

## **Fiscal Final Report**

This report is intended to confirm the accuracy of the information contained on the Scientific Final Report elaborated by Carolina Altimir, Principal Investigator of the research proposal awarded by the Evaluation of Research Proposals and Results Subcommittee (CERP) of the IPA.

I thereby confirm that the funds awarded to Mrs. Carolina Altimir were assigned to cover the travel expenses, specifically the plane ticket, of the expert consultant, Dr. Doris Peham's visit to our country from University of Innsbruck, Austria. Dr. Peham's visit to Chile took place in the context of a research training workshop organized by the Psychology Department of the Pontificia Universidad Católica de Chile. I can ratify that within this academic activities, Dr. Peham supervised and advised Mrs. Carolina's research proposal, resulting in an improvement of it.

The total cost of the dr. Peham's round plane ticket Innsbruck-Santiago/Santiago-Innsbruck was of US \$ 1.462,07, resulting in a remainder amount of \$37,93 from the total \$1.500 awarded by the CERP. As Responsible Authority, I assure that Mrs. Carolina Altimir, on behalf of the Pontificia Universidad Católica de Chile, will return to the CERP these remaining funds that were not used for the purposes established.

I also give credit that the information attached by Mrs. Carolina - Invoice of the plane ticket and flight information - to account for the expenditures incurred is reliable and correct.

Sincerely,



**Mariane Krause**  
**Responsible Authority**  
**Head Doctoral Program**  
**Pontificia Universidad Católica de Chile**

## Scientific Final Report

The present Scientific Report intends to inform to the Evaluation of Research Proposals and Results Subcommittee (CERP) of the IPA about the current status of the research proposal awarded and to account for the expenditures incurred with the granted funds.

### 1. Original goals of the study

The study titled **“Affective regulation in psychotherapy: Micro-analysis of the facial and verbal behavior in rupture and resolution moments and its association with therapeutic change”**, addresses the fact that mutual affective regulation, considered as a continuous process involved in the construction and maintenance of the therapeutic relationship and therefore as a potential mechanism of psychic change, has received little attention in adult treatment research. Therefore, the original purpose of this research project was to study the process of mutual affective regulation between patient and therapist in the context of a psychodynamic treatment, in an attempt to account for its moment-to-moment dyadic character, the implicit as well as explicit modes in which it is experienced by the interactive partners, and the different communicative channels through which it can be observed, and to examine how this process related to the patient’s therapeutic change.

The first aim of this study was to examine how affective regulatory processes between patient and therapist manifest within episodes of rupture of the alliance and of resolution strategies of these ruptures, in a 31 session focal psychodynamic therapy. Affective regulation was to be studied through facial non verbal behavior of both participants and its relation with the content of the verbal exchange. The evolution of these regulatory processes was to be described throughout the treatment.

The second aim of this study was to establish the association of the previous regulatory processes with the evolution of the quality of the therapeutic alliance, the patient’s change process and patient’s and therapist’s subjective perception about the relational process.

### 2. Progress achieved by the study

By means of the grant awarded by the CERP for expert consultation, the research proposal was reviewed and supervised by the research consultant, Dr. Doris Peham, from University of Innsbruck, Austria. This supervision allowed for a better formulation of the research proposal and its objectives, as well as a detailed and thoughtful definition and operationalization of the variables to be studied. Based on this reformulation, the study could be carried out appropriately.

Up to the present date, this study has achieved the process of data collection in its totality. This included video-tape of the 31 sessions of therapy, using two cameras, each recording patient and therapist’s facial expressions. It also included the administration of self-report measures to patient and therapist, every three sessions, assessing the quality of the therapeutic alliance; as well as the administration to the patient, before every session, of a self-report instrument that assessed her level of psychological distress. Finally, this data collection process also consisted of follow-up in-depth interviews to patient and therapist which were completed after two months post-termination of therapy.

On a second stage of the study, the analysis of the collected data was undergone. This included the identification of rupture episodes as well as resolution strategies episodes, which has been completed for all 31 sessions of therapy. These episodes will undergo an analysis of the facial affective behavior of therapist and patient. Simultaneously, these same therapy sessions were analyzed by the same raters using a hierarchy of Generic Change Indicators (Krause et al, 2006, 2007), which assess the level of change in the patient's representations of herself and the environment.

### 3. List of future plans

The following activities will be completed during the year 2011:

- Micro-analysis of facial affective behavior within rupture and resolution episodes and its relation to the verbal exchange. Based on this analysis, we expect to generate a description of patterns or sequences of affective behavior for each type of episode, and to relate them to the other variables of the study (change process, working alliance, and subjective perception of participants).
- Assessment of the patient's change in her psychological functioning, which includes relational patterns, psychic conflict and structure, using the Operationalized Psychodynamic Diagnostic system (OPD). This will require an observational assessment, by two expert OPD judges, of the first sessions of the therapeutic process and the patient's follow-up interview.
- Qualitative content analysis of the subjective perception of patient and therapist regarding the process of relational negotiation during treatment.

