



STATE OF CONNECTICUT
Amendment to
MEMORANDUM OF AGREEMENT
between the
Children's Trust Fund
(hereinafter "CTF")
and the

University of Connecticut Health Center
Department of Psychiatry
(hereinafter "UCHC")

The Nurturing Families Network (NFN) Program Memorandum of Agreement (MOA) executed by the parties on June 30, 2008, is hereby amended as follows:

1. The MOA is hereby amended to add funding in the amount of:
 - a. \$55,396 in State Fiscal Year 2007-2008 NFN Program funds that have been approved by CTF to carry forward to Year 1 of this agreement (State Fiscal Year 2008-2009). These funds are to be used for the NFN In-Home Cognitive Behavioral Therapy (IH-CBT) clinical trial. Specific services and/or activities to be performed by the contractor are described in Section 5 below.
 - b. \$200,000 in federal funds per year for Years 2 and 3 (State Fiscal Years 2009-2010 and 2010-2011). These funds are to be used for the NFN In-Home Cognitive Behavioral Therapy (IH-CBT) clinical trial. Specific services and/or activities to be performed by the contractor are described in Section 5 below.
2. The new maximum amount payable under the MOA is changed from \$206,000 to \$261,396 in year 1, from \$206,000 to \$406,000 in year 2, and from \$206,000 to \$406,000 in year 3 and no more than 20% of the funds should be allocated for indirect cost.
3. "Funding Availability," Section 6 of the original MOA is hereby deleted and replaced with the following:
 6. **Funding Availability**
CTF assumes no liability for payment under the terms of this MOA until and unless any federal and state funds for this MOA are authorized and available.
4. "Responsibilities of CTF," Section 8 of the original MOA, is amended to add the following:
 - A. Provide funding to be used by UCHC for the In-Home Cognitive Behavioral Therapy (IH-CBT) clinical trial for first-time mothers in the NFN Intensive Home Visiting Program who meet the criteria for Major Depression.
5. "Responsibilities of UCHC," Section 9 of the original MOA, is amended to add the following services. All services and activities under this Section 3 must be completed and funding must be spent by 6/30/2011.
 - A. Participate in a clinical trial to offer and study In-Home Cognitive Behavioral Therapy (IH-CBT) for first-time mothers in the NFN Intensive Home Visiting Program who meet the criteria for Major Depression, in collaboration with Robert Ammerman, PhD, ABPP, and Frank Putnam, MD, from the Cincinnati Children's Hospital Medical Center and the University of Hartford Center for Social Research.
 - B. Hire two (2) full-time or no more than three (3) part-time licensed behavioral health therapists to provide IH-CBT to no fewer than 50 mothers. Each therapist shall carry a caseload of 12 to 15 mothers at any given time.

- C. Provide the services of a licensed behavioral health professional to:
 - i. Provide clinical supervision to each therapist on a weekly basis
 - ii. Provide administrative supervision to the therapists.
 - iii. Provide emergency back-up to the therapists.
 - iv. Coordinate one week of training at the Cincinnati Children's Hospital Medical Center in Ohio for each therapist.
 - v. Coordinate one week of training at the Beck Institute in Pennsylvania for each therapist following the training at the Cincinnati Children's Hospital Medical Center required in section 5.C.iv above.
 - vi. Work in consultation with Drs. Robert Ammerman and Frank Putnam to assure fidelity to the IH-CBT model and the quality of the therapeutic intervention.
 - D. Comply with all reporting and research requirements of the trial.
 - E. Provide the services of Dr. Karen Steinberg to be responsible for the overall administration of the IH-CBT clinical trial. In Dr. Steinberg's absence, Dr. Julian Ford shall be responsible for the overall administration of the IH-CBT clinical trial.
 - F. Develop and refine IH-CBT for depressed, first-time mothers enrolled in intensive home visiting.
 - G. Positively impact mothers' social support and social network as a secondary outcome (exploratory).
 - H. Identify potential moderating influences of comorbid psychiatric conditions and learn more about the relationship between depression and trauma and violence.
6. "Program Requirements," Section 10 of the original MOA, is amended to add the following requirements.
- A. A randomized clinical trial will be used to compare the efficacy of IH-CBT (in conjunction with intensive home visiting) with intensive home visiting "as usual" (HVAU): 50 participants will receive IH-CBT for depression in conjunction with intensive home visiting; 50 participants will receive HVAU and the home visitor shall refer the mother to a community provider for treatment.
 - B. The clinical trial will replicate a current study funded by the National Institute of Mental Health: "Treatment of Depression in Home Visitation," Robert Ammerman, Principal Investigator, and Frank Putnam, Co-Principal Investigator, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, in accordance with the attached flow chart of the research design.
 - C. IH-CBT is a 15-session intervention that is uniquely designed to meet the needs of depressed mothers receiving concurrent home visitation.

