childhood Irritability
2013	HRSA Expert panel on Rural Mental Health
2013	IOM workshop on Young Adult Health
2010-2011	Mental Health Commission of Canada on Diagnostic transitions

SUMMARY OF SERVICE ACTIVITIES *Please summarize highlights of your service activities since last advancement; please limit to 1-2 paragraphs and 500 words.*

My service at the Departmental, University and Federal levels have all revolved around my primary responsibility of academic research. In my department, this has involved being the Director of Research in the Vermont Center for Children, Youth and Families. I am also the Vice President of the Research Center for Children, Youth and Families begun by Dr. Achenbach 20 years ago for the purpose disseminating his work in assessment of mental health problems. I have also served on Federal grant review committees for the NIH as a standing member and in an ad hoc capacity throughout my career, and as a standing member

of the RPPR study section. I also serve on the editorial board for multiple journals and I was Associate Editor of Social Psychiatry and Psychiatric Epidemiology.

TEACHING

FORMAL SCHEDULED COURSES

Year	Course Title	Course R E		Hours	Number of Learners	Learner Level
2024	COMU001A Healthy Brains, Healthy Bodies		X	45	~150	UG
2024	COMU001B Healthy Brains, Healthy Bodies		X	45	~100	UG
2023	COMU001A Healthy Brains, Healthy Bodies		X	45	~190	UG
2023	COMU001B Healthy Brains, Healthy Bodies		X	45	~130	UG
2022	COMU001A Healthy Brains, Healthy Bodies		X	45	~120	UG
2021	COMU001A Healthy Brains, Healthy Bodies		X	45	~200	UG
2021	COMU001B Healthy Brains, Healthy Bodies		X	45	~200	UG
2020	COMU125A The Science of Happiness		X	45	~20	UG
2020	COMU001A Healthy Brains, Healthy Bodies		X	45	~200	UG
2020	COMU001B Healthy Brains, Healthy Bodies		X	45	~200	UG
2019	COMU001A Healthy Brains, Healthy Bodies		X	45	~200	UG
2019	COMU001B Healthy Brains, Healthy Bodies		X	45	~200	UG
2018	COMU001B Healthy Brains, Healthy Bodies		X	45	~200	UG

R-required; E-elective; Hours-approx. per semester; G-graduate studies (instruction as per the LCOM Teaching Academy Portfolio)

CURRICULUM DEVELOPMENT

Adapted two LCOMU classes for Continuing and Distance Education.

POSTGRADUATE AND OTHER COURSES- none

PREDOCTORAL STUDENTS SUPERVISED OR MENTORED *[list all individual students supervised or mentored. Give dates; State whether undergraduate, medical school, or graduate school; list current position if known; describe Mentoring role, e.g. thesis advisor, personal advisor, research advisor, etc... Note same table as found in Teaching Academy Portfolio]*

Dates	Name	Program School	Role	Current Position
2023-	Taylor Walker	Medical Student	Research Advisor	Medical Student
2023-	JharnaJahnavi	Medical Student	Research Advisor	Medical Student
2023-	Anika Advant	Medical Student	Research Advisor	Medical Student
2022-	Aduago Chikezie	Medical Student	Research Advisor	Medical Student
2022-	Paige Brann	Graduate student	Research Advisor	Grad Student, Michigan

2022-	Liang Cai	Graduate student	Research Advisor	Grad Student, Michigan
2021-	Margaret Redic	Post-baccalaureate	Research Advisor	Post-baccalaureate UNC
2021-	Megan Davis	Post-baccalaureate	Research Advisor	Post-baccalaureate UNC
2021-	Chrstina Kamis	PhD	Research Advisor	Postdoctoral Fellow, U of Wisconsin
2021-	Ryan Keen	PhD	Research Advisor	Graduate Student Harvard
2021-	Hakeem Yousef	Medical Student	Research Advisor	Fellow
2021-	Ankrish Milne	Medical Student	Research Advisor	Medical Student
2021-	Carly Watson	Medical Student	Research Advisor	Medical Student
2021-	Alexandra Novelli	Medical Student	Research Advisor	Medical Student
2020-2021	Yllza Xerxa	PhD	Research Advisor	Postdoctoral Fellow, NYU
2020-	Sarah Kwiatek	Undergrad/Post-baccalaureate	Research Advisor	Post-baccalaureate Duke
2020-	Julie Halvorsen-Phelan	Post-baccalaureate	Research Advisor	Medical Student UVM
2019-2022	Sam Pasqualoni	Undergrad	Research Advisor	Post-baccalaureate Broad Institute

DISSERTATION/THESIS COMMITTEE MEMBERSHIP

POSTDOCTORAL FELLOWS AND RESIDENTS DIRECTLY SUPERVISED OR MENTORED

[list all, defining research or clinical supervision; give dates; list current position if known; describe Mentoring role, e.g. personal advisor, research advisor, career advisor, etc.]

Dates	Name	Fellow	Faculty Role	Current Position
2023-	Ryan Keen	Postdoctoral Fellow	Research	Postdoctoral fellow, Harvard
2021-2022	Josie Caves	Postdoctoral Fellow	research/grant review,	Research Public Health Analyst RTI
2021	Christina Kamis	Postdoctoral Fellow	research/grant review,	Postdoctoral Fellow, U of Wisconsin

2019-2020	Ellen McGinnis, PhD	Postdoctoral Fellow	research/grant review, informal career advisor	Assistant Professor UVM
2019-2020	Tony Tong PhD	Postdoctoral Fellow	research/grant review, informal career advisor	Associate Research Scientist Yale
2018	Matthew Albaugh, PhD	Postdoctoral Fellow	informal career advisor, research/grant review	Assistant Professor UVM

INFORMAL TEACHING [Describe nature of this teaching at least since last advancement. Optional if covered in direct teaching table]

Year One Sentence Description of Teaching

FACULTY MENTORED [list all; list the current position of the faculty mentored; list dates; describe Mentoring role, e.g. assigned faculty Mentor, informal career advisor, personal advisor, research/grant review, etc.]