### 4. Details of the expenditure incurred demonstrating how the grant funds were used.

The grant funds awarded by the CERP for expert research consultation to the Principal Investigator, in order to help improve her research proposal, were used to pay for travel expenses of the expert consultant, Dr. Doris Peham, to the country of origin of the awarded researcher (Chile). Professor Peham's visit to Chile was part of a research training workshop organized by the research team from which the Principal Investigator is member, at the Psychology Department of the Pontificia Universidad Católica de Chile. This activity constituted an important instance of supervision and training on specific techniques and procedures for the analysis of non verbal facial behavior. Specifically, Dr. Peham supervised and guided the awarded Principal Investigator in a process of improving the research proposal towards a better formulation and application.

From the US \$1.500 awarded, US \$ 1.462,07 were used to finance Dr. Peham's plane ticket from Innsbruck, Austria to Santiago de Chile as well as her return. Therefore, US \$37,93 were left from the total funds awarded. The Principal Investigator intends to repay the refund the US \$37,93 dollars to the CERP, as soon as instructions for that purpose are received.

In order to account for the expenditures incurred, the Invoice extended by the travel agency for the purchase of the plane ticket (in Chilean pesos) and the e-mail with the flight information as well as the value of the ticket in US dollars, is attached to this report.

Sincerely,

A handwritten signature in black ink, appearing to be 'CA', enclosed within a circular scribble.

**Carolina Altimir**  
**Principal Investigator**  
**Ph.D.(c)International Doctoral Program**  
**Psychology Department, Pontificia Universidad Católica de Chile**  
**caltimir@uc.cl**

# Travel Security S.A.



Giro Agencia de Viajes  
 Casa Matriz • Av. Apoquindo 3180, Las Condes, Santiago, Fono (56-2) 584 3400  
 Sucursales • Isidora Goyenechea 3365, piso 1, 10, Las Condes, Santiago, Fono (56-2) 584 3400  
 • Aeropuerto C.A.M.B. 3° Nivel - Embarques, Pudahuel, Santiago, Fono (56-2) 690 1230  
 • O'Higgins 420, Oficina 21, Concepción, Fono (56-41) 290 8105

792602  
 0792602



N° Negocio 335000681204

Fecha 20 JULIO 2010 RUT Cliente 81.698.900-0

Señor(es) PONTIFICIA UNIVERSIDAD CATOLICA

Dirección VICIÑA MACKENNA 4860 Ciudad SANTIAGO

Comuna MACUL Giro Comercial EDUCACION

Cancelar Antes Del 19/08/2010

Por lo siguiente: Cantidad

TKT PAX PEHAM/DORIS  
 INNSBRUCK/FRANKFURT/SANTIAGO/FRANKFURT/INNSBRUCK  
 TARIFA USD 1.244 T/C 537  
 TASAS EMBARQUE USD 104.07  
 TASA EMISION EUROPA USD 95,80  
 DOCTORADO PSICOTERAPIA.

EXENTO 723.914  
 AFECTO 51.444



NOMBRE Ana María Galvez F  
 R.U.T.: 5.921.064-5  
 RECINTO: C. San Joaquín  
 FECHA: 29/07/2010 FIRMA: Ana M G

CANCELADO

EXENTO	723.914
AFECTO	51.444
IVA	9.774
TOTAL	785.132

Son : SETECIENTOS OCHENTA Y CINCO MIL CIENTO TREINTA Y DOS CON 0/100 de

El acuse de recibo que se declara en este acto, de acuerdo a lo dispuesto en la letra b) del Art 4° y la letra c) del Art. 5° de la ley 19.983, acredita que la entrega de mercadería o servicio(s) prestado(s) ha(n) sido recibido(s)

PUC

**Anita Gálvez****De:** María Isabel Muñoz [mimuno@security.cl]**Enviado el:** Lunes, 19 de Julio de 2010 11:28**Para:** Anita Gálvez**Asunto:** Reservas Sra. Peham

Anita:

Volví a retomar las reservas de Sra. Peham.

Valor por persona: US\$ 1.244  
 Impuestos aéreos: 104,07  
 Servicios Agencia: 114  
 Valor total: US\$ 1.462,07

Restricciones tarifa: Emisión 3 días después de la reserva (Jueves 22)  
 Multa EUR 70 por cambios antes día de salida.  
 Después del día de salida no permite cambios.  
 No tiene devolución.

Slds.

**María Isabel Muñoz R.**

Ejecutiva de Ventas

Travel Security - [www.travelsecurity.cl](http://www.travelsecurity.cl)

Fono: 56-2-5815189

Isidora Goyenechea 3365 - Piso 10

e-mail: [mimuno@security.cl](mailto:mimuno@security.cl)

Horario: 09 a 18 Hrs.

