

Gayannée KEDIA

Karl-Franzens Universität Graz
Institut für Psychologie
Universitätsplatz 2/III
Raumnummer: 28
A-8010 Graz
Austria

E-mail: g.kedia@uni-graz.at

Tel. +43 (0) 316 380 8511

<http://webpsy.uni-graz.at/sozialpsychologie/>

<https://abrilliantmind.blog>



Civil-Status

- Born on November 20th, 1975
- French
- Current Professional situation: Assistant Professor at the Social Psychology Department of the University of Graz (Austria)

Research interest

My main research interests lay in social neuroscience, a new discipline that aims at investigating the neural correlates of social information processing. My approach consists of using classical behavioral methods as well as neuroimaging techniques such as fMRI or EEG to understand the cognitive processes at stake in social interactions.

Education and Qualification

- October 2007** Ph.D. in psychology at the University of Toulouse-2, “Les émotions morales: Approche psychologique et neurofonctionnelle” (“Moral emotions: Psychological and neurofunctional approach”) supervised by Prof. Denis J. Hilton and Dr. Jean-Luc Martinot
Jury: Dr. Paula Niedenthal, Dr. Nathalie George, Dr. Etienne Mullet, Prof. Denis Hilton & Dr. Jean-Luc Martinot.
With high distinction (Mention très honorable avec félicitations du jury)
- 2002-2003** Master’s by research in Cognitive Psychology supervised by Prof. D. Hilton
Universities of Toulouse-2 and Paris-8, EPHE
First-class Honors
- 2000-2002** Bachelor’s Degree in Psychology, University of Toulouse-2
- June 2000** Master’s Degree in Cellular Biology and Physiology,
Optional subject Neuroscience
University of Toulouse-3
Top student, Upper second class Honors

Research experience

- Since 2014** University Assistant with doctorate in the Social Psychology Department at the University of Graz (Austria)
- 2012-2014** Assistant Professor in the Social Psychology Department at the University of Cologne (Germany)
- 2009-2011** Post-doctoral position in the Social Psychology Department at the University of Cologne (Germany) supervised by Pr. Thomas Mussweiler. Position funded by an ESRC grant on the “Neural correlates of social comparison” in collaboration with Dr. David Linden (Bangor, UK)
- 2008-2009** Post-doctoral position in the School of Psychology at Bangor University (Bangor, UK) supervised by Dr. David Linden. Position funded by an ESRC grant on the “Neural correlates of social comparison” in collaboration with Pr. Thomas Mussweiler (Cologne, Germany)
- 2006-2008** Research and teaching officer at the University of Toulouse-2 (France, Attachée Temporaire d’Enseignement et de Recherche, ATER)
- 2006-2008** Research officer at the Department of Psychiatry for Adolescents and Young Adults, Institute Mutualiste Montsouris (Paris, France).
- 2003-2006** Ph.D. scholarship of the French Ministry of Research jointly supervised by Prof. Denis J. Hilton at the University of Toulouse-2 (France) and Dr. Jean-Luc Martinot at the Institute for Health and Medical Research (INSERM), and Atomic Energy Commission (CEA, Research Unit Neuroimaging in Psychiatry U797, IFR 49, Frédéric Joliot Department (SHFJ), Orsay, (France)
- 2002-2003** Research assistant in social psychology with Pr. Denis Hilton at the University of Toulouse-2 (France)
- July 2000** Internship on memory evaluation in the Neuropsychology Department at Purpan Hospital of Toulouse (France)
- 1999-2000** Internship on the neural correlates of visual recognition using Event-Related Potentials (ERPs) supervised by Pr. Margot J. Taylor at the Brain and Research Center of Toulouse (CerCo, UMR 5549, UPS-CNRS, Toulouse, France)

Publications (Peer-reviewed)

Total citations: 245; h-index: 6 (based on all publications).

