VOLUME 58 • SUPPLEMENT 1 DECEMBER 2023 ISSN 0020-7594

# International Journal of Psychology

ABIGAIL H. GEWIRTZ
EDITOR-IN-CHIEF
Arizona State University, USA

INTERNATIONAL UNION OF PSYCHOLOGICAL SCIENCE

ASSOCIATE EDITORS MARTIN OBSCHONKA, Australia LIQI ZHU, China

> MANAGING EDITOR QIYUE CAI

32nd International Congress of Psychology 18-23 July 2021 Prague, Czech Republic (Virtual)





# **International Journal of Psychology**

VOLUME 58 • SUPPLEMENT 1 • DECEMBER 2023

32nd International Congress of Psychology 18-23 July 2021 Prague, Czech Republic (Virtual)

### Disclaimer

This abstract book has been produced using author-supplied copy. Editing has been restricted to some corrections of spelling and style where appropriate. The publisher assumes no responsibility for any claims, instructions, methods or drug dosages contained in the abstracts. It is recommended that these are verified independently. The contents contained herein are correct at the time of printing and may be subject to change.



# **Table of Contents**

	Artificial Intelligence	
9	Invited Address Oral Presentation	8
	Poster Presentation	8
10	Arts	
	Oral Presentation Poster Presentation	8
11	Assertivity vs. Shyness	
	Oral Presentation	8
13	Assessment	
16 16	Symposium Invited Address Invited Symposium Oral Presentation Poster Presentation	9 9 9 9
	Attention Deficit Hyperactivity	
18 28	Disorder (ADHD)	
	Oral Presentation Poster Presentation	10 10
36 37	Attitude and Change	
	Invited Symposium Oral Presentation Poster Presentation	11 11 11
40 40 41 45	Attitude	
	Invited Symposium Oral Presentation Poster Presentation	11 11 12
53 60	Aviation	
	Oral Presentation	12
65	Behavior Analysis	
68	Oral Presentation Poster Presentation	12 12
	Robavior Franchy	
73 75 77	Poster Presentation	13
	10 11 11 13 13 16 16 16 16 18 28 36 37 40 40 41 45 53 60 65 68 73 75	9 Invited Address Oral Presentation Poster Presentation  10 Arts Oral Presentation Poster Presentation  11 Assertivity vs. Shyness Oral Presentation  13 Assessment Symposium Invited Address Invited Symposium Oral Presentation Poster Presentation  Attention Deficit Hyperactivity Disorder (ADHD)  Oral Presentation Poster Presentation  Attitude and Change Invited Symposium Oral Presentation Poster Presentation  40 Attitude Invited Symposium Oral Presentation Poster Presentation  Attitude Invited Symposium Oral Presentation Poster Presentation  Attitude  Invited Symposium Oral Presentation Poster Presentation Poster Presentation Poster Presentation Poster Presentation  Behavior Analysis  Oral Presentation Poster Presentation  Behavior Economy Poster Presentation



Brain		Conflict and resolution	
Invited Address	135	Symposium	268
Oral Presentation Poster Presentation	135 136	Oral Presentation Poster Presentation	268 270
Bullying		Consciousness	
Oral Presentation Poster Presentation	138 143	Invited Address Invited Symposium	271 271
Tosel Tesellation	143	Oral Presentation	272
Child Psychology		Poster Presentation	272
Symposium Invited Symposium	147 149	Consumer, Advertising	
Oral Presentation	151	Oral Presentation	275
Poster Presentation	157	Poster Presentation	277
Clinical Psychology		Coping	
Symposium	167		200
Invited Address	168 169	Invited Symposium Oral Presentation	280 280
Invited Symposium Oral Presentation	170	Poster Presentation	284
Poster Presentation	185		
Coaching and Mentoring		Counselling	
Symposium	193	Invited Address	288
Invited Address	193	Invited Symposium Oral Presentation	288 290
Invited Symposium	194	Poster Presentation	295
Oral Presentation	195		
Poster Presentation	197	Crime and Delinquency	
<b>Cross-cutting</b>		Symposium	302
Invited Address	199	Oral Presentation Poster Presentation	302 303
Oral Presentation	199	1 Oster 1 resentation	303
Poster Presentation	199	Culture	
Cognitive		Symposium	306
Symposium	200	Invited Address	311
Invited Address	205	Invited Symposium Oral Presentation	311 312
Invited Symposium	206	Poster Presentation	312
Oral Presentation Poster Presentation	209 224		
Tostel Tresemation	224	<b>Death and Dying</b>	
Communication and Language		Symposium	327
Symposium	246	Oral Presentation Poster Presentation	328 330
Oral Presentation Poster Presentation	248 251	Toster Tresentation	330
Tosci Teschanon	231	Decision-Making	
Community		Symposium	332
Symposium	261	Oral Presentation	333
Oral Presentation	262	Poster Presentation	338
Poster Presentation	264	D	
Comparative		Depression	242
Invited Address	266	Oral Presentation Poster Presentation	343 346
Oral Presentation	266		