**Información Importante:** Tarifas cotizadas no están garantizadas hasta la emisión de los respectivos boletos aéreos, voucher de hoteles y otros servicios. Es de exclusiva responsabilidad de los pasajeros cumplir con los requisitos obligatorios para salir del país e ingresar al destino de viaje, como: Pasaporte vigente, Permisos Notariales y Libreta de Familia para menores de edad, Cédula de identidad con fecha de expiración superior a 6 meses, Visas requeridas y vigencia mínima según su nacionalidad y para todos los países que incluya su itinerario, Vacunas y otras exigencias médicas. Infórmese sobre las restricciones generales de los servicios contratados, multas por cambios o anulaciones que líneas aéreas, hoteles y otros proveedores imponen sobre sus servicios y productos. No olvide consultar a su ejecutiva de viaje si requiere algún tipo de asesoría o información adicional.

TRAVEL SECURITY  
 AV. APOQUINDO 3180  
 SANTIAGO  
 SANTIAGO  
 TELEFONO : 56 2 5843400  
 FAX : 56 2 5843505

FECHA 19JULIO10  
 LOCALIZADOR DE RESERVA 3T34HC  
 PEHAM/DORIS

SERVICIO	DE	A	SALIDA	LLEGADA
AUSTRIAN - OS 283	INNSBRUCK AT	FRANKFURT DE	1330	1450
MAR 14SEP	INNSBRUCK	FRANKFURT INTL		
DIRECTO		TERMINAL 1		
RESERVA CONFIRMADA- S ECONOMICO				
A BORDO: APERITIVO				
VUELO OPERADO POR VO TYROLEAN AIRWAYS				
DUENO DE AVION :VO TYROLEAN AIRWAYS				
TIPO DE EQUIPO:DE HAVILLAND DHC-8 SERIES 300				
LAN AIRLINES - LA 705	FRANKFURT DE	SANTIAGO CL	1940	0740
MAR 14SEP	FRANKFURT INTL	A MERINO BENITEZ		15SEP

19-07-2010

1 PARADA            TERMINAL 2            TERMINAL INTL            DURACION 18:00  
 VUELO NO FUMADORE

RESERVA CONFIRMADA- S ECONOMICO  
 A BORDO: APERITIVO  
 FRANKFURT -MADRID  
 MADRID -SANTIAGO  
 TIPO DE EQUIPO:        AIRBUS INDUSTRIE A340

LAN AIRLINES - LA 704  
 MIE 29SEP        SANTIAGO CL        FRANKFURT DE        1845        1755  
                   A MERINO BENITEZ    FRANKFURT INTL        30SEP

1 PARADA        TERMINAL INTL        TERMINAL 2            DURACION 17:10  
 VUELO NO FUMADORE

RESERVA CONFIRMADA- N ECONOMICO  
 A BORDO: DESAYUNO/CENA  
 SANTIAGO -MADRID  
 MADRID -FRANKFURT  
 TIPO DE EQUIPO:        AIRBUS INDUSTRIE A340

AUSTRIAN - OS 288  
 JUE 30SEP        FRANKFURT DE        INNSBRUCK AT        2115        2235  
                   FRANKFURT INTL        INNSBRUCK

DIRECTO        TERMINAL 1            DURACION 1:20  
 VUELO NO FUMADORE

RESERVA CONFIRMADA- S ECONOMICO  
 A BORDO: APERITIVO  
 VUELO OPERADO POR VO TYROLEAN AIRWAYS  
 DUENO DE AVION        :VO TYROLEAN AIRWAYS  
 TIPO DE EQUIPO:DE HAVILLAND DHC-8 400 SERIES

LOCALIZADOR(ES)        LA/J8KF1        OS/3T34HC

"TRAVEL SECURITY S.A. INFORMA QUE AL VENDER BOLETOS AEREOS  
 LO HACE EN CALIDAD DE MANDATARIO DE LA LINEA AEREA  
 Y EN CONSECUENCIA LOS EFECTOS DEL CONTRATO DE TRANSPORTE  
 CELEBRADO ENTRE EL PASAJERO Y LA LINEA AEREA SE RADICAN EN  
 EL PATRIMONIO DE ESTA ULTIMA.  
 LA CALIDAD DE MANDATARIO DE TRAVEL SECURITY S.A. SE ACREDITA  
 CON CERTIFICADO DE AGENTE IATA NUMERO 7551078-3 "  
 \*\*\*\*\*SERVICIO DE EMERGENCIA 24 HRS FONOS 56-2-5836791\*\*\*\*\*  
 \*\*\*\*\*SOLICITE SU PLAN DE ASISTENCIA EN VIAJE\*\*\*\*\*  
 \*\*\*RECUERDE REVISAR LA VIGENCIA DE SUS DOCUMENTOS DE VIAJE\*\*\*