

# Alexander Weiss

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## Personal Details

Date of Birth: 20 June 1971  
Place of Birth: Frankfurt, Germany  
Citizenship: USA

## Positions Held

2019–2020	Visiting Professor, Wildlife Research Center, Kyoto University
2010–	Senior Lecturer, Department of Psychology, School of Philosophy, Psychology and Language Sciences, The University of Edinburgh
2005–2010	Lecturer, Department of Psychology, School of Philosophy, Psychology and Language Sciences, The University of Edinburgh

## Education & Training

2002–2005	Post-doctoral Fellow, National Institute on Aging, NIH
1996–2002	University of Arizona, PhD Psychology
1993–1996	California State University, Long Beach, MA Comparative Psychology
1989–1993	California State University, Los Angeles, BA Psychology

## Research Interests

Comparative psychology

Personality

Lifecourse epidemiology

Subjective well-being/covitality

Behavior genetics

Multivariate statistics

## Recognition of Research

2019	"Studying primate personality in zoos: implications for the management, welfare and conservation of great apes" identified as one of the top downloaded articles published in 2017-2018 in <i>International Zoo Yearbook</i>
2014	Elected Fellow of the Royal Society of Biology
2013	Fulker Award for best paper in <i>Behavior Genetics</i>
2012	"Evidence for a 'midlife crisis' in great apes consistent with the U-shape in human well-being" identified as one of the 20 most-read papers online during November in <i>Proceedings of the National Academy of Sciences of the United States of America</i>
	"All too human? Chimpanzee and orang-utan personalities are not anthropomorphic projections" identified as the second most downloaded article in <i>Animal Behaviour</i> within a 90 day period
2009	Paper "A cross-setting study of chimpanzee ( <i>Pan troglodytes</i> ) personality structure and development: Zoological Parks and Yerkes National Primate Research Center" recognized by the <i>American Journal of Primatology</i> as being one of the five most frequently cited papers of 2007
1998	Thompson Award for Outstanding Research by an Associate Member of the Behavior Genetics Association

## Recognition of Teaching

2019	Edinburgh University Students' Association Student-Staff Partnership Award
2011, 2012	Nominated for Edinburgh University Students' Association Teaching Award
2009–2011, 2013	Highest rated Year 2 Psychology module

## Affiliations

2014–	International Collaborator, Kyoto University Leading Graduate Program in Primatology and Wildlife Science
2012–	Research Member, Medical Research Council Centre for Cognitive Ageing and Cognitive Epidemiology

