

Sylvia D. Kreibig, Ph.D.

Department of Psychology
Stanford University
Stanford, CA 94305-2130

Email: skreibig@stanford.edu

Professional Appointments

- 07/2023–present **Senior Research Scientist**
Stanford Mind & Body Laboratory, PI: Alia Crum
Stanford University, Department of Psychology
- 10/2016–3/2023 **Senior Research Scientist**
Stanford Psychophysiology Laboratory, PI: James Gross
Stanford University, Department of Psychology
- 2/2010–9/2016 **Postdoctoral Research Fellow**
Stanford University, Department of Psychology
Advisor: James Gross

Education

- 2009 **Ph.D. in Psychology, *summa cum laude***
University of Geneva, Switzerland
Advisors: Guido Gendolla and Klaus Scherer
Dissertation: “Emotion, Motivation, and Appraisal: A Psychophysiological Analysis of Differential Emotion Elicitation in the Context of Achievement Motivation”
- 2005 **M.S. in Psychology, minor in Computer Science (*Diplom-Psychologe*)**
University of Kiel, Germany
Advisors: Roman Ferstl and Walton T. Roth
Thesis: “Situational and Individual Response Specificity to Emotional Films: Effects on Experiential, Cardiovascular, Electrodermal, Respiratory, and Muscular Responses”

Awards and Honors

- 2014 National Institute of Dental and Craniofacial Research Building Bridges Poster Award
“Impaired Daytime Emotion Regulation in Sleep Bruxism”
- 2014 Nomination for the Society for Psychophysiological Research’s Distinguished Scientific Award for Early Career Contribution to Psychophysiology for the year 2014
- 2008 Fellow of the German Society for Psychophysiology and its Application
- 2006 Student Poster Award of the Society for Psychophysiological Research
“Differential effects of film-induced fear and sadness on acoustic startle”
- 2005 Holstein Academic Prize, *iuventus academiae holsatorum*, University of Kiel, Germany
- 2004–2006 Fellow of the Lutz-E. Adolf Foundation for Intellectually Gifted
- 2004–2006 DaimlerChrysler Scholarship Program Research and Technology
- 2003 Foreign exchange scholarship of the German National Academic Foundation

2002 Foreign exchange scholarship of the German Academic Exchange Service
 2002–2008 Fellow of the German National Academic Foundation

Research Interests

Affect and health: Role of emotion (dys)regulation in disease etiology and prognosis
 Emotion regulation: Emotion regulation goals in cognitive reappraisal
 Emotion generation and differentiation: Role of appraisal processes and physiological differentiation

Research Grants and Fellowships

2021–2022 National Institutes of Health: National Institute of Dental and Craniofacial Research
 NIH Research Supplement to Promote Diversity in Health-Related Research to Research
 Project Grant Program (R01) (Stanford #R01DE026771 [Gross])

2018–2022 National Institutes of Health: National Institute of Dental and Craniofacial Research
 NIH Research Supplement to Promote Diversity in Health-Related Research to Research
 Project Grant Program (R01) (Stanford #R01DE026771 [Gross])

2018–2022 National Institutes of Health: National Institute of Dental and Craniofacial Research
 NIH Administrative Supplement to Research Project Grant Program (R01) (Stanford
 #R01DE026771 [Gross])

2017–2022 National Institutes of Health: National Institute of Dental and Craniofacial Research
 NIH Research Project Grant Program (R01) (Stanford #R01DE026771 [Gross]; early career
 stage scientist)
 “Emotion Dysregulation and Sleep-Time Masticatory Muscle Activity in Sleep Bruxism”

2016–2017 National Institutes of Health: National Institute of Dental and Craniofacial Research
 NIH High Priority, Short-Term Project Award (R56) (Stanford #R56DE025321-01A1
 [Gross]; early career stage scientist)
 “Characterization of autonomic, respiratory, and facial muscular reactivity during
 wake-time emotion regulation in sleep bruxism”

2016 Swiss Academy of Humanities and Social Sciences
 Travel grant (\$500)
 Attendance of the Annual Meeting of the Society for Psychophysiological Research

2012–2015 Swiss National Science Foundation
 Advanced Investigator Fellowship (PA00P1_139593; \$216,250)
 “Process and Outcome Differences between Qualitative and Quantitative Emotion
 Regulation Goals”

2010–2016 Stanford Center for Cognitive and Neurobiological Imaging Seed Grant
 Research awards for magnetic resonance imaging (cumulative \$34,800; PI)
 “Emotion Dysregulation and Sleep-Time Masticatory Muscle Activity in Sleep Bruxism”
 “Neural Substrates of Differential Emotion Regulation Goals in Cognitive Reappraisal”
 “Qualitative Emotion Regulation: Neural Correlates and Sex Differences”

2010–2012 Swiss National Science Foundation
 Young Investigator Fellowship (PBGEF1-125914; \$ 133,601)
 “Autonomic Effects and Neural Bases of Cognitive Control in Qualitative Emotional
 Responding”

2008–2010 Swiss Academy of Humanities and Social Sciences
 Research Fellowship (\$2,400)
 “The Role of Appraisal in the Psychophysiology of Motivation and Emotion”

2005–2006 Dr Heinz Dürr/Carl Zeiss-Foundation
 Research Fellowship (\$20,000)
 “Computational Methods in Affective Science Research”

Publications

IF, impact factor; CC, citation count (based on Google Scholar as of 2/27/2023)