266

Developmental		Environmental	
Symposium	351	Invited Address	474
Invited Address	352	Oral Presentation	474
Invited Symposium	354	Poster Presentation	476
Oral Presentation	355		
Poster Presentation	361	Ethics	
Disability		Symposium	481
Invited Address	371	Invited Address	483
Oral Presentation	371	Invited Symposium Oral Presentation	484 484
Poster Presentation	372	Poster Presentation	486
Disaster		T4hadada	
Oral Presentation	375	Ethnicity	
Poster Presentation	376	Invited Address	488
		Oral Presentation	488
Diversity		Poster Presentation	489
Symposium	379	T- 1 4*	
Invited Address	383	Evolutionary	
Invited Symposium Oral Presentation	384 385	Invited Address	491
Poster Presentation	387	Invited Symposium	491
		Oral Presentation	492
Early Development		Poster Presentation	494
Symposium	389	Experimental	
Oral Presentation	390	•	
Poster Presentation	392	Oral Presentation	496
Eating disorders		Poster Presentation	499
Oral Presentation	394	Family and Partnership	
Poster Presentation	394	Symposium	506
		Invited Address	508
<b>Economic and Business</b>		Invited Symposium	509
Invited Address	397	Oral Presentation	510
Invited Symposium	397	Poster Presentation	516
Oral Presentation	399		
Poster Presentation	401	Forensic Psychology	
Education		Symposium	525
Symposium	405	Invited Address Oral Presentation	526 526
Invited Address	410	Poster Presentation	527
Invited Symposium	410	1 ostor 1 rosentation	327
Oral Presentation	413		
Poster Presentation	425	Gender and Gender Identity	
Emotions		Symposium Invited Address	530 532
Symposium	446	Oral Presentation	532
Invited Address	448	Poster Presentation	539
Oral Presentation	449		
Poster Presentation	458	General	
Engineering & Technology		Symposium	543
0 0		Invited Symposium	544
Oral Presentation Poster Presentation	472 472	Oral Presentation Poster Presentation	545 546
1 OSIGI I IOSGIIIAIIOII	7/2		310





910

Mind		Physical Activity	
Symposium Oral Presentation	754 754	Oral Presentation Poster Presentation	838 839
Mindfulness		Political	
Symposium Oral Presentation Poster Presentation	756 756 759	Symposium Invited Address Oral Presentation Poster Presentation	841 842 843 847
Morality		Positive Psychology	
Oral Presentation Poster Presentation	763 766	Invited Address Invited Symposium	849 849
Motivation		Oral Presentation Poster Presentation	850 858
Invited Address Oral Presentation Poster Presentation	768 768 774	Post-Traumatic Stress Disorder Oral Presentation	974
Neuroscience		Poster Presentation	864 867
Invited Address	780	Prosocial Behavior	
Invited Symposium Oral Presentation Poster Presentation	781 783 784	Oral Presentation Poster Presentation	870 872
Obesity		Psychobiology	
Oral Presentation Poster Presentation	787 788	Symposium Poster Presentation	878 879
Pain		Psychopharmacology	
Poster Presentation	789	Symposium Oral Presentation	880 882
Parenting		Psychophysiology	
Symposium Invited Symposium Oral Presentation Poster Presentation	791 792 793 798	Invited Address Oral Presentation Poster Presentation	883 883 883
Peace		Psychotherapy	997
Oral Presentation Poster Presentation	804 804	Symposium Invited Address Oral Presentation Poster Presentation	887 890 890 895
Personality		<b>Public Service</b>	
Invited Address Invited Symposium Oral Presentation Poster Presentation	805 806 811 820	Symposium Oral Presentation  Quality of Life	901 901
Philosophical		Symposium	903
Invited Address Poster Presentation	836 836	Invited Address Invited Symposium Oral Presentation	907 908 909