## Research Output

### Articles

- Morton, F. B., Robinson, L. M., Brando, S., & Weiss, A. (2021). Personality in bottlenose dolphins (*Tursiops truncatus*). *Journal of Comparative Psychology*, 135, 210–231. doi:10.1037/com0000259
- Weiss, A., Wilson, V. A. D., & Hopkins, W. D. (2021). Early social rearing, the V1A arginine vasopressin receptor genotype, and autistic traits in chimpanzees. *Autism Research*. doi:10.1002/aur.2550
- Weiss, A., Yokoyama, C., Hayashi, T., & Inoue-Murayama, M. (2021). Personality, subjective well-being, and the serotonin 1a receptor gene in common marmosets (*Callithrix jacchus*). *PLOS ONE*, 16, e0238663. doi:10.1101/2020.04.30.069773
- Masilkova, M., Weiss, A., Šlipogor, V., & Konečná, M. (2020). Comparative assessment of behaviorally-derived personality structures in golden-handed tamarins (*Saguinus midas*), cotton-top tamarins (*Saguinus oedipus*), and common marmosets (*Callithrix jacchus*). *Journal of Comparative Psychology*, 134, 453–466. doi:10.1037/com0000226
- Weiss, A., Costa, P. T., Jr., Deary, I. J., Garside, D. B., & Stamler, J. (2020). The MMPI factor scales and risk of death in men during 45 years of follow-up: The Western Electric Study. *Psychology and Aging*, 35, 97–111. doi:10.1037/pag0000421
- Weiss, A. & Deary, I. J. (2020). A new look at neuroticism: Should we worry so much about worrying? *Current Directions in Psychological Science*, 29, 92–101. doi:10.1177/0963721419887184
- Wilson, V. A. D., Weiss, A., Lefevre, C. E., Ochiai, T., Matsuzawa, T., Inoue-Murayama, M., ... Altschul, D. M. (2020). Facial width-to-height ratio in chimpanzees: Links to age, sex, and personality. *Evolution and Human Behavior*, 41, 226–234. doi:10.1016/j.evolhumbehav.2020.03.001
- Hill, W. D., Weiss, A., Liewald, D., Davies, G., Porteous, D. J., Hayward, C., ... Deary, I. J. (2019). Genetic contributions to two special factors of neuroticism are associated with affluence, higher intelligence, better health, and longer life. *Molecular Psychiatry*. doi:10.1038/s41380-019-0387-3
- Martin, J. S., Staes, N., Weiss, A., Stevens, J. M. G., & Jaeggi, A. V. (2019). Facial width-to-height ratio is associated with agonistic and affiliative dominance in bonobos (*Pan paniscus*). *Biology Letters*, 15, 20190232. doi:10.1098/rsbl.2019.0232
- von Borell, C., Weiss, A., & Penke, L. (2019). Developing individual differences in primate behavior: The role of genes, environment and their interplay. *Behavioral Ecology and Sociobiology*, 73, 20. doi:10.1007/s00265-019-2633-8
- Weiss, A., Gale, C. R., Čukić, I., Batty, G. D., McIntosh, A. M., & Deary, I. J. (2019). Conditioning on a collider may or may not explain the relationship between lower neuroticism and premature mortality in the study by Gale et al. (2017): A reply to Richardson, Davey Smith, and Munafó (2019). *Psychological Science*, 30, 633–638. doi:10.1177/0956797619833325
- Altschul, D. M., Hopkins, W. D., Herrelko, E. S., Inoue-Murayama, M., Matsuzawa, T., King, J. E., ... Weiss, A. (2018). Personality links with lifespan in chimpanzees. *eLife*, 7, e33781. doi:10.7554/eLife.33781