- D. Sessions are provided weekly and last 60 minutes. A booster session is administered one month after the end of treatment. Each session uses a standardized format (as described in the Treatment Manual) including procedures such as "homework" review and assignment, review of self-monitoring data, and cognitive restructuring. Cognitive work focuses especially on concerns, problems, and common cognitive distortions in new mothers (Whitton & Appleby, 1996).
- E. IH-CBT explicitly ensures integration between the therapy and home visiting services: these two services are designed to work together synergistically, each helping the other achieve maximum effectiveness. Explicit procedures to bring about integration include:
- i. Therapist and home visitor jointly attend first session.
 - ii. Mid-treatment report prepared for home visitor.
 - iii. Therapist and home visitor keep each other informed of important issues.
 - iv. Therapist and home visitor jointly attend fifteenth session.
 - v. Therapy summary prepared for mother and home visitor.
 - vi. Therapist and home visitor communicate via telephone, cell phone, and pager.

F. Contrast between IH-CBT and HVAU in conjunction with community-based therapy:

Domain	In-Home Cognitive Behavioral Therapy	Home Visitation As Usual
Service Provider	Masters level therapist in CBT for depression	Home Visitor links/refers mother to community behavioral health provider
Session Focus	Depression manual as detailed in IH-CBT	Based on the behavioral health treatment that is available in the community
Depression Treatment	In-home treatment using IH-CBT	Community-based treatment; multiple barriers: lack of transportation, services, and non-adherence
Social Support	Depression-specific social and emotional support through therapeutic alliance	Non-specific social and emotional support through home visitation
Service Coordination	IH-CBT seamlessly integrated with home visitation including 2 shared sessions	Separate home visitation and depression treatment, informal and infrequent communication between home visitor and behavioral health provider

G. UCHC shall adhere to all of the policies and procedures developed by Ammerman and Putnam for the In-Home Cognitive Behavioral Therapy trial.

7. "Reporting Requirements/Deliverables," Section 11 of the original MOA is hereby amended to add the following requirement:
- A. Periodic progress reports, which describe the status of all contract services, activities, and deliverables, according to the following schedule:

REPORTING PERIOD	REPORTS DUE BY
July through September	November 1
October through December	February 1
January through March	May 1
April through June	September 1

8. The payment schedule from Section 14 of the original MOA is hereby deleted and replaced with the following payment schedule:

14. Payment Schedule

Payments under this MOA shall be made as follows, conditional upon CTF's receipt, review, and approval of invoices and deliverables:

Year 1: July 1, 2008 - June 30, 2009

Payment #	Amount	Conditions	On or After:
1	\$51,500	Upon full execution of this Agreement	July 1, 2008
2	\$51,500	Upon receipt and approval by the Children's Trust Fund of the first expenditure report of Year 1 for the period July 1, 2008 through September 30, 2008 and completion of all reporting requirements from the previous Agreement.	October 1, 2008
3	\$51,500	Upon receipt and approval by the Children's Trust Fund of the second expenditure report of Year 1 for the period October 1, 2008 through December 31, 2008.	January 1, 2009
4	\$51,500	Upon receipt and approval by the Children's Trust Fund of the third expenditure report of Year 1 for the period January 1, 2009 through March 31, 2009.	April 1, 2009
5	\$55,396	Upon execution of this amendment	May 1, 2009