32. Kreibig, S. D. (in press). Physiological measures of emotion. In J. L. Armony, & P. Vuilleumier (Eds.), *The Cambridge handbook of human affective neuroscience*. Cambridge, England: Cambridge University Press, 2nd ed.
31. ten Brink, M., Yan, Y., Zhang, J., Goldstein-Piekarski, A., Krause, A., Kreibig, S. D., Manber, R., & Gross, J. J. (2023). Pre-sleep affect predicts subsequent REM frontal theta in non-linear fashion. *Cognitive, Affective, and Behavioral Neuroscience*, 23, 306–322. Doi: <https://doi.org/10.3758/s13415-022-01051-7>. IF: 3.526; CC: 1.
30. Heekerens, J. B., Gross, J. J., Kreibig, S. D., Wingenfeld, K., & Roepke, S. (2023). The temporal dynamics of dissociation: Protocol for an ecological momentary assessment and laboratory study in a transdiagnostic sample. *BMC Psychology*, 11. Doi: <https://doi.org/10.1186/s40359-023-01209-z>. IF: 2.588; CC: 0
29. Kreibig, S. D., ten Brink, M., Mehta, A., Talmon, A., Zhang, J., Brown, A. S., Lucas-Griffin, S. S., Axelrod, A. K., Manber, R., Lavigne, G. J., & Gross, J. J. (2023). The role of emotion regulation, affect, and sleep in individuals with and without sleep bruxism: Protocol for a remote longitudinal observational study. *JMIR Research Protocols*, 12, e41719. Doi: <http://dx.doi.org/10.2196/41719>. IF: to be announced 6/2023; CC: 0
28. Kreibig, S. D., Brown, A. S., & Gross, J. J. (2023). Quantitative versus qualitative emotion regulation goals: Differential effects on emotional responses. *Psychophysiology*, e14387. Doi: <https://doi.org/10.1111/psyp.14387>. IF: 4.348; CC: 0
27. Murray, R. J., Kreibig, S. D., Pehrs, C., Vuilleumier, P., Gross, J. J., & Samson, A. C. (2023). Mixed emotions to social situations: An fMRI investigation. *NeuroImage*, 271, 119973. Doi: <https://doi.org/10.1016/j.neuroimage.2023.119973>. IF: 7.400; CC: 0
26. Zhang, J., ten Brink, M., Yan, Y., Goldstein-Piekarski, A., Krause, A., Manber, R., Kreibig, S., & Gross, J. J. (2023). Daytime affect and sleep EEG activity: A data-driven exploration. *Journal of Sleep Research*, e13916. Doi: <https://doi.org/10.1111/jsr.13916>. IF: 5.296; CC: 0
25. Behnke, M., Kreibig, S. D., Kaczmarek, L. D., Assink, M., & Gross, J. J. (2022). Autonomic nervous system reactivity during positive emotions: A meta-analytic review. *Emotion Review*, 17540739211073084, 1–29. Doi: <https://doi.org/10.1177/17540739211073084>. IF: 7.345; CC: 13
24. Gamaiunova, L., Kreibig, S. D., Glauser, E. D., Pellerin, N., Brandt, P.-Y., & Kliegel, M. (2022). Effects of two mindfulness based interventions on the distinct phases of the stress response across different physiological systems. *Biological Psychology*, 172, 108384. Doi: <https://doi.org/10.1016/j.biopsycho.2022.108384>. IF: 3.111; CC: 3
23. Kreibig, S. D., Samson, A. C., & Gross, J. J. (2022). Experiential, expressive, and physiological effects of positive and negative emotion regulation goals while reappraising amusing stimuli. *International Journal of Psychophysiology*, 178, 71–89. Doi: <https://doi.org/10.1016/j.ijpsycho.2022.05.002>. IF: 2.903; CC: 0