- Bushati, B., Rotter, D., Lipp, B., **Kedia, G.**, Corcoran, K., & Schmölzer-Eibinger, S. (2019). Mit Freundinnen und Freunden Sprache lernen. Freundschaftsnetzwerke als Sprachlernressource in sprachlich heterogenen Klassen. *ÖDAF-Mitteilungen*, 2, 1-18.
- Kedia, G.**, Brohmer, H., Scholten, M., & Corcoran, K. (2019). Improving self-control: The influence of role-models on intertemporal choices. *Frontiers in Psychology*, in press.
- Brohmer, H., Fauler, A., Floto, C., Athenstaedt, U., **Kedia, G.**, Eckerstorfer, L. V., & Corcoran, K. (2019). Inspired to lend a hand? Attempts to elicit prosocial behavior through goal contagion. *Frontiers in Psychology*, 10.
- Eckerstorfer, L. V., Tanzer, N. K., Vogrincic-Haselbacher, C., **Kedia, G.**, Brohmer, H., Dinslaken, I., Corcoran, K. (2018). Key elements of mHealth interventions to successfully increase physical activity: A meta-regression. *JMIR mHealth and uHealth*.
- Kedia, G.**, Harris, L., Lelieveld, G-J., & van Dillen, L. (2017). From the brain to the field: The applications of social neuroscience to economics, health and law. *Brain Sciences*, 7, 94.
- Kedia, G.**, Mussweiler, T., Adam, R., Ischebeck, A., Ihssen, N., & Linden, D. E. J. (2017). So pretty! The neural correlates of self-other vs. familiar-other attractiveness comparisons. *Social Neuroscience*, 1–12.
- Jauk, E., Benedek, M., Koschutnig, K., **Kedia, G.**, & Neubauer, A. C. (2017). Self-viewing is associated with negative affect rather than reward in highly narcissistic men: an fMRI study. *Scientific Reports*, 7.
- Ohmann, K., Stahl, J., Mussweiler, T., & **Kedia, G.** (2016). Immediate relativity: EEG reveals early engagement of comparison in social information processing. *Journal of Experimental Psychology: General*, 145, 1512-1529.
- Kedia, G.**, Mussweiler, T., & Linden, D. E. J. (2014). Brain mechanisms of social comparison and their influence on the reward system: *NeuroReport*, 25(16), 1255–1265.
- Chester, D. S., Powell, C. A. J., Smith, R. H., Joseph, J. E., **Kedia, G.**, Combs, D. J. Y., DeWall, N. (2013). Justice for the average Joe: The role of envy and the mentalizing network in the deservingness of others' misfortunes. *Social Neuroscience*, 8, 640-9.
- Kedia, G.**, Mussweiler, T., Mullins, P., & Linden, D. E. J. (2013). The neural correlates of beauty comparison. *Social Cognitive and Affective Neuroscience*, 9, 681-8.
- Kedia, G.**, Lindner, M., Mussweiler, T., Ihssen, N., & Linden, D. E. J. (2013). Brain networks of social comparison. *Neuroreport*, 24, 259-264.
- Robin, M., Pham-Scottez, A., Curt, F., Dugre-Le Bigre, C., Speranza, M., Sapinho, D., & **Kedia, G.** (2012). Decreased sensitivity to facial emotions in adolescents with Borderline Personality Disorder. *Psychiatry Research*, 200, 417-421.

- Kedia, G.**, & Hilton, D. J. (2011). Hot as hell! The self-conscious nature of action regrets. *Journal of Experimental Social Psychology*, 47, 490-493.
- Robin, M., Berthoz, S., **Kedia, G.**, Dugre-Le Bigre, C., Curt, F., Speranza, M., ... Corcos, M. (2011). Apport du Multimorph à l'étude des processus de reconnaissance émotionnelle faciale (REF). Exemple de la personnalité borderline à l'adolescence. *Annales Médico-psychologiques, revue psychiatrique*, 169(2), 120–123.
- Kedia, G.**, & Berthoz, S. (2010). Propriétés psychométriques de la version française de l'inventaire de sentiment de culpabilité / Psychometric properties of the French version of the Guilt Inventory. *Canadian Journal of Psychiatry*, 55(12), 177-185.
- Kedia, G.**, Berthoz, S., Wessa, M., Hilton, D., & Martinot, J-L. (2008). An agent harms a victim: An fMRI study on specific moral emotions. *The Journal of Cognitive Neuroscience*, 20, 1-11.
- Berthoz, S., Wessa, M., **Kedia, G.**, Gery, I., Miljkovith, R., Wicker, B., Grèzes, J. (2008). Cross-cultural validation of the Empathy Quotient in a French-speaking sample. *The Canadian Journal of Psychiatry*, 53, 37-45.