Dates	Name	Position while Mentored	Faculty Role	Current Position
2021-	Tony Tong, PhD	Postdoc/Research Scientist	informal career advisor, research/grant review	Assistant Professor, Yale
2020-	Ellen McGinnis, PhD	Postdoc/Assistant Professor	Research advisor, NIH K23 Mentor	Assistant Professor, Wake Forest
2016	Yang Bai, PhD	Assistant professor UVM	informal career advisor, research/grant review	Assistant Professor, U of Utah
2014-	Kim Carpenter, PhD	Postdoctoral Fellow /Assistant Professor	informal career advisor, research/grant review	Assistant Professor Duke

OTHER VISITING FACULTY SUPERVISED - none

TEACHING AIDS - none

TEACHING AWARDS AND NOMINATIONS - none

SUMMARY OF TEACHING ACTIVITIES

My research is fulltime, but I came to UVM in 2018 with the goal of carving out additional time for teaching and mentorship. Since arriving at UVM in 2018, I have taught the undergraduate LCOMU 001 Health Brains, Health Bodies course each fall and also taught the Science of Happiness course for total of 11 courses in just 5 years. The HBHB course is a banner undergraduate course with typical enrollments of over 200 students per class. Student evaluations have consistently reflected a high level of satisfaction with my lectures. I have also

worked with Continuing Education to develop LCOMU courses for Continuing and Distance Education. I have mentored over 20 junior faculty, postdoctoral fellows, medical students, graduate students and undergraduate students. I am the primary mentor on Dr. Ellen McGinnis' K-series training award and I have published 10+ publications with her. In the past year, I have mentored 10 women or people of color. Also, I am leading a medical student research group with 4 students to study burnout and wellness behaviors amongst medical students. Based upon this body of work, I was admitted to the LCOMU Teaching Academy as a Master Teacher in 2022.

RESEARCH AND SCHOLARLY ACTIVITIES

RESEARCH AWARDS AND GRANTS [*Current and Pending Grants, Contracts, etc.*]

List grant title and number (*use the NIH format so that this can be cut and pasted into NIH style biosketch*), your role on the grant (e.g. PI, co-investigator, or consultant.), (funding period, source of funding, the following direct costs for year 1, total direct costs for entire period of grant is optional)]

Ongoing Research Support

R01 HD 093651 Copeland (UVM PI) 09/01/2024-06/30/2029

Intervention Impacts on Child Wellbeing and Parenting across Generations

This study will study the effects of multiple human capital interventions on outcomes in children of the original participants. This will involve data collection on participants and children from the Fast track and Great Smoky Mountain study.

Role Site PI

R01 AG 080485 Copeland (PI) 09/15/2023-05/31/2028

Mid-Life Health Inequalities in the Rural South: Risk and Resilience

This new study augments data being collected (and already funded) for two GSMS-RA samples in western North Carolina with two new samples from the northeastern part of the State, one of African Americans and the other of non-African Americans, ages of 30 and 55, that will be recruited from rural Census tracts of the "Black Belt" region of the state.

Role PI

R01 MH 120314 Copeland (PI) 8/01/20-7/31/2025

Neural pathways linking early adversity to adolescent mental health

The current proposal tests a novel conceptual model focused on the type of adverse exposure, which differentiates two primary dimensions of experience underlying multiple forms of adversity: deprivation and threat.

Role: PI

R01 AG 072459 Copeland (PI) 04/01/2020-3/31/2026

The Great Smoky Mountains Study of Rural Aging

This application proposes data collection to augment the longitudinal Great Smoky Mountains Study (GSMS) to create a national data resource, the Great Smoky Mountains Study of Rural Aging (GSMS-RA), for the study of early determinants of the aging experience in a rural context.

Role: PI

R01 HD093651 Copeland (PI) 6/30/2019-5/31/2024
Diseases of Despair in Young Adulthood: Risk, Resilience, and Prevention
 The goal of this project is to utilize secondary data analysis of three complementary, long-standing, prospective- longitudinal data sets spanning childhood, adolescence, and young adulthood, with recent assessments in young adulthood to test a comprehensive risk model for the development of disease of despair across the first 4 decades of life.
 Role: PI

R01 HD093651 Copeland(PI) 7/1/2019-6/30/2023
Intergenerational Persistence of Treatment Effects
 The aim of this subcontract is for Dr. Copeland to coordinate with Dr. Dodge and the Duke-based Great Smoky Mountain Study (GSMS) team to supervise all aspects of GSMS data collection, provide access to the rich archive of data accumulated over the last three decades on the GSMS participants, author papers, and conduct and lead analyses of the GSMS data testing for effects of the positive income shock on future parenting and offspring outcomes.
 Role: PI

Completed Research Support

CHDI Pilot Grant Copeland (PI) 2018-2021
Intergenerational Transmission of Resilience to Adverse Childhood Events
 The goal of this project is to test the effects of resilience to adverse childhood experiences on offspring behavioral and emotional functioning as well as biological markers of stress.
 Role: PI

R01 HD093651 Dodge (PI) 2017-2022
Intergenerational Persistence of Treatment Effects in Human Capital Interventions
 The goal of this project is to test how successful childhood interventions to two landmark longitudinal studies – the Great Smoky Mountains Study and the Fast Track Community Intervention - influence future parenting and whether benefits persist into the next generation.
 Role: Subaward PI

R01MH0104576 van den Oord (PI) 2014-2019
Developmental Methyloomics of childhood trauma and its health consequences
 The goals of this project are to characterize how early adversities become “embedded” in the methylome and to identify the biologically processes that affect the long term health risks.
 Role: Subaward PI

P30 DA023026 Hoyle (PI) 2014-2018
Center for the Study of Adolescent Risk and Resilience: Biological Methods Core
 The Center for the Study of Adolescent Risk and Resilience (C-StARR) is a continuation of a center initially funded as a developmental (P20) center. The proposed center supports an interdisciplinary team of behavioral scientists to conduct innovative research on the causes and consequences of substance use during late adolescence, the period when substance becomes costly. The research agenda is to promote work on the genetic, neural, and cognitive mechanisms of self-regulation and their relation to substance use and misuse.
 Role: Co-I

R01 DA036523 Copeland (PI) 2014-2017
Center for the Study of Adolescent Risk and Resilience: Biological Methods Core

This application is submitted by an Early Stage Investigator in response to PAR-13-080 “Accelerating the Pace of Drug Abuse Research Using Existing Data (R01).” The study takes advantage of the prospective, longitudinal Great Smoky Mountain Study to test a comprehensive life-course model of risk, resilience, and outcomes of early substance use, and to examine race/ethnicity and sex differences in risk for early substance use and subsequent adult outcomes.

Role: PI

U01AA021681 DeBellis (PI) 2012-2017

National Consortium on Alcohol and NeuroDevelopment in Adolescence: Duke

The National Consortium on Alcohol and Neurodevelopment in Adolescence (N-CANDA) will use multimodal brain imaging, neuropsychological testing and clinical assessments in a large adolescents sample followed over four years to determine neurodevelopmental risks for problematic alcohol use and alcohol effects on adolescent brain development. In addition to contributing to this goal, N-CANDA: Duke will also determine the effects of adolescent alcohol use.

Role: CO-I

R01 DA011301 Costello (PI) 2011-2016

Vulnerability to drug abuse: Pathways to recovery

Follows up the GSMS sample at age 30 to examine causes and consequences of recovery from Substance Use Disorders.