22. Zhang, J., ten Brink, M., Kreibig, S. D., Gilam, G., Goldin, P. R., Manber, R., Mackey, S., & Gross, J. J. (2021). Individual differences in perceived sleep quality do not predict negative affect reactivity or regulation. *Biological Psychology*, *164*, 108149. Doi: <https://doi.org/10.1016/j.biopsycho.2021.108149>. IF: 3.111; CC: 48
21. Ohrbach, R., Kreibig, S. D., & Michelotti, A. (2020). Psychosocial factors in sleep and awake bruxism and other oral parafunctions. In G. Lavigne, P. Cistulli, & M. Smith (Eds.), *Sleep Medicine and Dentistry*, (pp. 142–145). Chicago: Quintessence Publishing, 2nd ed.
20. Kreibig, S. D. (2017). Computational reproducibility of “Goal Relevance and Goal Conduciveness Appraisals Lead to Differential Autonomic Reactivity in Emotional Responding to Performance Feedback” (Kreibig, Gendolla, & Scherer, 2012): A guide and new evidence. *International Journal of Psychophysiology*, *119*, 93–107. Doi: <https://doi.org/10.1016/j.ijpsycho.2017.06.001>. IF: 2.903; CC: 2
19. Kreibig, S. D., & Gross, J. J. (2017). Understanding mixed emotions: Paradigms and measures. *Current Opinion in Behavioral Sciences*, *15*, 62–71. Doi: <https://doi.org/10.1016/j.cobeha.2017.05.016>. IF: 4.261; CC: 121
18. Wilhelm, F. H., Rattel, J. A., Wegerer, M., Liedlgruber, M., Schweighofer, S., Kreibig, S. D., Kolodyazhnyi, V., & Blechert, J. (2017). Attend or defend? Sex differences in behavioral, autonomic, and respiratory response patterns to emotion-eliciting films. *Biological Psychology*, *130*, 30–40. Doi: <https://doi.org/10.1016/j.biopsycho.2017.10.006>. IF: 3.111; CC: 42
17. Samson, A. C., Kreibig, S. D., Soderstrom, B., Wade, A. A., & Gross, J. J. (2016). Eliciting positive, negative, and mixed emotional states: A film library for affective scientists. *Cognition and Emotion*, *30*, 827–856. Doi: <https://doi.org/10.1080/02699931.2015.1031089>. IF: 2.720; CC: 139
16. Kreibig, S. D., Samson, A. C., & Gross, J. J. (2015). The psychophysiology of mixed emotional states: Internal and external replicability analysis of a direct replication study. *Psychophysiology*, *52*, 873–886. Doi: <https://doi.org/10.1111/psyp.12425>. IF: 4.348; CC: 23
15. Kreibig, S. D., Whooley, M. A., & Gross, J. J. (2014). Social integration and mortality in patients with coronary heart disease: Findings from the Heart and Soul Study. *Psychosomatic Medicine*, *76*, 659–668. Doi: <https://doi.org/10.1097/PSY.000000000000100>. IF: 4.312; CC: 23
14. Kreibig, S. D. (2014). Autonomic nervous system aspects of positive emotion. In M. Tugade, M. Shiota, & L. D. Kirby (Eds.), *Handbook of positive emotions*, (pp. 133–158). New York: Guilford Press. CC: 18
13. Kreibig, S. D., & Gendolla, G. H. E. (2014). Autonomic nervous system measurement of emotion in education and achievement settings. In R. Pekrun, & L. Linnenbrink-Garcia (Eds.), *International handbook of emotions in education*, (pp. 625–642). New York, NY: Routledge. Doi: <https://doi.org/10.4324/9780203148211.ch31>. CC: 41
12. Harrison, N. A., Kreibig, S. D., & Critchley, H. D. (2013). A two-way road: Efferent and afferent pathways of autonomic activity in emotion. In J. L. Armony, & P. Vuilleumier (Eds.), *The Cambridge handbook of human affective neuroscience*, (pp. 82–106). Cambridge, England: Cambridge University Press, 1st ed. Doi: <https://doi.org/10.1017/CBO9780511843716.006>. CC: 27
11. Kreibig, S. D., Samson, A. C., & Gross, J. J. (2013). The psychophysiology of mixed emotional states. *Psychophysiology*, *50*, 799–811. Doi: <https://doi.org/10.1111/psyp.12064>. IF: 4.348; CC: 105

10. Kreibig, S. D., Gendolla, G. H. E., & Scherer, K. R. (2012). Goal relevance and goal conduciveness appraisals lead to differential autonomic reactivity in emotional responding to performance feedback. *Biological Psychology*, *91*, 365–375. Doi: <https://doi.org/10.1016/j.biopsycho.2012.08.007>. IF: 3.111; CC: 82

9. Kreibig, S. D. (2012). Emotion, motivation, and cardiovascular response. In R. A. Wright, & G. H. E. Gendolla (Eds.), *How motivation affects cardiovascular response: Mechanisms and applications*, (pp. 93–117). Washington, D. C.: American Psychological Association. Doi: <https://doi.org/10.1037/13090-005>. CC: 16

8. Kolodyazhniy, V., Kreibig, S. D., Roth, W. T., Gross, J. J., & Wilhelm, F. H. (2011). An affective computing approach to physiological emotion specificity: Towards subject-independent and stimulus-independent classification of film-induced emotions. *Psychophysiology*, *48*, 908–922. Doi: <https://doi.org/10.1111/j.1469-8986.2010.01170.x>. IF: 4.348; CC: 137
*Shared first authorship.

7. Kreibig, S. D., Wilhelm, F. H., Roth, W. T., & Gross, J. J. (2011). Affective modulation of the acoustic startle: Does sadness engage the defensive system? *Biological Psychology*, *87*, 161–163. Doi: <https://doi.org/10.1016/j.biopsycho.2011.02.008>. IF: 3.111; CC: 12

6. Tuch, A. N., Kreibig, S. D., Roth, S. P., Bargas-Avila, J. A., Opwis, K., & Wilhelm, F. H. (2011). The role of visual complexity in affective reactions to web pages: Subjective, eye movement, and cardiovascular responses. *IEEE Transactions on Affective Computing*, *2*, 230–236. Doi: <https://doi.org/10.1109/T-AFFC.2011.18>. IF: 13.990; CC: 28

5. Friedman, B. H., & Kreibig, S. D. (2010). The biopsychology of emotion: Current theoretical, empirical, and methodological perspectives. *Biological Psychology*, *84*, 381–382. Doi: <https://doi.org/10.1016/j.biopsycho.2010.02.001>. IF: 3.111; CC: 14

4. Kreibig, S. D. (2010). Autonomic nervous system activity in emotion: A review. *Biological Psychology*, *84*, 394–421. Doi: <https://doi.org/10.1016/j.biopsycho.2010.03.010>. IF: 3.111; CC: 3,082

3. Kreibig, S. D., Gendolla, G. H. E., & Scherer, K. R. (2010). Psychophysiological effects of emotional responding to goal attainment. *Biological Psychology*, *84*, 474–487. Doi: <https://doi.org/10.1016/j.biopsycho.2009.11.004>. IF: 3.111; CC: 98

2. Kreibig, S. D., Schaefer, G., & Brosch, T. (2010). Psychophysiological response patterning in emotion: Implications for affective computing. In K. R. Scherer, T. Baenziger, & E. Roesch (Eds.), *A blueprint for affective computing: A sourcebook*, (pp. 105–130). Oxford, England: Oxford University Press. CC: 27