Publications (Book chapters and scientific reviews for the general public)

- Kedia, G.**, & Corcoran, K. (in Press). Im Kopf eines Elefanten - die Last des Aufschiebens. *Wirtschaftspsychologie Aktuell*.
- Joseph, J. E., Powell, C. A., Johnson, N. F. & **Kedia, G.** (2008). The functional neuroanatomy of envy. In R. Smith (Ed.), *Envy: Theory and Research*, pp.245-263. Oxford: Oxford University Press.
- Kedia, G.** (2009). La morale et les émotions. *Revue électronique de Psychologie Sociale*, 4, 47-53.
- Kedia, G.** & Berthoz, S. (2008). Quand le rouge vous monte aux joues... *Cerveau & Psycho*, 26, 44-47.
- Berthoz, S. & **Kedia, G.** (2006). Les traces cérébrales de la morale. *La Recherche*, 398, 46-50.

Poster and paper presentations

- March 2019** "Interpersonal Synchrony: Genes, Brains and Behavior in Social Interaction", Symposium organized for the International Convention of Psychological Science (Paris, France).
- July 2018** "Brain synchronization during first time social interaction." (with S. Fresnoza, C. Hutzinger, E. Jauk, A. Ischebeck & K. Corcoran), Talk at the 4th international conference of the European Society for Cognitive and Affective Neuroscience (ESCAN, Leiden, The Netherlands)

- May 2018** “On the same wavelength: An EEG brain coupling study.” (with S. Fresnoza, C. Hutzinger, E. Jauk, A. Ischebeck & K. Corcoran), Poster presentation at the annual meeting of the Social & Affective Neuroscience Society (New York, USA)
- July 2017** “Choosing what’s right when I feel like doing wrong: The influence of modeling on self-control.” (with K. Corcoran & M. Scholten), Talk at 17th General meeting of the European Association of Social Psychology (Granada, Spain)
- March 2017** “Social comparison in the brain.” (with T. Mussweiler, R. Adams, A. Ischebeck & D. Linden), Poster presentation at the International Convention of Psychological Science (Vienna, Austria).
- November 2015** “The neural correlates of social comparisons: Differential activations for self-related comparisons.” (with T. Mussweiler, R. Adams, A. Ischebeck & D. Linden), Talk at the ÖGfMRT / OHBM symposium 2015 (Vienna, Austria)
- April 2015** “The neural correlates of social comparisons: Differential activations for self-related comparisons.” (with T. Mussweiler, R. Adams, A. Ischebeck & D. Linden), Poster presentation at the Social and Affective Neuroscience Society Annual Meeting 2015 (Boston, USA)
- July 2014** “Social comparison and the mental line hypothesis: When it’s ok to treat people like numbers.” (with K. Banscherus, K. Corcoran & T. Mussweiler), Talk at the 17th EASP General meeting (Amsterdam, the Netherlands)
- February 2014** “I am not a number! Am I? Testing the mental line hypothesis for social comparisons.” (with K. Banscherus, K. Corcoran & T. Mussweiler), Poster presentation at the 15th Annual Meeting of the Society for Personality and Social Psychology (SPSP) Conference (Austin, USA)
- May 2013** “Lined up: Cognitive and cerebral mechanisms of person comparison”, Talk at the Post-doc 2013 Workshop (Cologne, Germany)
- July 2011** “I am not a number! Am I? The neural correlates of person comparison” (with M. Lindner, T. Mussweiler, P. Mullins & D. Linden), Poster presentation at the 16th General meeting of the European Association of Social Psychology (Stockholm, Sweden)
- October 2010** “Nothing compared to comparisons! An fMRI study on the neural correlates of person comparison” (with T. Mussweiler, P. Mullins & D. Linden), Poster presentation at the Social and Affective Neuroscience Conference (Chicago, USA)
- June 2010** “Nothing compared to comparisons! An fMRI study on the neural correlates of person comparison” (with T. Mussweiler, P. Mullins & D. Linden), Poster presentation at Human Brain Mapping (Barcelona, Spain)