Role: CO-I

NARSAD Young Investigator Award Copeland (PI) 2008-2010

Stress Biomarkers and Childhood Depression: The role of age, stage of illness, and stressor exposure

One potential pathway to depressed mood involves the dysregulation of biological stress response systems. We propose to test three alternative explanations for this apparent age-related or developmental effect by looking at six stress biomarkers in following systems: HPA axis function, immune response, and cell-mediated immunity. The study design builds on a population-based longitudinal sample, the Great Smoky Mountain Study, which has collected 8804 assessments (up to 10 assessments per subject) of 1420 subjects aged 9-21.

Role: PI

R01 DA022308 DeBellis (PI) 2008-2014

Prefrontal function in Adolescent limited vs. Lifecourse persistent SUD

Selects 160 of the GSMS sample for functional and structural neuroimaging to examine the long-term effects on the brain of adolescent alcohol and/or cannabis abuse/dependence.

Role: CO-I

R21MH083964 Costello (PI) 2008-2012

Sex, stress, and emotional disorders: Uniting preclinical and epidemiologic Research

Provides support for bringing together a group of leading researchers on animal and human stress and gender to prepare a Center application.

Role: CO-I

R01 DA024413 Costello (PI) 2007-2013

A Developmental Model of Gene- Interplay in SUDs

The aims of this proposal were to complete genomewide genotyping on three representative longitudinal samples (N~2400) for the purpose of genotype-phenotype association testing on vulnerability to substance use disorders as well a gene-environment interactions.

Role: CO-I

K23 MH080230 Copeland (PI) 2008-2013

Gene-Environment Interplay, Development, and Emotional Disorders

The purpose of this Mentored Patient-Oriented Research Career Development Award (K23) is to enable the candidate to become an independent researcher investigating genomic contributions to developmental psychopathology under conditions of stress. The application proposes a program of research to study the pleiomorphic psychopathologic expression of promising genetic markers under varying conditions of adversity across childhood and adolescence.

Role: PI

R01 DA022308 Costello (PI) 2005-2011

Vulnerability to drug abuse: Effects of stressors and stress

Follows up the Great Smoky Mountains Study sample in their mid-20s, examining biomarkers of response to stressors as mediators of the effects of stress on drug abuse.

Role: CO-I

R01 MH-63970 Costello (PI) 2002-2007

Growing up violent in Rural America

The goal of this project was to test the bioecological model of developmental risk to violence by adding measures of community, school system, and costs of violence, to ongoing longitudinal study of the development of child psychopathology.

Role: CO-I

R01 MH66497 Angold (PI) 2002-2007

Validity without a Gold Standard

The goals of this proposal were to assemble and analyze a representative collection of data sets relevant to the validity of screens for child psychiatric disorder and to rigorously test the most promising screens, in relation to 3 state-of-the-art diagnostic interviews (Diagnostic Interview Schedule for Children (DISC-IV), Child and Adolescent Psychiatric Assessment (CAPA), Developmental and Well-Being Assessment (DAWBA)).

Role: CO-I

Pending

R01 HD093651 Lansford (PI) Submitted 7/1/2023

Intergenerational Persistence of Treatment Effects in Human Capital Interventions

The goal of this project is to test how successful childhood interventions to two landmark longitudinal studies – the Great Smoky Mountains Study and the Fast Track Community Intervention - influence future parenting and whether benefits persist into the next generation.

SCHOLARSHIP

Peer Reviewed Publications *All inclusive. Numbered. List publications in chronological order (**oldest first**). Include full list of authors (no "et al."), full title, and full citation and date (include PMCD number, H-Index). Manuscripts accepted but not yet published can be included as "In Press" after the name of the Journal. In press, submitted and in preparation manuscripts may be included **but clearly indicated as such**. Tip: Bold your name.]*

Original Research

1. Hudziak JJ, **Copeland WE**, Rudiger LP, Achenbach TM, Heath AC, & Todd RD. (2003). Genetic Influences on Childhood Competencies: A Twin Study. *Journal of the American Academy of Child and Adolescent Psychiatry*, 6, 298- 303.
2. **Copeland WE**, Landry K, Stanger C, & Hudziak JJ. (2004). Multi-informant assessment of temperament in childhood and adolescent: The Junior Temperament and Character Inventory. *Journal of Child and Adolescent Clinical Psychology*, 33, 547-556.
3. Hudziak JJ, **Copeland WE**, Stanger C, & Wadsworth ME. (2004). Screening for DSM-IV Externalizing Disorders with the Child Behavior Checklist: A Receiver- Operating Curve Analysis. *Journal of Child Psychology and Psychiatry*, 45, 1299-1307.
4. Rettew DC, **Copeland WE**, Stanger C, Hudziak JJ. (2004). Associations between temperament and DSM-IV externalizing disorders in children and adolescents. *Journal of Developmental and Behavioral Pediatrics*, 25, 383-391.
5. Hudziak JJ, Derke EM, Althoff RR, **Copeland WE**, & Boomsa, DI. (2005). The Genetic and Environmental Contributions to Oppositional Defiant Disorder: A Multi-Informant Twin Study. *Journal of the American Academy of Child and Adolescent Psychiatry*, 44, 907-914.
6. Althoff RR, **Copeland WE**, Stanger C, Derks EM, Todd RD, Neuman RJ, Van Beijsterveldt CEM, Boomsma DI, Hudziak JJ. (2006) The Latent Class Structure of ADHD is Stable Across Informants. *Twin Research and Human Genetics*, 9(4), 507-522.
7. Costello EJ, **Copeland WE**, Cowell A, & Keeler G. (2007) Service costs of caring for adolescents with mental illness in a rural community, 1993-2000. *American Journal of Psychiatry*, 164, 36-42.
8. **Copeland WE**, Keeler G, Angold A, & Costello EJ. (2007) Traumatic events and posttraumatic stress in childhood. *Archives of General Psychiatry*, 64, 577-584.
9. **Copeland WE**, Miller-Johnson S, Keeler G, Angold A, & Costello EJ. (2007) Childhood Psychiatric Disorders and Young Adult Crime: A Prospective, Population-Based Study. *American Journal of Psychiatry*, 164, 1668-1675.
10. Shanahan L, **Copeland WE**, Costello EJ, & Angold A. (2008) Specificity of putative psychosocial risk factors for childhood and adolescent disorders. *Journal of Child Psychology and Psychiatry*, 49(1), 34-42.