- Gartner, M. C. & Weiss, A. (2018). Studying primate personality in zoos: Implications for the management, welfare and conservation of great apes. *International Zoo Yearbook*, 52, 79–91. doi:10.1111/izy.12187
- Inoue-Murayama, M., Yokoyama, C., Yamanashi, Y., & Weiss, A. (2018). Common marmoset (*Callithrix jacchus*) personality, subjective well-being, hair cortisol level, and *AVPR1a*, *OPRM1*, and *DAT* genotypes. *Scientific Reports*, 8, 10255. doi:10.1038/s41598-018-28112-7
- Masilkova, M., Weiss, A., & Konečná, M. (2018). How long does it take? Reliable personality assessment based on common behaviour in cotton-top tamarins (*Sanguinus oedipus*). *Behavioural Processes*, 157, 59–67. doi:10.1038/s41598-018-28112
- Okeley, J., Weiss, A., & Gale, C. R. (2018). The interaction between individualism and well-being in predicting mortality: Survey of Health Ageing and Retirement in Europe. *Journal of Behavioral Medicine*, 41, 1–11. doi:10.1007/s10865-017-9871-x
- Robinson, L. M., Coleman, K., Capitanio, J. P., Gottlieb, D. H., Handel, I. G., Adams, M. J., ... Weiss, A. (2018). Rhesus macaque personality, dominance, behavior, and health. *American Journal of Primatology*, 80, e22739. doi:10.1002/ajp.22739
- Weiss, A. (2018). Comment on Wilson et al. (2014). Just think: The challenges of the disengaged mind. *Science*, 345, 75–77. *PsyArXiv*. doi:10.17605/OSF.IO/7NGM2
- Weiss, A. (2018). Personality traits: A view from the animal kingdom. *Journal of Personality*, 86, 12–22. doi:10.1111/jopy.12310
- Wilson, V. A. D., Inoue-Murayama, M., & Weiss, A. (2018). A comparison of personality in the common and Bolivian squirrel monkey (*Saimiri sciureus* and *Saimiri boliviensis*). *Journal of Comparative Psychology*, 132, 24–39. doi:10.1037/com0000093
- Altschul, D. M., Wallace, E., Sonnweber, R.-S., Tomonaga, M., & Weiss, A. (2017). Chimpanzee intellect: Personality, performance, and motivation with touchscreen tasks. *Royal Society Open Science*, 4, 170169. doi:10.1098/rsos.170169
- Arnaud, C. M., Suzumura, T., Inoue, E., Adams, M. J., Weiss, A., & Inoue-Murayama, M. (2017). Genes, social transmission, but not maternal effects influence responses of wild Japanese macaques (*Macaca fuscata*) to novel-object and novel-food tests. *Primates*, 58, 103–113. doi:10.1007/s10329-016-0572-9
- Bellegarde, L. G. A., Erhard, H. W., Weiss, A., Boissy, A., & Haskell, M. J. (2017). Valence of facial cues influences sheep learning in a visual discrimination task. *Frontiers in Veterinary Science*, 4, 188. doi:10.3389/fvets.2017.00188
- Bellegarde, L. G. A., Haskell, M. J., Duvaux-Ponter, C., Weiss, A., Boissy, A., & Erhard, H. W. (2017). Face-based perception of emotions in dairy goats. *Applied Animal Behaviour Science*, 193, 51–59. doi:10.1016/j.applanim.2017.03.014
- Ciardelli, L. E., Weiss, A., Powell, D., & Reiss, D. (2017). Personality dimensions of the captive California sea lion (*Zalophus californianus*). *Journal of Comparative Psychology*, 131, 50–58. doi:10.1007/BF01065872
- Gale, C. R., Čukić, I., Batty, G. D., McIntosh, A., Weiss, A., & Deary, I. J. (2017). When is higher neuroticism protective against death? findings from UK Biobank. *Psychological Science*, 28, 1345–1357. doi:10.1177/0956797617709813
- Koski, S. E., Buchanan-Smith, H. M., Ash, H., Burkart, J. M., Bugnyar, T., & Weiss, A. (2017). Common marmoset personality. *Journal of Comparative Psychology*, 13, 326–336. doi:10.1037/com0000089

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- Okely, J., Weiss, A., & Gale, C. R. (2017). The interaction between stress and positive affect in predicting mortality. *Journal of Psychosomatic Research*, *100*, 53–60. doi:10.1016/j.jpsychores.2017.07.005
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- Robinson, L. M., Altschul, D. M., Wallace, E. K., Úbeda, Y., Llorente, M., Machanda, Z., ... Weiss, A. (2017). Chimpanzees with positive welfare are happier, extraverted, and emotionally stable. *Applied Animal Behaviour Science*, *191*, 90–97. doi:10.1016/j.applanim.2017.02.008
- Weiss, A. (2017). A human model of primate personality. *Proceedings of the Royal Society B-Biological Sciences*, *284*, 20171129. doi:10.1098/rspb.2017.1129
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- Wilson, V. A. D., Weiss, A., Morimura, N., Idani, G., Matsuzawa, T., & Inoue-Murayama, M. (2017). Chimpanzee personality and the arginine vasopressin receptor 1a genotype. *Behavior Genetics*, *47*, 215–226. doi:10.1007/s10519-016-9822-2
- Chapman, B. P., Weiss, A., & Duberstein, P. R. (2016). Statistical learning theory for high dimensional prediction: Application to criterion-keyed scale development. *Psychological Methods*, *21*, 603–620. doi:10.1037/met0000088
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- Freeman, H., Weiss, A., & Ross, S. R. (2016). Atypical early histories predict lower extraversion in captive chimpanzees. *Developmental Psychobiology*, *58*, 519–527. doi:10.1002/dev.21395
- Garai, C., Weiss, A., Arnaud, C., & Furuichi, T. (2016). Personality in wild bonobos (*Pan paniscus*). *American Journal of Primatology*, *78*, 1178–1189. doi:10.1002/ajp.22573
- Gartner, M. C., Powell, D. M., & Weiss, A. (2016). A comparison of subjective well being and personality assessments in the clouded leopard (*Neofelis nebulosa*), snow leopard (*Panthera uncia*), and African lion (*Panthera leo*). *Journal of Applied Animal Welfare Science*, *19*, 294–302. doi:10.1080/10888705.2016.1141057
- Robinson, L. M., Morton, F. B., Gartner, M. C., Widness, J., Paukner, A., Essler, J. L., ... Weiss, A. (2016). Divergent personality structures of brown and white-faced capuchins. *Journal of Comparative Psychology*, *130*, 305–312. doi:10.1037/com0000037
- Robinson, L. M., Waran, N. K., Leach, M. C., Morton, F. B., Paukner, A., Lonsdorf, E., ... Weiss, A. (2016). Happiness is positive welfare in brown capuchins (*Sapajus apella*). *Applied Animal Behaviour Science*, *181*, 145–151. doi:10.1016/j.applanim.2016.05.029
- Staes, N., Weiss, A., Helsen, P., Korody, M., Eens, M., & Stevens, J. M. G. (2016). Bonobo personality traits are heritable and associated with vasopressin receptor gene 1a variation. *Scientific Reports*, *6*, 38193. doi:10.1038/srep38193