- September 2009** “One for all: Similar patterns of brain activity in response to the involvement of self and other across different social cognition paradigms” (with M. Lindner, S. Berthoz, D. Linden, M. Wessa, D. Hilton, J-L. Martinot & T. Mussweiler), Poster presentation at the Neuro-Visionen 5 Conference organized by the Competence Network Neuroscience NRW (Bochum, Germany)
- February 2009** “One for all: Similar patterns of brain activity in response to the involvement of self and other across different social cognition paradigms” (with M. Lindner, S. Berthoz, D. Linden, M. Wessa, D. Hilton, J-L. Martinot & T. Mussweiler), Poster presentation at the ESF-JSPS Frontier Science Conference for young researchers in Social Cognitive Neuroscience (AquaFREDDA di Maratea, Italy)
- May 2008** “Relations between moral behavior, moral emotions and reasoning, and the moral brain: A multilevel study” (with S. Berthoz, M. Wessa, D. Hilton & J-L Martinot), Poster presentation at the 15th General meeting of the European Association of Experimental Social Psychology (Opatija, Croatia)
- January 2008** “Comportement social et introspection émotionnelle: Etude des relations entre l’empathie et l’alexithymie” (with S. Berthoz, & J. Grèzes), Poster presentation at the 6th Encéphale Congress (French-speaking Psychiatry Conference, Paris, France).
- October 2007** “Relations between moral behavior, moral emotions and reasoning, and the moral brain: A multilevel study” (with S. Berthoz, M. Wessa, D. Hilton & J-L Martinot), Poster presentation at the Fourth International Conference on The (Non)Expression of Emotions in Health and Disease (Tilburg, the Netherlands)
- June 2006** “The neural correlates of the different families of moral emotions: A fMRI study.” (with S. Berthoz, M. Wessa, D. Hilton & J-L Martinot), Poster presentation at Human Brain Mapping (Florence, Italy).
- September 2005** “Socializing regret: The moral nature of action regrets”, Paper presentation at ESCON Transfer of Knowledge Conference (Vitznau, Switzerland)
- January 2005** " Moralizing regret " (with Denis Hilton), Poster presentation at Foundation IPSEN Conference on the Neurobiology of Human Values (Paris, France)
- September 2004** “Les déterminants cognitifs des émotions contrefactuelles: Le cas du remords.", Paper presentation at Lausanne ADRIPS Conference (French-speaking Social Psychology Conference, Lausanne, Switzerland)
- August 2004** “Social cognitive neuroscience and neuroeconomics” (with D. Hilton and M. Gourdon), Talk at Concarneau Summer School in Integrative Neurosciences (Concarneau, France)

Seminar presentations & invited talks

- December 2018** “Brain synchronization during first time social interaction”, Talk at the European Federation of Psychology Student's Association (EFPSA) day, University of Graz (Austria).
- April 2015** “On the overlap between social characteristics and nonsocial magnitudes: When it’s ok to treat people like numbers”, Department of Psychology, University of Vienna (Vienna, Austria)
- March 2014** “On the overlap between social characteristics and nonsocial magnitudes”, Department of Psychology, University of Leiden (Leiden, the Netherlands)
- February 2014** “When it’s ok to treat people like numbers”, Self Regulation Lab, University of Texas (Austin, USA)
- June 2013** “Lined up: Cognitive and cerebral mechanisms of person comparison”, Department of Clinical Psychology and Neuropsychology, University Johannes Gutenberg of Mainz (Mainz, Germany)
- May 2013** “Retour á la ligne: Mécanismes cognitifs et cérébraux de la comparaison de personnes”, Department of Social Psychology, University of Lausanne (Lausanne, Switzerland)
- May 2008** “Les émotions morales: Approche psychologique et neurofonctionnelle”, Department of Psychiatry for Children and Adolescents, Pitié-Salpêtrière Hospital (Paris, France).
- March 2008** “Moral emotions: Psychological and neurofunctional approach”. Département d'Etudes Cognitives, ENS (Paris, France).
- October 2007** “Le rôle de la raison et des émotions dans le respect des règles sociales et morales”, Cognition et Mobilité, Seminar jointly organized by Pr. Alain Berthoz (Collège de France) and Philippe Martin (RATP, French public transportations) (Paris, France).
- October 2007** “Les émotions morales: Approche psychologique et neurofonctionnelle”, LENA, Pitié-Salpêtrière Hospital (Paris, France).