11. Brown RA, Adler NE, Worthman CM, **Copeland WE**, & Costello EJ. (2008) Cultural and community determinants of subjective social status among Cherokee and White youth. *Ethnicity & Health*, 13(4), 289-303. NIHMSID: NIHMS111343.
12. Brown RA, Rehkopf DH, **Copeland WE**, Costello EJ, & Worthman CM. (2009) Life course priorities among Appalachian emerging adults: Revisiting Wallace's organization of diversity. *Ethos*, 36(2), 225-242. NIHMSID: NIHMS129440.
13. **Copeland WE**, Shanahan L, Costello EJ, & Angold A. (2009) Configurations of Common Childhood Risk Factors. *Journal of Child Psychology and Psychiatry*, 50(4), 451-459. PMCID: PMC2685166.
14. Brown RA, Kuzara J, **Copeland WE**, Costello EJ, Angold A, & Worthman CM. (2009) Moving from ethnography to epidemiology: lessons learned in Appalachia. *Annals of Human Biology*, 36(3), 248-260. PMCID: PMC2868371.
15. **Copeland WE**, Shanahan L, Costello EJ, & Angold A. (2009) Childhood and Adolescent Psychiatric Disorders as predictors of Young adult Disorders. *Archives of General Psychiatry*, 66(7), 764-772. PMCID: PMC2891142.
16. Brown RA, **Copeland WE**, Worthman CM, Costello EJ, Angold, A, & Erkanli, A (2009) Family and community influences on educational goals and attainment among rural Appalachian youth. *Journal of Community Psychology*, 37(7), 795-808. PMCID: PMC3882117.
17. Akee R, **Copeland WE**, Keeler G, Angold A, & Costello EJ. (2010) Parents' incomes and children's outcomes: A quasi-experiment. *American Economic Journal: Applied Economics*, 2(1), 86-115. PMCID: PMC2891175.
18. Jonassaint CR, Boyle SH, Kuhn CM, Siegler IC, **Copeland WE**, Williams RB. (2010) Personality and inflammation: racial differences in the protective effect of Openness to Experience on C-reactive protein levels. *Ethnicity and Health*, 20(1), 11-14. PMCID: PMC2898189.
19. Sterba SK, **Copeland WE**, Egger HL, Costello EJ, Erkanli A, & Angold A. (2010) Longitudinal dimensionality of adolescent psychopathology: Testing the differentiation hypothesis. *Journal of Child Psychology and Psychiatry*, 51(8): 871-84. PMCID: PMC3630513.
20. **Copeland WE**, Shanahan L, Miller S, Costello EJ, Angold A, & Maughan B. (2010) Outcomes of Early Pubertal Timing in Young Women: A Prospective Population Based Study. *American Journal of Psychiatry*, 167(10): 1218-1225. PMCID: PMC2992443.
21. Costello EJ, Erkanli A, **Copeland WE**, Angold A. (2010) Association of family income supplements in adolescence with development of psychiatric and substance use disorders in adulthood among an American Indian population. *JAMA* 303: 1954-1960. PMCID: PMC3049729.

22. **Copeland WE**, Keeler G, Angold A, Costello EJ (2010). Posttraumatic stress without trauma in children. *American Journal of Psychiatry* 167: 1059-65. PMCID: PMC2936664.
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 157. Davis, MM, Navarro, E, Carpenter, KL, **Copeland, WE**, Small, B, Egger, HL, & Sheridan, MA. (in press).(2023) Early Life Adversity and Psychopathology in Preschoolers: Mechanisms and Moderators. *European Academy of Child & Adolescent Psychiatry*.
 158. Caves Sivaraman, J., Tong, T., Easter MM, Swanson JW, **Copeland, WE**. (in press). Violent experiences and patterns of firearm ownership from childhood to young adulthood. *JAMA Network Open*.
 159. Rothenberg, W.A., Lansford, J.E., Godwin, J.W., Dodge, K.A., **Copeland, W.E.**, Odgers, C.L., McMahon, R. J., Rybinska, A., & Conduct Problems Prevention Research Group (in press). Intergenerational effects of the Fast Track intervention on next-generation child outcomes: A pre-registered randomized clinical trial. *American Journal of Psychiatry*.
 160. **Copeland, W.E.**, McGinnis, E. W., Halvorson-Phelan, J., & Shanahan, L. (in press). Adult Mental Health, Substance and Functional Outcomes of Children Resilient to Early Adversity. *American Journal of Psychiatry*.

161. Clark, SL, McGinnis EW, Zhao M, Xie L, Marks GT, Aberg KA, van den Oord EJCG, **Copeland WE.** (2023) The Impact of Childhood Mental Health and Substance Use on Methylation Aging Into Adulthood. *J Am Acad Child Adolesc Psychiatry*.
162. McGinnis EW, Lunna S, Berman I, Loftness BC, Bagdon S, Danforth CM, Price M, **Copeland WE**, McGinnis RS. (2023) Discovering Digital Biomarkers of Panic Attack Risk in Consumer Wearables Data. *Annu Int Conf IEEE Eng Med Biol Soc*.
163. Gosling, C. J., Caparos, S., Pinabiaux, C., Schwarzer, G., Rücker, G., Agha, S. S., Alrouh, H., Ambler, A., Anderson, P., Andiarena, A., Arnold, L. E., Arseneault, L., Asherson, P., Babinski, L., Barbati, V., Barkley, R., Barros, A. J. D., Barros, F., Bates, J. E., **Copeland, W.E.**, . . . Cortese, S. (2023). Association between relative age at school and persistence of ADHD in prospective studies: an individual participant data meta-analysis. *The Lancet Psychiatry*, 10(12), 922-933. [https://doi.org/10.1016/S2215-0366\(23\)00272-9](https://doi.org/10.1016/S2215-0366(23)00272-9)
164. Pasqualoni, S. Bai, Y., Curl A., Rettew J., Kimball, L., Devadanam, V., Yousef, H., Hudziak, J., **Copeland, W.E.** (2024)The substance use behaviors change of first-year college students before and during COVID-19 pandemic. *J Am Coll Health*.
165. O’Leary, A. Lahey, T. Lovato, J. Loftness, B. Douglas, A. Skelton, J. Cohen, J.G. **Copeland, W.E.** McGinnis, E.W. (2024) Using Wearable Digital Devices to Screen Children for Mental Health Conditions: Ethical Promises and Challenges. *Sensors*.
166. Kwiatek, S. M., Cai, L., Cagney, K. A., **Copeland, W. E.**, Hotz, V. J., & Hoyle, R. H. (2024). Comparative assessment of the feasibility and validity of daily activity space in urban and non-urban settings. *Plos one*, 19(1), e0297492.
167. Shanahan, L., & **Copeland, W. E.** (2024). Commentary: Integrative, multi-level explanatory models are needed to understand recent trends in sex, gender, and internalizing conditions, reflections on Keyes and Platt (2023). *Journal of Child Psychology and Psychiatry*, 65(4), 408-412.
168. Keen, R., Chen, J. T., Slopen, N., Sandel, M., **Copeland, W. E.**, & Tiemeier, H. (2024). The biological embedding of social adversity: How adolescent housing insecurity impacts inflammation over time. *Brain, Behavior, and Immunity*, 119, 1008-1015.
169. Kamis, C., Lynch, S. M., & **Copeland, W. E.** (2024). Associations between Configurations of Childhood Adversity and Adult Mental Health Disorder Outcomes. *Society and mental health*, 14(1), 23-38.
170. Bustos, B., Lopez, M., Dodge, K. A., Lansford, J. E., **Copeland, W. E.**, Odgers, C. L., & Bruckner, T. A. (2024). Family cash transfers in childhood and birthing persons and birth outcomes later in life. *SSM-Population Health*, 25, 101623.
171. Rothenberg, W. A., Godwin, J. W., **Copeland, W. E.**, Shanahan, L., Gaydosh, L., Gutin, I., & Coltrane, A. (2024). Taking John Schulenberg's “long view” on successful transitions to adulthood: Associations with adult substance use. *Journal of research on adolescence*.
172. Ivanova, M. Y., Hall, A., Weinberger, S., Buckingham, S. L., **Copeland, W. E.**, Crockett, P., ... & Hudziak, J. J. (2024). A Pilot Randomized Controlled Trial of the Family