1. Kreibig, S. D., Wilhelm, F. H., Roth, W. T., & Gross, J. J. (2007). Cardiovascular, electrodermal, and respiratory response patterns to fear- and sadness-inducing films. *Psychophysiology*, *44*, 787–806. Doi: <https://doi.org/10.1111/j.1469-8986.2007.00550.x>. IF: 4.348; CC: 604

Manuscripts Under Review or in Preparation

5. Kreibig, S. D., ten Brink, M., Mehta, A., Manber, R., Lavigne, G. J., & Gross, J. J. (2023). Habitual emotional responding in individuals varying in sleep bruxism. *Manuscript in preparation*.
4. Kreibig, S. D., Bruckhaus, A. A., Samson, A. C., & Gross, J. J. (2023). Experiential, expressive, and physiological effects of positive and negative emotion regulation goals while reappraising disgusting stimuli. *Manuscript in preparation*.
3. Kreibig, S. D., Bruckhaus, A. A., Samson, A. C., & Gross, J. J. (2023). The temporal dynamics of positive and negative emotion regulation goals while reappraising disgusting stimuli: An electromyography study of facial expressive effects. *Manuscript in preparation*.
2. Kreibig, S. D., & Gross, J. J. (2023). Quantitative versus qualitative emotion regulation goals while reappraising emotional stimuli: Analyzing emotional experience and expression as deviation from the target state. *Manuscript in preparation*.
1. Kluge, E., Talmon, A., ten Brink, M. I., Kreibig, S. D., & Gross, J. J. (2023). Emotion regulation difficulties mediate the association between negative affect and subjective, but not objective poor sleep. *Manuscript under revision*.

Chaired Conference Symposia

3. Kreibig, S. D. (2010 May). *Affective engagement—Psychophysiological research on the interaction of affect and motivation viewed from an action phases model*. Symposium at the 3rd Annual Meeting of the Society for the Study of Motivation, Boston, MA, USA.
2. Kaernbach, C., & Kreibig, S. D. (2008 July). *Emotions and emotional representations*. Symposium at the XXIX. International Congress of Psychology, Berlin, Germany.
1. Kreibig, S. D. (2007 October). *William James' legacy: The present state of autonomic response specificity of emotion*. Symposium at the Society for Psychophysiological Research, 47th Annual Meeting, Savannah, GA, USA.

Invited Talks and Conference Presentations

59. Kreibig, S. D., & Gross, J. J. (2023 September). *Temporal dynamics of emotion and emotion regulation*. Symposium presentation in Psychopathology and Treatment Strategies, Society for Psychophysiological Research, 63rd Annual Meeting, New Orleans, LA, USA.
58. Bruckhaus, A. A., Kreibig, S. D., Samson, A. C., & Gross, J. J. (2023 March). *Experiential, expressive, and physiological effects of positive and negative emotion regulation goals while reappraising disgusting stimuli*. Poster presented at the 2023 Society for Affective Science Annual Conference, Long Beach, CA, USA.
57. Li, H., Kreibig, S. D., & Gross, J. J. (2023 March). *Exploring the role of introversion and cognitive emotion regulation strategy use in the link between solitude and affect*. Poster presented at the 2023 Society for Affective Science Annual Conference, Long Beach, CA, USA.
56. Li, H., Gross, J. J., & Kreibig, S. D. (2023 February). *The role of emotion regulation strategy use in the link between state solitude and state affect*. Poster presented at the 2023 Annual Convention of the Society for Personality and Social Psychology, Atlanta, GA, USA.

55. Kreibig, S. D. (2022 October). *Dynamic signal analysis methods for examining the role of goals in emotion regulation*. Invited talk presented at the Conference on Affective Processes and Dynamic Signal Analysis, Department of Psychology, University of Geneva, Geneva, Switzerland.
54. Bruckhaus, A. A., Kreibig, S. D., Samson, A. C., & Gross, J. J. (2022 September). *Experiential, expressive, and physiological effects of positive and negative emotion regulation goals while reappraising disgusting stimuli*. Poster presented at the Society for Psychophysiological Research, 62nd Annual Meeting, Vancouver, British Columbia, Canada.
53. ten Brink, M., Yan, Y., Zhang, J., Manber, R., Kreibig, S. D., & Gross, J. J. (2022 June). *Pre-sleep arousal predicts subsequent night's REM frontal theta power in a naturalistic context*. Poster presented at the SLEEP 2022 Meeting, Charlotte, NC, USA.
52. Zhang, J., ten Brink, M., Yan, Y., Kreibig, S. D., & Gross, J. J. (2022 March). *Daytime positive emotion is associated with REM alpha activity and non-REM gamma activity during sleep*. Poster presented at the 2022 Society for Affective Science Annual Conference, Whova and Gather.Town, virtual.
51. Kreibig, S. D., Zhang, J., ten Brink, M. I., & Gross, J. J. (2021 October). *Physiological indicators of emotion dysregulation in self-reported sleep bruxism*. Poster presented at the Society for Psychophysiological Research, 2021 Virtual Annual Meeting.
50. ten Brink, M. I., Zhang, J., Manber, R., Kreibig, S. D., & Gross, J. J. (2020 August). *Can a single night's sleep architecture predict next-day affect and affect regulation?* Poster presented at the SLEEP 2020 Virtual Meeting.
49. Kreibig, S. D., Samson, A. C., & Gross, J. J. (2020 April). *Undoing mixed feelings: The cognitive regulation of mixed emotional states*. Poster presented at the 2020 Annual Conference of the Society for Affective Science, San Francisco, CA, USA.
48. Samson, A. C., Dukes, D., Kreibig, S. D., Gross, J. J., Enav, Y., Philips, J. M., & Hardan, A. Y. (2019 August). *Measuring the experiential, behavioral, and physiological correlates of mixed emotions in Autism Spectrum Disorder*. Poster presented at the International Association for the Scientific Study of Intellectual and Developmental Disabilities World Congress, Glasgow, UK.
47. Kluge, E., Talmon, A., Kreibig, S. D., ten Brink, M., & Gross, J. J. (2019 June). *Does emotion regulation mediate the association between negative affection and subjective and objective insomnia?* Poster presented at the Bay Area Affective Science Meeting, San Francisco, CA, USA.
46. Lai, J., Kreibig, S. D., & Gross, J. J. (2019 June). *Knowing what you feel to know how to feel better: Emotional clarity predicts trait-ER capacity and reappraisal success in a lab paradigm*. Poster presented at the Bay Area Affective Science Meeting, San Francisco, CA, USA.
45. Zhang, J., Schöne, J. P., ten Brink, M., Kreibig, S. D., & Gross, J. J. (2019 June). *One-night sleep predicts emotional reactivity*. Poster presented at the Bay Area Affective Science Meeting, San Francisco, CA, USA.
44. Kreibig, S. D., Samson, A. C., & Gross, J. J. (2017 January). *Undoing mixed feelings: the cognitive regulation of mixed emotional states*. Poster presented at the Society for Personality and Social Psychology, 18th Annual Convention, San Antonio, TX, USA.
43. Samson, A. C., Kreibig, S. D., Gross, J. J., Enav, Y., Phillips, J. M., Zaharia, A., & Hardan, A. Y. (2017 May). *Experiential, Behavioral, and Physiological Correlates of Mixed Emotions in Individuals with Autism Spectrum Disorder*. Symposium presentation presented at the International Meeting for Autism Research 2017, San Francisco, CA, USA.