Grants

- European Association for Social Psychology (EASP) grant to organize the small group meeting “Towards a Neuroscience for Social Psychologists” in Graz, Austria (€4000)
- Research Development Grant from the Association for Contextual Behavioral Science (ACBS, 2012) “*Beyond self-compassion: Does mindfulness reduce stereotyping towards despised social targets?*”
- Postgraduate travel grant from the European Association of Experimental Social Psychology (EAESP, 2006)
- Ph.D. thesis scholarship from the French Ministry of Research (2003)

Professional Associations Memberships and Activities

- Vice-president of the European Association for Social and Affective Neuroscience (ESAN)
- Referee work for *Frontiers in Psychology: Personality and Social Psychology* (Review Editor), *Cerebral Cortex*, *Cognitive Neuropsychiatry*, *European Journal of Social Psychology*, *European Review of Applied Psychology*, *Journal of Psychophysiology*, *Neuropsychologia*, *PLOS ONE*, *Social Cognitive and Affective Neuroscience (SCAN)*, *Social Neuroscience Series* (Cambridge University Press)
- Association membership: European Association of Experimental Social Psychology, European Social and Affective Neuroscience Society, Organization for Human Brain Mapping, Österreichische Gesellschaft für Psychologie (Austrian Psychology Association), Social and Affective Neuroscience Society

Organizational experience

- July 2018** Organization of the satellite meeting to the 4th international conference of the European Society for Cognitive and Affective Neuroscience “How the Social Context shapes Brain and Behavior” (ESCAN, Leiden, The Netherlands). Organized in collaboration with Susanne Quadflieg, Lasana Harris, Lotte van Dillen, and Gert-Jan Lelieveld. See <http://essan2018.lt-harris.info/>
- July 2017** Organization of the pre-conference to the 17th General meeting of the European Association of Social Psychology: “Social Minds, Social Brains” (Granada, Spain). Organized in collaboration with Susanne Quadflieg, Lasana Harris, Lotte van Dillen, and Gert-Jan Lelieveld. See <https://sites.google.com/site/easpsocialbrain/>
- September 2015** Organization the EASP Small Group Meeting: “Towards a neuroscience for Social Psychologists” (Graz, Austria). Organized in collaboration with Lasana Harris, Lotte van Dillen, and Gert-Jan Lelieveld. Meeting sponsored by the European Association of Social Psychology (EASP), the University of Graz, INGE St. and the Austrian Association of Psychology.
- February 2013** Organization of the “Post-Doc 2013 Workshop” in collaboration with Katja Corcoran, Jan Crusius, Jennifer Mayer, and Femke van Horen. Workshop sponsored by the Social Psychology group of the German Science Foundation (Fachgruppe Sozialpsychologie, DFG), Cologne (Germany).
- June 2006** Organizational membership in the “Small Group Meeting on Collective remembering, collective emotions and shared representations of history: Functions and dynamics” organized by Denis Hilton, James Liu, Bernard Rimé & Wolfgang Wagner and funded by the European Association of Experimental Social Psychology (EAESP), Aix en Provence (France)