- Assessment and Feedback Intervention (FAFI): Effects on Mental Health Literacy and Attitudinal Engagement with Health Supports and Services. *Child Psychiatry & Human Development*, 1-9.
173. **Copeland, W. E.**, Keen, R., Tong, G., & Shanahan, L. (2024). Negative Life Events and Emotional Symptoms From Ages 2 to 30 Years. *JAMA Network Open*, 7(8), e2429448-e2429448. <https://doi.org/10.1001/jamanetworkopen.2024.29448>
 174. Bruckner, T. A., Bustos, B., Dodge, K. A., Lansford, J. E., Odgers, C. L., & **Copeland, W. E.** (2024). Intergenerational effects of a casino-funded family transfer program on educational outcomes in an American Indian community. *Nature communications*, 15(1), 8168. <https://doi.org/10.1038/s41467-024-52428-w>
 175. Yu, W., Thurston, G., Shao, Y., Zhang, Y., **Copeland, W. E.**, & Stein, C. R. (2024). Ambient Air Pollution and Depressed Mood in the National Longitudinal Study of Adolescent to Adult Health (Add Health) Wave IV. *American Journal of Epidemiology*. <https://doi.org/10.1093/aje/kwae314>
 176. Han LKM, Aghajani M, Penninx BWJH, **Copeland WE**, Aberg KA, van den Oord EJCG. Lagged effects of childhood depressive symptoms on adult epigenetic aging. *Psychological Medicine*. 2024;54(12):3398-3406. doi:10.1017/S0033291724001570
 177. Georgiades, A., Godwin, J., Andrade, F. C., **Copeland, W. E.**, Davisson, E. K., Kuhn, C. M., ... Hoyle, R. H. (2024). Hair Cortisol Concentrations in the Prediction of Early Substance Use Engagement in Youth. *Substance Use & Misuse*, 60(2), 244–256. <https://doi.org/10.1080/10826084.2024.2423366>
 178. Adams, M. J., Streit, F., Meng, X., Awasthi, S., Adey, B. N., Choi, K. W., Chundru, V. K., Coleman, J. R. I., Ferwerda, B., Foo, J. C., Gerring, Z. F., Giannakopoulou, O., Gupta, P., Hall, A. S. M., Harder, A., Howard, D. M., Hübel, C., Kwong, A. S. F., Levey, D. F., **Copeland, W.E.**, . . . McIntosh, A. M. Trans-ancestry genome-wide study of depression identifies 697 associations implicating cell types and pharmacotherapies. *Cell*. <https://doi.org/10.1016/j.cell.2024.12.002>
 179. Bai, Y., Burns, R., Ma, C., Curl, A., Hudziak, J., & **Copeland, William E.** (2024). Tracking Well-Being: A Comprehensive Analysis of Physical Activity and Mental Health in College Students Across COVID-19 Phases Using Ecological Momentary Assessment. *Scandinavian Journal of Medicine & Science in Sports*, 34(10), e14738. <https://doi.org/https://doi.org/10.1111/sms.14738>
 180. Tong, G., Sivaraman, J. C., Easter, M. M., Duke, N. N., Ranney, M. L., Swanson, J. W., & **Copeland, W. E.** (2025). Do Children’s Mental Health Symptoms Impact Their Access to Unlocked Guns at Home? *Journal of the American Academy of Child & Adolescent Psychiatry*. <https://doi.org/https://doi.org/10.1016/j.jaac.2025.04.011>

In Review – not listed

In Preparation – not listed

Non-Peer Reviewed Publications

All inclusive. This should be separated into subcategories if more than one publication such as Review Articles, Books and Chapters, Teaching Aids and Other Publications, etc. if you have more than a few entries]

Review Articles– noneBooks and Chapters

1. Costello EJ, Egger HL, **Copeland WE**, Erkanli A, & Angold A. The developmental epidemiology of anxiety disorders: Phenomenology, prevalence, and comorbidity. In Wendy Silverman and Andy Field (Eds.): *Anxiety Disorders in Children and Adolescents: Research, Assessment and Intervention*. Cambridge University Press.
2. **Copeland WE**, & McGinnis E. The epidemiology of childhood trauma and PTSD. In Matthew Friedman (Ed.): *Handbook of PTSD: Science and Practice*. 2021:76.

Other Scholarly Publications– none**Abstracts** – select abstracts

1. Florsheim P, **Copeland WE**, Korobov N, & Zollinger L. Interpersonal and Intrapersonal Predictors of Parenting Stress among Adolescent Mothers and Fathers. *Society for Research of Adolescence*. Feb 1998, San Diego, Ca.
2. **Copeland WE**, Burchard J, Coe M, & Tighe T. Negative peer relations as related to differences in behavioral outcomes. *System of Care for Children's Mental Health*. Feb 1999 Clearwater, Fl.
3. Brigidi B, Hudziak JJ, McGrath W, **Copeland WE**, Stanger C, & Connor J. Temperament and Character Traits as Predictors of Childhood Psychopathology and Competence. *Association for the Advancement of Behavior Therapy*. Nov, 16, 2000. New Orleans, La.
4. Brigidi B, Hudziak JJ, Stanger C, **Copeland WE**, & Church K. Poor parental monitoring, family conflict, and externalizing problems: The moderating role of callous-unemotional traits. *Association for the Advancement of Behavior Therapy*. Nov 2001. Philadelphia, Pa.
5. **Copeland WE**, Hudziak JJ, Stanger C, Brigidi B, & Church K. The Role of Callous-Unemotional Traits in Mediating Relations Among IQ and Externalizing Problems: A Structural Equation Modeling Analysis. *Association for the Advancement of Behavior Therapy*. Nov 2001. Philadelphia, Pa.
6. **Copeland WE**, Hudziak JJ, Stanger C, Brigidi B, & Church K. Callous-unemotional traits and IQ predict externalizing problems. *Academy of Child and Adolescent Psychiatry*. Oct 2002. San Francisco, Ca.