42. Kreibig, S. D., Samson, A. C., & Gross, J. J. (2016 September). *Reappraisal with a twist: experiential, behavioral, and physiological effects of emotional counter-regulation*. Poster presented at the Society for Psychophysiological Research, 56th Annual Meeting, Minneapolis, MN, USA.
41. Kreibig, S. D., Samson, A. C., & Gross, J. J. (2016 September). *Undoing mixed feelings: the cognitive regulation of mixed emotional states*. Poster presented at the Society for Psychophysiological Research, 56th Annual Meeting, Minneapolis, MN, USA.
40. Kreibig, S. D., Samson, A. C., & Gross, J. J. (2014 September). *Additional evidence for a distinct physiological response of mixed emotional states*. Poster presented at the Society for Psychophysiological Research, 54th Annual Meeting, Atlanta, GA, USA.
39. Kreibig, S. D., Samson, A. C., & Gross, J. J. (2014 September). *Psychophysiological quantification of emotion regulation flexibility: Experiential, expressive, and physiological effects of regulating pure and mixed emotions*. Poster presented at the Society for Psychophysiological Research, 54th Annual Meeting, Atlanta, GA, USA.
38. Kreibig, S. D., & Gross, J. J. (2014 May). *Impaired daytime emotion regulation in sleep bruxism*. Poster presented at the Association for Psychological Science, 26th Annual Convention, San Francisco, CA, USA.
37. Kreibig, S. D., Samson, A. C., & Gross, J. J. (2014 May). *Qualitative emotion regulation of negative, positive, and mixed emotions*. Symposium presentation in K. Brinkmann (Chair), *On feeling blue: Regulation and consequences of negative affect in healthy and disordered populations*, Association for Psychological Science, 26th Annual Convention, San Francisco, CA, USA.
36. Kreibig, S. D., Samson, A. C., & Gross, J. J. (2014 May). *The psychophysiology of mixed emotional states*. Data Blitz presented at the conference of the Society for the Study of Motivation 2014, San Francisco, CA, USA.
35. von Garnier, S., Kreibig, S. D., & Gross, J. J. (2014 May). *Differential feeling self-reports are associated with different emotional facial expressions*. Poster presented at the Association for Psychological Science, 26th Annual Convention, San Francisco, CA, USA.
34. Kreibig, S. D., & Gross, J. J. (2014 April). *Emotional reactivity and regulation in sleep bruxism*. Poster presented at the Society for Affective Science Annual Meeting, Bethesda, MD, USA.
33. von Garnier, S., Kreibig, S. D., & Gross, J. J. (2014 March). *Same situation—different emotions? Differential feeling self-report in the context of self-conscious awareness is associated with different emotional expressions*. Poster presented at the Consortium of European Research on Emotion conference, Berlin, Germany.
32. Kreibig, S. D., Samson, A. C., & Gross, J. J. (2013 August). *The psychophysiology of mixed emotional states: A test of non-differentiation, additive, and emergence accounts*. Short paper presented at the conference of the International Society for Research on Emotion 2013, Berkeley, CA, USA.
31. Samson, A. C., Kreibig, S. D., Soderstrom, B., & Gross, J. J. (2013 August). *A film library for research on mixed emotions: From amusement to disgust and everything in between*. Poster presented at the conference of the International Society for Research on Emotion 2013, Berkeley, CA, USA.
30. von Garnier, S., Kreibig, S. D., & Gross, J. J. (2013 August). *Different smiles for different feelings? Smiling in amusement, embarrassment, and mixed emotional states*. Short paper presented at the conference of the International Society for Research on Emotion 2013, Berkeley, CA, USA.