Year 2: July 1, 2009 - June 30, 2010

Payment #	Amount	Conditions	On or After:
6	\$101,500	Upon receipt and approval by the Children's Trust Fund of the fourth expenditure report of Year 1 for the period April 1, 2009 through June 30, 2009.	July 1, 2009
7	\$101,500	Upon receipt and approval by the Children's Trust Fund of the first expenditure report of Year 2 for the period July 1, 2009 through September 30, 2009.	October 1, 2009
8	\$101,500	Upon receipt and approval by the Children's Trust Fund of the second expenditure report of Year 2 for the period October 1, 2009 through December 31, 2009.	January ,1 2010
9	\$101,500	Upon receipt and approval by the Children's Trust Fund of the third expenditure reports of Year 2 for the period January 1, 2010 through March 31, 2010.	April 1, 2010

Year 3: July 1, 2010 - June 30, 2011

Payment #	Amount	Conditions	On or After:
9	\$101,500	Upon receipt and approval by the Children's Trust Fund of the fourth expenditure report of Year 2 for the period April 1, 2010 through June 30, 2010.	July 1, 2010
10	\$101,500	Upon receipt and approval by the Children's Trust Fund of the first expenditure report of Year 3 for the period July 1, 2010 through September 30, 2010.	October 1, 2010
11	\$101,500	Upon receipt and approval by the Children's Trust Fund of the second expenditure report of Year 3 for the period October 1, 2010 through December 31, 2010.	January 1, 2011
12	\$101,500	Upon receipt and approval by the Children's Trust Fund of the third expenditure report of Year 3 for the period January 1, 2011 through March 31, 2011.	April 1, 2011

9. An approved budget addendum is provided on page 7 of this Amendment.
10. This document constitutes a first amendment to the above-referenced MOA. All provisions of the original MOA, except those that are explicitly changed above by this first amendment, shall remain in full force and effect.

**Children's Trust Fund
Nurturing Families Network
IH-CBT Clinical Trial
Approved Budget Addendum**

	Year 1 (4/1/09-6/30/09)		Year 2 (7/1/09-6/30/10)	Year 3 (7/1/10-6/30/11)
Personnel				
Karen Steinberg, PI (.1 FTE)	\$ 2,196		\$ 8,784	\$ 8,784
TBN, Social Worker 2	\$ 10,428	(5/1 start)	\$ 62,576	\$ 64,453
TBN, Social Worker 2 (.75 FTE)	\$ 7,822	(5/1 start)	\$ 46,932	\$ 45,117 (reduce to .7 FTE)
Total Salaries	\$ 20,446		\$ 118,292	\$ 118,354
Fringe Benefits	\$ 6,645		\$ 38,445	\$ 38,465
Total Personnel	\$ 27,091		\$ 156,737	\$ 156,819
Travel	\$ 15,522		\$ 9,000	\$ 9,000
Supplies				
Office Supplies	\$ 500		\$ 450	450
2 Computers	\$ 2,500			
Other Expenses	\$ 550		\$ 480	398
Total Direct Costs	\$ 46,163		\$ 166,667	\$ 166,667
Indirect Costs (20%)	\$ 9,233		\$ 33,333	\$ 33,333
TOTAL	\$ 55,396		\$ 200,000	\$ 200,000

for the Children's Trust Fund

Karen Foley-Schain

Karen Foley-Schain, Executive Director

5/5/09
Date

for the University of Connecticut Health Center

KS2

Director ORSP

Name and Title

3.18.09
Date

Funding Code:

Amount	FUND	Department	REQUIRED				OPTIONAL		REQR
			SID	Program	Account	Project	Activity	Agcy Chart	Budget Ref
\$206,000	11000	CTF94000	12042	28217	52742	CTF_NONPROJECT			2009
\$50,000	12060	CTF94000	20394	28217	52742	CTF_NONPROJECT			
\$206,000	11000	CTF94000	12042	28217	52742	CTF_NONPROJECT			2010
\$200,000	12060	CTF94000	20394	28217	52742	CTF_NONPROJECT			
\$206,000	11000	CTF94000	12042	28217	52742	CTF_NONPROJECT			2011
\$150,000	12060	CTF94000	20394	28217	52742	CTF_NONPROJECT			