7. **Copeland WE**, Hudziak JJ, Stanger C, Brigidi B, & Church K. Callous-unemotional traits moderate relations among family variables and externalizing problems. *Academy of Child and Adolescent Psychiatry*. Oct 2002. San Francisco, Ca.
8. **Copeland, W.E.**, Hudziak, J., & Stanger, C. Child behavior checklist scores as predictors of disruptive behavior disorders. *Academy of Child and Adolescent Psychiatry*. Oct 2002. San Francisco, Ca.
9. Landry K, Hudziak JJ, **Copeland WE**, & Stanger C. Reliability and validity of a childhood temperament and character inventory. *Academy of Child and Adolescent Psychiatry*. Oct 2002. San Francisco, Ca.
10. Rettew DC, Althoff R, Stanger C, McKee L, **Copeland WE**, & Hudziak JJ. Does Fear of Novelty in Social and Nonsocial Domains exist together or apart? A Latent Class Approach. *Academy of Child and Adolescent Psychiatry*. Oct 2004. Washington, DC.
11. **Copeland WE**, Keeler G, & Costello EJ. The epidemiology of traumatic events and posttraumatic stress in childhood. *Academy of Child and Adolescent Psychiatry*. Oct, 2005. Toronto, On.
12. Compas BE, Jaser SS, Wadsworth M, & **Copeland WE**. Competence, Coping, and Depression. *Society for Research in Adolescence* May 2005. Atlanta, GA.
13. **Copeland WE**, Costello EJ, Miller-Johnson S, and Angold A, Predicting young adult criminality from childhood psychopathology: Findings from a rural sample. *Society for Research in Adolescence* March 2006. San Francisco, CA.
14. **Copeland WE**, Keeler G, Costello EJ, Which aspects of poverty predict childhood psychopathology? *Academy of Child and Adolescent Psychiatry*. October 2006. San Diego, CA.
15. **Copeland WE**, & Costello EJ, Developing an empirical model of family risk. *Academy of Child and Adolescent Psychiatry* October 2006. San Diego, CA.
16. Costello EJ, **Copeland WE**, & Angold A, Family and psychopathology: Structure or stability. *Academy of Child and Adolescent Psychiatry*. October 2006. San Diego, CA.
17. Brown R, **Copeland WE**, Worthman C, Angold A, Costello EJ. Community in mind: Area effects on models of marriage and education during emerging adulthood in Appalachia. *Conference on Emerging Adulthood*. Tuscon, Az; February 2007.
18. Brigidi BD, Fornnarino LN, **Copeland WE**, Friedman HS, & Raynor RH. Latent Class Analysis of Neurocognitive Impairment Following Cranial Irradiation and Chemotherapy in Adult Patients with Primary CNS Tumors, *35th Annual Meeting of the International Neuropsychological Society*, Portland OR; February 2007. M
19. Brigidi BD, **Copeland WE**, Friedman HS, & Raynor RH. Latent Class Analysis of Neurocognitive Impairment Following XRT and Temozolomide in Adult Patients with Primary CNS Tumors. *Annual Meeting of the Duke Comprehensive Cancer Center*, Durham, NC; March 2007.

20. **Copeland WE**, Keeler G, Costello EJ. Do loss and threat events predict specific outcomes in children? *American Psychopathological Association*. New York, NY; March 2007.
21. **Copeland WE**, Cowell A, Keeler G, & Costello EJ. Childhood Conduct Problems and Service Costs: Understanding the Expensive Kids. *8th Workshop on Costs and Assessment in Psychiatry: Investing in Mental Health Policy and Economics Research*. Venice, Italy; March 2007.
22. Brown R, **Copeland WE**, Worthman C, Costello EJ, & Angold A. Rural context matters: Area effects on educational goals and attainment among Appalachian emerging adults. *Society for Life History Research in Psychopathology*. Atlanta, GA; April 2007.
23. **Copeland WE**, Miller-Johnson S, & Costello EJ. Early pubertal timing and young adult criminality. *Society for Life History Research in Psychopathology*. Atlanta, GA; April 2007.
24. **Copeland WE**, Costello EJ, & Angold A. Income inequality, poverty, and childhood psychopathology. *International Federation of Psychiatric Epidemiology*. Goteborg, Sweden; May 2007.
25. Costello EJ, **Copeland WE**, & Angold A. The half-open door: Access to needed mental health care for children and adolescents in the United States. *International Federation of Psychiatric Epidemiology*. Goteborg, Sweden; May 2007.
26. **Copeland WE**. The cost of mental illness in childhood. *UNC-CH/Duke Program in Mental Health Services & Systems Research*. Chapel Hill, NC; May 2007.
27. **Copeland WE**, Keeler G, & Costello EJ. Maternal psychopathology and childhood psychopathology: Gender of child and specificity. *International Society for Research on Child and Adolescent Psychiatry*. London, England; June 2007.
28. Shanahan L, **Copeland WE**, Costello EJ, & Angold, A. (2008). Configurations of common childhood psychosocial risk factors. *Biennial Meeting of the European Association for Research on Adolescence*, Turin, Italy; May 2008.
29. **Copeland WE** (2008). The development of youth violence: Risk and Mental Illness. *Fourth Conference of Forensic Psychiatry*, Washington, DC; September 2008.
30. **Copeland WE** (2008). The development of youth violence: Risk and Mental Illness. *Center for Developmental Epidemiology*, Durham, NC; October 2008.
31. Akee R, **Copeland WE**, Keeler G, Angold A, & Costello EJ. Parents' incomes and Children's Outcomes: A Quasi-Experiment. *European Summer Symposium in Labor Economics*, Munich, Germany; October 2008.
32. Kuny AV, Althoff, R, **Copeland, WE**, Van Beijsterveldt, T, Boomsma, DI, Hudziak, JJ. Latent Class Structure of Connors' Parent Rating Scales: Oppositional Subscale. *Academy of Child and Adolescent Psychiatry*. San Diego, CA; October 2008.