29. von Garnier, S., Kreibig, S. D., & Gross, J. J. (2013 January). *Same situation—different emotions? Embarrassment, amusement, and mixed emotional feelings in the context of self-conscious awareness*. Poster presented at the Society for Personality and Social Psychology, 14th Annual Convention, New Orleans, LA, USA.
28. Kreibig, S. D., Samson, A. C., & Gross, J. J. (2012 September). *The psychophysiology of mixed emotions*. Poster presented at the Society for Psychophysiological Research, 52nd Annual Meeting, New Orleans, LA, USA.
27. Kreibig, S. D., Samson, A. C., & Gross, J. J. (2011 September). *Between amusement and disgust: Blending of cardiovascular amusement and electrodermal disgust responses in mixed emotions*. Symposium presentation in M. N. Shiota (Chair), Focus on the positive: New directions in research on the psychophysiology of positive emotion, Society for Psychophysiological Research, 51st Annual Meeting, Boston, MA, USA.
26. Samson, A. C., Kreibig, S. D., & Gross, J. J. (2011 January). *Between amusement and repulsion: The role of individual differences in mixed emotional responding*. Poster presented at the Psychology of Humor Preconference at the 12th Annual Meeting of the Society for Personality and Social Psychology, San Antonio, TX, USA.
25. Brinkmann, K., & Kreibig, S. D. (2010 September). *Goal engagement and disengagement in dysphoria: Evidence for a maladaptive physiological response to performance feedback*. Poster presented at the Society for Psychophysiological Research, 50th Annual Meeting, Portland, OR, USA.
24. Kreibig, S. D. (2010 September). *Psychophysiology's third wave*. Symposium presentation in J. J. B. Allen (Chair), Psychophysiology in the next fifty years, Society for Psychophysiological Research, 50th Annual Meeting, Portland, OR, USA.
23. Kreibig, S. D., Sun, M., & Gross, J. J. (2010 September). *Stanford Psychophysiology Laboratory*. Poster presented at the International Exchange Forum at the Society for Psychophysiological Research, 50th Annual Meeting, Portland, OR, USA.
22. Kreibig, S. D., Gendolla, G. H. E., & Scherer, K. R. (2010 May). *Motivation-based appraisals determine emotion: Psychophysiological effects of self-relevant success and failure*. Symposium presentation in S. D. Kreibig (Chair), Affective engagement—Psychophysiological research on the interaction of affect and motivation viewed from an action phases model, 3rd Annual Meeting of the Society for the Study of Motivation, Boston, MA, USA.
21. Kreibig, S. D., Gendolla, G. H. E., & Scherer, K. R. (2009 August). *Psychophysiological effects of emotional responding to goal attainment*. Hot topic presentation at the XVI. Conference of the International Society for the Study of Emotion, Leuven, Belgium.
20. Kreibig, S. D. (2009 March). *Psychophysiological effects of emotional responding to goal attainment*. Talk presented at the Annual Research Forum in Affective Sciences, Swiss Center for Affective Sciences, Geneva, Switzerland.
19. Kreibig, S. D., Gendolla, G. H. E., & Scherer, K. R. (2008 October). *I appraise relevance, therefore I emote: Psychophysiological effects of motivation-based appraisal processes in differential emotion elicitation*. Poster presented at the Society for Psychophysiological Research, 48th Annual Meeting, Austin, TX, USA.
18. Kreibig, S. D., Gendolla, G. H. E., & Scherer, K. R. (2008 July). *Because it matters to me: Differential emotion elicitation by experimental manipulation of self-relevance and goal conduciveness appraisals*. Poster presented at the XXIX. International Congress of Psychology, Berlin, Germany.

17. Kreibig, S. D., Wilhelm, F. H., Roth, W. T., & Gross, J. J. (2008 July). *A discrete or dimensional affective landscape? Evidence for emotion discreteness from a multiple-response-levels analysis of film-induced fear and sadness*. Symposium presentation in C. Kaernbach & S. D. Kreibig (Chairs), Emotions and emotional representations, xxix. International Congress of Psychology, Berlin, Germany.
16. Kreibig, S. D. (2008 June). *How the study of fear and sadness can inform about the dimensionality of affective space: A multiple-response-levels analysis*. Invited talk presented at the Institutskolloquium der Psychologie [Colloquium of the Department of Psychology], University of Kiel, Kiel, Germany.
15. Kreibig, S. D. (2008 June). *Emotion and dimensionality: Linguistic and psychophysiological approaches*. Invited talk at the Forschungszentrum Stimme und Emotion [Research Center Voice and Emotion], University of Kiel, Kiel, Germany.
14. Kreibig, S. D., Gendolla, G. H. E., & Scherer, K. R. (2008 May). *Psychophysiological effects of motivation-based appraisals in differential emotion elicitation*. Poster presented at the Inaugural Meeting of the Society for the Study of Motivation, Chicago, IL, USA.
13. Kreibig, S. D., Gendolla, G. H. E., & Scherer, K. R. (2008 May). *Sympathetically activating effects of positive self-reflexive emotions*. Poster presented in the Brain, Body, Behavior, and Health Poster Session at the Association for Psychological Science, 20th Annual Convention, Chicago, IL, USA.
12. Kreibig, S. D. (2008 April). *I appraise relevance, therefore I emote: Psychophysiological effects of motivation-based appraisal processes in differential emotion elicitation*. Talk presented at the Annual Research Forum in Affective Sciences, Swiss Center for Affective Sciences, Geneva, Switzerland.
11. Kreibig, S. D. (2008 March). *Appraisal of goal relevance and goal conduciveness differentially affect emotion quality: Effects on self-report, autonomic nervous system, and facial expressions*. Talk presented at the DGPA Spring School 2008 Biopsychology of Emotions, Seeon, Germany.
10. Kreibig, S. D., Gross, J. J., Roth, W. T., & Wilhelm, F. H. (2008 March). *Den affektiven Raum neu vermessen: Belege für ein diskretes Emotionsmodell aus der Analyse multipler Reaktionsebenen von Film-induzierter Furcht und Traurigkeit [Re-mapping affective space: Evidence for a discrete emotion model based on a multiple-response levels analysis of film-induced fear and sadness]*. Symposium presentation in C. Kaernbach (Chair), Peripherphysiologische Reaktionen auf emotionale Stimuli [Peripheral physiological responses to emotional stimuli], 50. Tagung experimentell arbeitender Psychologen [50th Meeting of Experimentally Working Psychologists], Marburg, Germany.
9. Kreibig, S. D., Gendolla, G. H. E., & Scherer, K. R. (2007 October). *Sitting, listening, viewing, or performing? Effects of baseline task on quantification of autonomic reactivity in emotion*. Poster presented at the Society for Psychophysiological Research, 47th Annual Meeting, Savannah, GA, USA.
8. Kreibig, S. D., Wilhelm, F. H., Gross, J. J., & Roth, W. T. (2007 October). *The psychophysiology of fear and sadness: Cardiovascular, electrodermal, and respiratory responses during film viewing*. Symposium presentation in S. D. Kreibig (Chair), William James' legacy: The present state of autonomic response specificity of emotion, Society for Psychophysiological Research, 47th Annual Meeting, Savannah, GA, USA.
7. Wilhelm, F. H., Kolodyazhnyi, V., Kreibig, S. D., Roth, W. T., & Gross, J. J. (2007 October). *Affective computing: Using computational intelligence techniques to classify the psychophysiological signatures of emotions*. Poster presented at the Society for Psychophysiological Research, 47th Annual Meeting, Savannah, GA, USA.