Workshops and lectures on scientific writing and productivity

- Kedia, G.** (March 2020). Time management. Post-doc meeting at Vienna University of Economics and Business (Wirtschaftsuniversität Wien, Austria) organized by the Personnel Development and Planning Office.
- Kedia, G.** (February 2020). Scientific writing. 2-day workshop at the University of Innsbruck (Austria) organized by the Personnel Development Office.
- Kedia, G.** (December 2019). Scientific writing: From a blank page to the finished paper without burning out in the process. 2-day workshop at the Graz University of Technology (Austria) organized by the Department for Languages, Key Competencies, and In-House Training.
- Kedia, G.** (November 2019). Overcoming writer's block in science: How to experience flow and pleasure in writing. 2-day workshop at Vienna University of Economics and Business (Wirtschaftsuniversität Wien, Austria) organized by the Personnel Development and Planning Office.
- Kedia, G., & Sloan P.** (September & November 2019). Scientific writing: From a blank page to the finished paper without burning out in the process. Two 2,5-day workshops at the Johannes Kepler University of Linz (Austria) organized by the Department for Personnel Development and Gender and Diversity Management.
- Kedia, G.** (November 2019). Scientific writing. 1-day workshop at the University of Klagenfurt (Austria) organized by the Personnel Development Office.
- Kedia, G.** (October 2019). Scientific writing: From a blank page to the finished paper without burning out in the process. 2-day workshop at the Graz University of Technology (Austria) organized by the Department for Languages, Key Competencies, and In-House Training.
- Kedia, G.** (October & December 2019). Wie man aufhört zu zögern und seine Schreibziele zügig erreicht. 1,5-day workshop at the Karl-Franzens University of Graz (Austria) organized by the Writing Center.
- Kedia, G.** (July 2019). Writing hands-on. Lecture held at the “Summerschool and Writing Retreat” from the Young Researcher Team of the Austrian Psychological Society (JuWi ÖGP), Spital-am-Pyrrn (Austria).
- Kedia, G.** (June 2019). Riding the elephant (or how to overcome procrastination). Lecture held during the *Long night of postponed works* (“Lange Nacht der aufgeschobenen Arbeiten”) at the Graz University of Technology (Austria) organized by the Office of the Vice-Rector for Academic Affairs.

Teaching

Course / Seminar	Place & Semester
History of Social Psychology	University of Toulouse-2: WS 2004-2005, WS 2005-2006, WS 2006-2007, WS 2007-2008
Social and Intercultural Psychology	University of Toulouse-2: WS 2003-2004
Introduction to Social Psychology	University of Toulouse-2: SS 2008
Neurosciences	University of Toulouse-2: WS 2004-2005, SS 2008
Data analysis (SPSS & Excel)	University of Toulouse-2: SS 2006 University of Graz: SS 2015
Research methods	University of Toulouse-2: SS 2006
Personality and Social Interactions	Bangor University: SS 2009
Social cognitive neuroscience (Bachelor level)	University of Cologne: SS 2009, SS 2010, WS 2010-2011, SS 2011, SS 2012, SS 2013 Evaluated by the students with a mark of 4,1 on average (5 being the best possible mark)
The Self	University of Cologne: WS 2010-2011, WS 2012-2013, WS 2013-2014 Evaluated by the students with a mark of 4.2 (5 being the best possible mark) University of Graz: WS 2013-2014
Emotions	University of Cologne: WS 2010-2011, WS 2011-2012 Evaluated by the students with a mark of 4.4 on average (5 being the best possible mark)
Classical experiments in social psychology	University of Cologne: WS 2011-2012 Evaluated by the students with a mark of 4.6 on average (5 being the best possible mark) University of Graz: WS 2017-2018, WS 2018-2019
Experimentalpraktikum	University of Cologne: SS 2012, SS 2013, WS 2013-2014 Evaluated by the students with a mark of 4.7 on average (5 being the best possible mark)

Cognition in social context	University of Graz: WS 2014-2015, WS 2015-2016, WS 2017-2018, WS 2018-2019
Social neuroscience (master level)	University of Graz: SS 2016, SS 2017
Bachelor thesis	University of Graz: SS 2016
Psychology of morality and its application to politics and religion	University of Graz: SS 2017, SS 2018, SS2019
Stereotypes and Prejudices	University of Graz: SS 2015, WS 2015-2016, SS 2016 This class was nominated in the WS 2015-2016 by the students for a teaching price
Psychology of violence	University of Graz: WS 2016-2017
Supervision of master students	I have supervised theses from a dozen of master students at the University of Cologne and at the University of Graz
Supervision of Ph.D. students	2012- 2015: Supervision of Katharina Ohmann at the University of Cologne. Ph.D. thesis on the neural correlates of social comparison.

WS, Winter semester; SS, Summer semester.

Note: Only for the classes given at the University of Cologne were students asked to provide a general evaluation of the teaching.