33. **Copeland, WE, & Angold, AA.** "Subthreshold" Disruptive Behavior Disorders: Some Things That Need Fixing in DSM-V. *Academy of Child and Adolescent Psychiatry*. San Diego, CA; October 2008.
34. **Copeland, WE.** Young Adult Outcomes of Childhood Comorbidities. *Academy of Child and Adolescent Psychiatry*. San Diego, CA; October 2008.
35. **Copeland, WE, Sun, H, Costello, EJ, Angold, A, Heilig, MA, & Barr, CS.** Association of OPRM1 A118G with Quality of Parent-Child Relationships. *American College of Neuropsychopharmacology*. Scottsdale, AZ; December 2008.
36. **Copeland WE, Sun H, Costello EJ, Angold A, Heilig MA, & Barr, CS.** Association of OPRM1 A118G with Quality of Parent-Child Relationships. *Winter Conference on the Brain*. Dillion, Co; January 2009.
37. **Copeland, WE.** Genes in pedigrees and populations. *Sullivan K-Group Meeting*. Chapel Hill, NC; February 2009.
38. Shanahan L, **Copeland WE**, Costello EJ, & Angold A. (2008). Are psychosocial risk factors for child-, adolescent-, and adult-onset depression distinct or similar? *11th Developmental Science Summer Institute*, Jena, Germany.
39. **Copeland WE, Sun H, Costello EJ, Angold A, Heilig MA, & Barr CS.** Association of OPRM1 A118G with Quality of Parent-Child Relationships. *NIDA GEDI consortium meeting*. Chevy Chase, Md; March 2009.
40. **Copeland WE, Shanahan L, Costello EJ, & Angold A.** Configurations of Common Childhood Risk Factors. *NIDA GEDI consortium meeting*. Chevy Chase, Md; March 2009.
41. **Copeland WE, Sun H, Costello EJ, Angold A, Heilig MA, & Barr CS.** Association of OPRM1 A118G with Quality of Parent-Child Relationships. *NIAAA Intramural Research Program Lab meeting*. Bethesda, Md; March 2009.
42. Shanahan L, **Copeland WE**, Costello EJ, & Angold A. Child-, Adolescent-, and Young Adult-Onset Depression: Differential Risk Factors in Development? *Society for Research in Child Development*, Denver, Colorado, April 2009.
43. Costello EJ, **Copeland WE**, & Angold, A. Psychosocial Predictors of the Transition from Drug Use to Drug Abuse? *Society for Research in Child Development*, Denver, Colorado, April 2009.
44. **Copeland WE, Sun H, Costello EJ, Angold A, Heilig MA, & Barr CS.** Association of OPRM1 A118G with Quality of Parent-Child Relationships. *NIAAA Intramural Research Program Lab meeting*. Honolulu, Hi; October 2009.
45. **Copeland WE, Sun H, Costello EJ, Angold A, Heilig MA, & Barr CS.** CRHR1 Polymorphisms Interact with Trauma Status to Predict Childhood Anxiety Symptoms. *American College of Neuropsychopharmacology*. Hollywood, FL; December 2010.

46. **Copeland WE.** Childhood Depression: One Disorder, Many Faces. *NARSAD Healthy Minds across America*. Durham, NC; April 2010.
47. **Copeland WE.** An introduction to gene by Environment interactions. *Sullivan K-Group Meeting*. Chapel Hill, NC; May 2010.
48. **Copeland WE.** Long-term effects of early puberty in females. *Life Course History Meeting*. Montreal, Canada; October 2010.
49. **Copeland WE.** Does childhood sexual abuse predict early pubertal development in girls? *American Academy of Child and Adolescent Psychiatry*. New York, NY; October 2010.
50. **Copeland WE.** Posttraumatic Stress Without Trauma in Children. *American Academy of Child and Adolescent Psychiatry*. New York, NY; October 2010.
51. **Copeland WE.** The epidemiology of stressful life events and preschool mental health. *American Academy of Child and Adolescent Psychiatry*. New York, NY; October 2010.
52. **Copeland WE.** Is the child the father of the man? Diagnostic continuity and discontinuity in the Great Smoky Mountains Study. Grand Rounds presentation at the University of Vermont. Burlington, VT; February 2011.
53. **Copeland WE.** Long-term Outcomes of Adolescent Conduct Disorder. European Congress of Psychiatry. Vienna, Austria; March 2011.
54. **Copeland WE.** Vulnerability to Psychopathology: Interplay between Stressors and Biomarkers. Presentation at Center for Developmental Science. Chapel Hill, NC; April 2011.
55. **Copeland WE, Angold A, & Costello EJ.** The development of alcohol abuse across adolescence and young adulthood: patterns of onset and desistence. *International Society for Research on child and Adolescent Psychopathology*, Chicago, Il; June 2011.
56. **Copeland WE.** Long-term Outcomes of Childhood Disorders. Grand Rounds presentation at the Duke University Psychiatry Department. Durham, NC; October 2011.
57. **Copeland WE, Angold A, & Costello EJ.** The epidemiology of emerging adulthood psychiatric disorders. *Annual Meeting of the Society for the Study of Emerging Adulthood*, Providence, RI; October 2011.
58. Shanahan L, **Copeland WE**, Costello EJ, Worthman C, & Angold A. Adversity, immune function, and depression in youth. *Biennial Meeting of the Society for Research on Child Development*, Montreal, Canada; March 2011.
59. **Copeland WE, Carpenter K, Angold A, Gaur P, & Egger HL.** BDNF Val66Met polymorphism and Neural Response to Emotional Faces in Preschoolers. *Society for Biological Psychiatry 67th Annual Scientific Meeting*. Philadelphia, Pa; May 2012.

60. Shanahan L, **Copeland WE**, Worthman C, Angold A, & Costello EJ. Asthma, depression, and inflammation in children and adolescents. *Psychologie und Gehirn [Psychology and the Brain]*, Jena, Germany; 2012.
61. Costello EJ, Angold A, Shanahan L, & **Copeland WE**. *Getting under the skin: Biomarkers of psychiatric disorders across childhood and adolescence. Biennial Meeting of the Life History Research Society*, Richmond, UK; October 2012.
62. **Copeland WE**, Shanahan LS, Worthman C, Angold A, & Costello EJ. Depression and C-Reactive Protein. *Biennial Meeting of the Life Course History Society*. October 2012.
63. Shanahan L, **Copeland WE**, Worthman C, Erkanli A, Angold A, & Costello EJ. Developmental course of C-reactive protein from childhood to young adulthood. *Biennial Meeting of the Life History Research Society*, Richmond, UK; October 2012.
64. **Copeland WE**, Angold A, & Costello EJ. DSM-5 Proposed Disruptive Mood Dysregulation Disorder: Prevalence, Comorbidity, and Long-term Outcomes. *Annual Meeting of the American Academy of Child and Adolescent Psychiatry*; San Francisco, Ca; October 2012.
65. **Copeland WE**, Gottfriedson N, Costello EJ, & GEDI consortium. Environmental stressors and risk for alcohol problems: A longitudinal GxE GWAS in community samples. *American college of Neuropsychopharmacology*, Hollywood, Fl; 2012.
66. **Copeland WE**. Continuities and Discontinuities from Childhood to Adulthood. *Invited talk at University of Warwick Psychology Department*. Coventry, UK; February 2013.
67. Shanahan L, **Copeland WE**, Worthman C, Erkanli A, Angold A, & Costello EJ. Developmental change in markers of immune function from childhood to young adulthood. *Biennial Meeting of the International Society for Research on Child and Adolescent Psychopathology*, Leuven, Belgium; 2013.
68. **Copeland WE**, Shanahan L, Worthman C, Erkanli A, Angold A, & Costello EJ. Depression, generalized anxiety, and C-reactive protein. *Biennial Meeting of the International Society for Research on Child and Adolescent Psychopathology*, Leuven, Belgium; 2013.
69. **Copeland WE**, Shanahan L, Worthman C, Erkanli A, Angold A, & Costello EJ. Sex-differentiated changes in C-reactive protein from childhood to young adulthood: Implications for studying linkages with adversity? *Biennial Meeting of the Society for Research on Child Development*, Seattle; 2013
70. Shanahan L, Zucker N, Bondy CL, **Copeland WE**, Costello EJ, & Angold A. Do childhood somatic complaints predict psychopathology in adolescence and young adulthood? *Biennial Meeting of the Society for Research on Child Development*, Seattle; 2013
71. Shanahan L, **Copeland WE**, Zucker N, Angold A, & Costello EJ. Do childhood somatic complaints predict later psychopathology? *14th Congress of the International Federation of Psychiatric Epidemiology*, Leipzig, Germany; 2013.