6. Kreibig, S. D. (2007 July). *A multi-system-approach to physiological response patterns of emotion: The case of film-induced fear and sadness*. Invited talk presented at the Forschungskolloquium der Arbeitseinheit Allgemeine Psychologie 1 [General Psychology 1 Research Colloquium], Department of Psychology, University of Kiel, Kiel, Germany.
5. Kreibig, S. D., Gendolla, G. H. E., & Scherer, K. R. (2007 June). *Sitting, listening, viewing, or performing? Effects of baseline task on quantification of autonomic reactivity in emotion*. Poster presented at the Annual Research Forum in Affective Sciences, Swiss Center for Affective Sciences, Geneva, Switzerland.
4. Kreibig, S. D., Wilhelm, F. H., Roth, W. T., & Gross, J. J. (2006 October). *Differential effects of film-induced fear and sadness on acoustic startle*. Poster presented at the Society for Psychophysiological Research, 46th Annual Meeting, Vancouver, BC, Canada.
3. Kreibig, S. D., Gendolla, G. H. E., & Scherer, K. R. (2006 June). *Motivational appraisal processes in emotion elicitation: What emotion research can learn from motivation theory*. Poster presented at the Bertinoro Emotions Workshop of the Consortium of European Research on Emotion, Bertinoro, Italy.
2. Kreibig, S. D., Wilhelm, F. H., Gross, J. J., & Roth, W. T. (2005 September). *Specific emotional responses as deviations from the experimental context*. Poster presented at the Society for Psychophysiological Research, 45th Annual Meeting, Lisbon, Portugal.
1. Kreibig, S. D., Wilhelm, F. H., Gross, J. J., Ferstl, R., & Roth, W. T. (2004 October). *Situational and individual response specificity to emotion films: Effects on experiential, cardiovascular, electrodermal, respiratory, and somatic responses*. Poster presented at the Society for Psychophysiological Research, 44th Annual Meeting, Santa Fe, NM, USA.

Teaching Experience

Fall 2006–Spring 2009	Teaching Assistant , Motivation, Affect, and Personality, Department of Psychology, University of Geneva, Switzerland
Spring 2007, Spring 2008	Teaching Assistant , Advanced Seminar on Affective Sciences, Department of Psychology, University of Geneva, Switzerland
Fall 2004	Co-Instructor , Computer Science for Non-cs Majors, Department of Computer Science, University of Kiel, Germany
Spring 2002	Co-Instructor , Exercises in Language Philosophy, Department of Philosophy, University of Kiel, Germany
Spring 2002	Co-Instructor , Quantitative Methods of Psychology II, Department of Psychology, University of Kiel, Germany
Fall 2001	Co-Instructor , Quantitative Methods of Psychology I, Department of Psychology, University of Kiel, Germany

Academic Advising and Mentoring

2010–current	Supervised more than 250 students for Master’s Thesis, Special Laboratory Projects (PSYCH 195), Human Biology Internship (HUMBIO 197), Human Biology Research Exploration (HB-REX) Program, Psych-Summer Research Program, Stanford Bio-X Undergraduate Summer Research Program (USRFP), Full-Time Research Internship, Summer Research Internship, and Part-Time Research Assistantship at Stanford University.
Summer 2008	Supervised 1 student internship at the University of Geneva, Switzerland

Quantitative Skills

Scientific computing in R, PYTHON

Advanced multivariate statistical data analysis in R, SPSS, STATISTICA, SYSTAT

Psychophysiological signal processing in R, MATLAB

Computer-controlled experimentation with INQUISIT, PSYCHOPY, PRESENTATION, E-PRIME