Poster Presentation



PRABUE 2011 / Cerati Republic			
Race		Stress	
Oral Presentation	913	Invited Address	987
Poster Presentation	913	Invited Symposium Oral Presentation	987 988
Rehabilitation		Poster Presentation	992
Oral Presentation Poster Presentation	915 916	Teaching	
1 Oster 1 resentation	910	Invited Symposium	997
Religion		Oral Presentation	997
Invited Address	917	Poster Presentation	1001
Oral Presentation	917		
Poster Presentation	918	Terrorism	
Safety		Oral Presentation Poster Presentation	1005 1005
•		Poster Presentation	1003
Oral Presentation Poster Presentation	922 923	Theoretical	
			1006
School		Symposium Invited Address	1006 1006
Invited Address	925	Oral Presentation	1007
Invited Address Invited Symposium	925	Poster Presentation	1008
Oral Presentation	926		
Poster Presentation	930	Traffic and Transportation	
Sexual Orientation		Invited Address	1010
Invited Address	937	Oral Presentation Poster Presentation	1010 1013
Invited Address Invited Symposium	937	Toster Tresentation	1013
Oral Presentation	938		
Poster Presentation	942	Trauma	
Class		Symposium	1017
Sleep		Invited Address Oral Presentation	1020 1021
Oral Presentation	945	Poster Presentation	1028
Poster Presentation	945		
Social		Trust and Cooperation	
Symposium	947	Oral Presentation	1033
Invited Address	950	Poster Presentation	1035
Invited Symposium	950		
Oral Presentation	952	Virtual reality	
Poster Presentation	962	Oral Presentation	1038
Sport		Poster Presentation	1039
Oral Presentation Poster Presentation	979 981	Wellbeing	
1 Oster 1 resontation	701	Symposium	1040
Statistics and Data analysis		Invited Address	1046
		Invited Symposium	1047
Oral Presentation Poster Presentation	984 985	Oral Presentation Poster Presentation	1049 1059
1 Oster 1 resonation	903	1 OSCI 1 Teschiauon	1039



### **Testing Workplace Issues** Invited Address 1067 Invited Address 1079 Invited Symposium 1067 Oral Presentation 1079 Oral Presentation 1067 Poster Presentation 1080 Poster Presentation 1074

The abstracts of the 32nd International Congress of Psychology have been typeset from files kindly supplied by the organizing committee. The text of individual presentations is as originally submitted by the authors of the contributions. The arrangement of the presentations in this print volume is in accordance with the planned Congress program at the time the files were passed for publication. Any alterations made between this point in time and the actual date of the Congress will not be reflected in this volume.



the importance of promoting family communication and adolescent's emotional links at home. It is also important that schools work jointly with families to improve family satisfaction and the student's academic performance.

### 5931

# Love in the digital age: An investigation of partner-related facebook

Esra Elmas Öktem Maltepe University. Turkey

The purpose of the study was to measure how relationship satisfaction and attachment style were related to partner-related Facebook use with the aim of exploring individual's partner-related Facebook use on a Turkish sample. 336 participants; who are between the ages 20-40, in a romantic relationship currently, have a FB account and have a romantic partner who has a FB account; participated in the study. Besides the informed consent form; Demographic Information Form, Relationship Assessment Scale (RAS) to measure romantic relationship satisfaction, Experiences in Close Relationships- Revised (ECR-R) to measure adult attachment style and Partner-related Facebook Use Scale (PRFU) to evaluate different dimensions of partner-related FB use were utilized for this study. It was hypothesized that relationship satisfaction will be predicted by partner-related FB use. It was stated that attachment styles, gender and relationship-related demographic variables will be related to partner-related FB use. Similar to expectation, relationship satisfaction was predicted by some dimensions of partner-related FB use. Also, attachment styles and relationship-related demographic variables; total number of relationships and relationship status; were related to partner-related FB use. Specifically, more numbers of total relationships, being married and avoidant attachment was related to lower usage of partner-related FB. On the other hand, anxious attachment was related to higher levels of partner-related FB use. Contrary to expectations, there was no difference between men and women. The findings were discussed and clinical implications were made for the researchers and clinicians.