72. **Copeland WE**, Angold A, Costello EJ, et al. A GxE Genomewide Association Study of Early Alcohol Problems. *14th Congress of the International Federation of Psychiatric Epidemiology*, Leipzig, Germany; 2013.
73. **Copeland WE**. Mental Health in Young adulthood. *Invited talk at IOM workshop on Improving the Health, Safety, and Well-Being of Young Adults*, Washington DC; May 2013.
74. **Copeland WE**, Shanahan L, Angold A, & Costello EJ. The developmental epidemiology of mental health in rural america. *Invited talk at HRSA workshop on Rural Mental Health*, Rockville, Md; September 2013.
75. **Copeland WE**, Angold A, & Costello EJ. The developmental epidemiology of childhood irritability. *Invited talk at NIMH workshop on Childhood Irritability*, Rockville, Md; February 2014.
76. Costello EJ, & **Copeland WE**. Pay now or pay later: The benefits and costs of an income supplement in rural North Carolina. *Demography Daze*. Durham, NC; April 2014.
77. **Copeland WE**. Getting Under the Skin: Mental Health, Inflammation and Age-Related Disease. *American College of Sports Medicine*. Durham, NC; May 2014.
78. **Copeland WE**. Childhood Mental Health: Early intervention as Prevention. *Annual meeting of Mental Health America*. Atlanta, Ga; September 2014.
79. **Copeland WE**, Wolke D, Angold A, & Costello EJ. The long-term consequences of childhood bullying. *American Association for Psychoanalysis in Clinical Social Work*. Durham, NC; March 2015.
80. **Copeland WE**, Wolke D, Shanahan L, & Costello EJ. The consequences of common childhood psychiatric problems. *Annual Research and Policy Conference on Child, Adolescent and Young Adult Behavioral Health*. Tampa, Fl; March 2015.
81. **Copeland WE**, Wolke D, Shanahan L, & Costello EJ. Avoiding Mental illness: Resilience or Luck. *International Society for Research on Child and Adolescent Psychopathology*. Portland, OR; July 2015.

Patents Issued or Pending - none

Other Creative Activities -none

Quality Improvement and Patient Safety Activities -none

SUMMARY OF SCHOLARLY ACTIVITIES

The majority of my time is spent conducting academic research and my accomplishments are evident in both my funding portfolio and publications. I currently am PI on four grants from the National Institutes of Health (NIH). I have been continuously funded by NIH since

completing graduate school through a K-series, career development award and then multiple R-series NIH awards and a P30 Center grant (5 R-series grants since arriving at UVM in 2018). My primary research role is as PI of the now 30-year prospective-longitudinal Great Smoky Mountains Study. This study includes a large American Indian subsample and I currently consult with the tribe on applying our data to addressing their public health priorities. I am also currently an investigator on the Duke Preschool Anxiety Study, the University of Vermont Wellness Study, and Duke-based Project RAISE. Across all of these studies, my research program has focusing on understanding the development of emotional and behavior health across the lifespan. I have published 170 peer-reviewed manuscripts describing results from this project and others in top-tier journals, as well as scholarly reviews and book chapters (80+ since arriving at UVM). These publications include top-tier journals like Nature Neuroscience, JAMA, PNAS, JAMA:Psychiatry, and Lancet: Psychiatry. For Google Scholar, my H-Index is 72 and I have been cited 28,002 times (including 18k+ since I arrived at UVM). I was identified as a top 1% Highly Cited Researcher five times by Clarivate in 2023, 2022, 2021, 2020, 2019, and 2017.

INVITED PRESENTATIONS

Regional past 5 years or as appropriate.

2023	Duke Celebration of V. Joe Hotz “Twenty Year Outcomes of a Family Cash Transfer Natural Experiment”	Durham, NC
2023	NC Statewide Trauma Summit “The Public Health Burden of Childhood Trauma”	Raliegh, NC
2022	Gettysburg College “Long-term Effects of Childhood Trauma”	Gettsburg, PA
2022	UVM Department of Psychiatry Grand Rounds “Twenty Year Outcomes of a Family Cash Transfer Natural Experiment”	Burlington, VT
2022	Duke Center for Study of Risk and Resilience “Cannabis Involvement Across the First Three Decades of Life: Predictors, Pathways and Outcomes”	Durham, NC
2020	Duke Social Science Research Institute “The Great Smoky Mountains Study: Past, Present, and Future”	Durham NC
2018	Duke Department of Psychiatry Grand Rounds “Cannabis Involvement Across the First Three Decades of Life: Predictors, Pathways and Outcomes”	Durham, NC
2018	Duke Children’s Health and Development Initiative	Durham, NC

“The Great Smoky Mountains Study:
Past, Present, and Future”

National

2023	Interdisciplinary Network on Rural Population Health and Aging “The Great Smoky Mountains Study of Rural Aging (GSMS-RA): A New Data Source to Study Rural America”	online
2021	Network of Longitudinal Studies of Aging “The COVID Pandemic in Rural America”	online
2014	Mental Health Association of America “Childhood Mental Health: Early intervention as Prevention”	Atlanta, Georgia
2013	NIH meeting on Childhood Irritability and the Pathophysiology of Mental Illness “”Childhood Irrability and Mental Health”	Bethesda, Md
2013	Institute of Medicine “Young Adult Mental Health and Service use”	Washington, DC
2010	Brain and Behavior Institute “Childhood Depression: One Disorder, Many Faces”	New York City, NY

International

2014	UK House of Commons “The long shadow of childhood bullying”	London, UK
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