Shell script and imperative and object-oriented programming in PASCAL, C, JAVA

Typesetting in L^AT_EX, HTML

Specialized Training

- 2019 Ambulatory assessment of activity, sleep, and motion through wrist actigraphy (Spectrum Plus, Philips Home Healthcare Solutions); electrocardiography, respiration, activity, and sleep through wireless wearable chest patch (VitalScout, VivaLNK); continuous beat-by-beat blood pressure (cNIBP), heart rate, and other physiological parameters through finger cuff (Caretaker, Caretaker Medical); and sleep-time jaw grinding-related electromyographic muscle activity through temporalis electrode (GrindCare, Sunstar)
- 2017 Ambulatory polysomnography (32 channels), Siesta recording system, Compumedics
- 2010 Functional Magnetic Resonance Imaging Methods, Robert F. Dougherty and Laima Baltusis, Stanford Center for Cognitive and Neurobiological Imaging
- 2006–2009 Graduate School in Affective Sciences, David Sander and Klaus R. Scherer, Swiss Center for Affective Sciences, Geneva, Switzerland
- 2008 Spring School on Biopsychology of Emotions, German Society for Psychophysiology and its Application (“Deutsche Gesellschaft für Psychophysologie und ihre Anwendung”), Seon, Germany
- 2007 Electromyography Workshop, Ursula Hess, Swiss Center for Affective Sciences, Geneva, Switzerland
- 2006 Electromyography Workshop, Anton van Boxtel, Swiss Center for Affective Sciences, Geneva, Switzerland
- 2005 Courses on Data Mining, Pattern Recognition, and Modeling and Simulation, Narasimha Murty, Shirish Shevade, Rahul Simha, Department of Computer Science and Automation, Indian Institute of Science, Bangalore, India
- 2002–2003 Psychophysiological methods, Walton T. Roth and Frank H. Wilhelm, Laboratory of Clinical Psychopharmacology and Psychophysiology, Stanford University School of Medicine and Veterans Administration Medical Center, Palo Alto, CA

Editorship and Reviewing

- 2023–current Consulting Editor, Biological Psychology
- 2023–current Editorial Board Member, Journal of Emotion and Psychopathology
- 2007–2010 Guest Editor, jointly with Bruce Friedman, Virginia Polytechnic Institute and State University, for Biological Psychology special issue, volume 84(3) *The biopsychology of emotion: Current theoretical and empirical perspectives*, published 2010
- 2010–2011 Grant Reviewer, Swiss National Science Foundation
- since 2007 Ad Hoc Reviewer for Biological Psychology, Cognition & Emotion, Emotion, Emotion Review, International Journal of Human–Computer Studies, International Journal of Psychophysiology, Journal of Psychophysiology, Motivation & Emotion,

Neuropsychologica, PLoS ONE, Progress in Neuropsychopharmacology & Biological Psychiatry, Psychology and Aging, Psychophysiology, Psychosomatic Medicine: Journal of Biobehavioral Medicine, Scandinavian Journal of Psychology, Schizophrenia Bulletin, Sensors, Social Psychological and Personality Science, IEEE's Transactions on Affective Computing

Service to Profession

2018–2024	Chair, Membership Committee, Society for Psychophysiological Research
2016–2018	Member, Membership Committee, Society for Psychophysiological Research
2012	Member, Student Poster Award Committee, Society for Psychophysiological Research
2012	Member, Program Committee for the 52 nd Annual Meeting of the Society for Psychophysiological Research, New Orleans, LA
2010–2015	Member, Committee on Women in Psychophysiology, Society for Psychophysiological Research
2009	Member, Program Committee for the 49 th Annual Meeting of the Society for Psychophysiological Research, Berlin, Germany
2008	Chair, Program Committee for the <i>Ambulatory Monitoring Round Table Meeting</i> , Swiss Center for Affective Sciences, Geneva, Switzerland
2007–2011	Member, Membership Retention Subcommittee, Committee to Promote Student Interests, Society for Psychophysiological Research
2007–2009	Student Member, Web Site Committee, Society for Psychophysiological Research
2005–2010	Chair and Member, International Students Subcommittee, Committee to Promote Student Interests, Society for Psychophysiological Research
2005–2010	Chair and Member, Interview Subcommittee, Committee to Promote Student Interests, Society for Psychophysiological Research

Professional Memberships

2004–present	Society for Psychophysiological Research
2006–present	Association for Psychological Science
2008–present	Society for the Study of Motivation
2009–present	International Society for Research on Emotion
2013–present	Society for Personality and Social Psychology
2014–present	Society for Affective Science

Media Coverage

4/2021	More People Are Grinding Their Teeth at Night. Here's How to Stop It. <i>Sleep.com</i>
2/2021	Helping Patients Maintain Oral Health Through COVID-19. <i>DOCS Education/INCISOR—Cutting-Edge Dental News & Features</i>
11/2020	Facial Pain, Teeth Grinding on the Rise Amid Pandemic: How to Deal with it?. <i>The Science Times.</i>
9/2020	In these trying times, dentists are seeing more people with teeth-grinding and jaw-clenching — a.k.a. bruxism. <i>The Washington Post.</i>
12/2014	Research conducted at University of California has updated our knowledge about heart diseases. <i>Heart Disease Weekly.</i>

- 12/2014 [Socially isolated heart disease patients are 61% more likely to die than other patients.](#) *Research Bulletin*. Campaign to End Loneliness.
- 10/2014 [The lonely are more likely to die. But why?](#) *SCOPE*, Stanford University School of Medicine.
- 8/2011 [How they picked the saddest flick.](#) *Cosmic Log*. NBC News.