### 5632

### Communication barriers and facilitators that influence in couple interaction

Gerardo Beniamin **Tonatiuh** Villanueva-Orozco National Autonomous University of Mexico, Mexico

Communication as an exchange process of verbal and non-verbal messages (C. Hendrick & S. Hendrick, 2000; Kimble et al., 2002; Nina, 1991; Pearson, 1993; Shannon, 1948; Satir, 1984; Watzlawick, Beavin & Jackson, 1991) involves two important aspects: Previous thoughts (cognition) before emitting messages

and the behavior that is used to emit the message (Baxter & Braithwaite, 2008; C. Hendrick & S. Hendrick, 2000). Previous research has found that negative interactions affect different areas in couple relationships (e.g. Duran, 2012; Stanley, Markman & Whitton, 2002); therefore, it is important to know what cognitive and behavioral aspects from the communication process influence the development of negative couple interactions in both men and women. 350 volunteers participated (45.6% men, 54.4% women), with an average age of 38.59 years (SD = 11.77), who had lived with their couple for at least a year. Four scales from the Couple Communication Inventory (Villanueva, 2012) were applied: The Communication Barriers and Facilitators Scale, the Personal Communication Style Scale, and from the Interaction Communication Scale the Negative Competitive Interaction and Equitable Interaction factors were used. By means of a linear regression, results show that whenever men and women perceive negative characteristics/attitudes from their partner such as annovance, mistreatment, bad mood, among other, the interaction becomes a negative competition. Results also suggest that in the absence of such attitudes the interaction becomes equative. On the other hand, when a woman believes that her couple does not complement her, the interaction becomes more competitive; contrary to men, who think that whenever their couple complements them the interaction becomes more equative. Therefore, in order to improve the interaction, people should avoid negative attitudes/characteristics and promote complementing each other as a couple.

- Mirna Garcia-Mendez National Autonomous University of Mexico - MX
- Sofia Rivera-Aragon National Autonomous University of Mexico - MX
- Pedro Wolfgang Velasco-Matus National Autonomous University of Mexico - MX

## Family adaptation and cohesion in families with child suffering with type 1 diabetes

Nadezhda F. Mikhailova (1), Anastasia Krasko (1) 1. St. Petersburg State Univer-

In this study family cohesion and adaptation in families where child suffers with first type diabetes were analyzed. The sample consists of 23 mothers, 4 fathers and 21 adolescents. Participants were asked to pass the following surveys: method of diagnosis of the attitude to the child's illness (DOBR; Kagan, Zhuravleva), the scale of perceived stress-10 (ShVS-10), validated by Ababkov, the Big-5 method (for parents) or Trier questionnaire (for adolescents), the questionnaire "Parent- child interaction (VRR)» by Markovskaya, Lazarus coping test, questionnaire «Scale of family

adaptation and cohesion (FACES-3 Questionnaire/Olson test)», a questionnaire of everyday stress and stressors associated with diabetes. The study showed that the child's illness affects every family members', including the patient himself and his parents, but also family functioning in general. Type 1 diabetes influences the whole family system, which has to encounter such problem. Specific stress determinates family functioning. Family cohesion, according to parents, was under the impact of diabetes-related stressors, experienced by themselves. Moreover, stressors experienced by their child influenced family cohesion, according to parents. Diabetes-related stressors determinates family cohesion according to adolescents' rates, as well as stress, perceived by their parents. Different stressors, experienced by adolescents, became predictors of family adaptation according to their own rates, as well as several parents' stressors.

### 3740

## The mediating role of work-family balance between marital relationship satisfaction and happiness Ppudah Ki South Korea

1464066x, 2023, S1, Downloaded from https://anlinelibtary.wiley.com/doi/10.1002/jpp.13020by Cochrane Russian Federation, Wiley Online Library on [28/10/2024]. See the Terms and Conditions (https://onlinelibtary.wiley.com/rems-and-conditions) on Wiley Online Library for rules of use; OA articles are governed by the applicable Creative Commons License

The purpose of this study is to investigate whether the work-family balance mediates the relation between marital relationship satisfaction and happiness for husbands and wives both working. Marital relationship satisfaction can affect the level of happiness. For couples both working, how beneficial they perceive with regards to making the work-family balance can mediate the path from marital relationship satisfaction to happiness. How satisfied they are in their relationship can positively influence their work-family balance, and in turn how well they manage their work-family life can affect their happiness. These structural relations are analyzed in this study. Especially, because husbands and wives are in a special relationship heavily affecting each other, this study examines the actor effect and the partner effect using the Actor-Partner Interdependence Model (APIM). The Panel Study on Korean Children (PSKC) data were utilized for this study. Three waves from 7th wave to 9th wave of the data were utilized to explore longitudinal dyadic relations (N = 1670). The results showed that the work-family balance mediated the relations between marital relationship satisfaction and happiness for both wives and husbands. Also, there were both actor and partner effects among marital relationship satisfaction, work-family balance, and happiness for both wives and husbands, except the partner effect of husband's martial relationship