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- Eckardt, W., Steklis, H. D., Steklis, N. G., Fletcher, A. W., Stoinski, T. S., & Weiss, A. (2015). Personality dimensions and their behavioral correlates in wild Virunga mountain gorillas (*Gorilla beringei beringei*). *Journal of Comparative Psychology*, 129, 26–41. doi:10.1037/a0038370
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- Weiss, A., Staes, N., Stevens, J. M. G., Pereboom, J. J. M., Inoue-Murayama, M., & Eens, M. (2015). Personality in bonobos. *Psychological Science*, 26, 1430–1439. doi:10.1177/0956797615589933
- Costa, P. T., Jr., Weiss, A., Duberstein, P. R., Friedman, B., & Siegler, I. C. (2014). Personality facets and all-cause mortality among Medicare patients aged 66 to 102 years: A follow-on study of Weiss and Costa (2005). *Psychosomatic Medicine*, 76, 370–378. doi:10.1097/PSY.00000000000000070
- Čukić, I. & Weiss, A. (2014). Personality and diabetes mellitus incidence in a national sample. *Journal of Psychosomatic Research*, 77, 163–168. doi:10.1016/j.jpsychores.2014.07.004
- Gartner, M. C., Powell, D. M., & Weiss, A. (2014). Personality structure in the domestic cat (*Felis silvestris catus*), Scottish wildcat (*Felis silvestris grampia*), clouded leopard (*Neofelis nebulosa*), snow leopard (*Panthera uncia*), and African lion (*Panthera leo*): A comparative study. *Journal of Comparative Psychology*, 128, 414–426. doi:10.1037/a0037104
- Hagger-Johnson, G., Deary, I. J., Davies, C. A., Weiss, A., & Batty, G. D. (2014). Reaction time and mortality from the major causes of death: The NHANES-III study. *PLOS ONE*, 9, e82959. doi:10.1371/journal.pone.0082959
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- Gartner, M. & Weiss, A. (2013). Personality in felids: A review. *Applied Animal Behaviour Science*, *144*, 1–13. doi:10.1016/j.applanim.2012.11.010
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- Hopkins, W. D., Adams, M. J., & Weiss, A. (2013). Genetic and environmental contributions to the expression of handedness in chimpanzees (*Pan troglodytes*). *Genes Brain and Behavior*, *12*, 446–452. doi:10.1111/gbb.12044
- Morton, F. B., Lee, P. C., Buchanan-Smith, H. M., Brosnan, S. F., Thierry, B., Paukner, A., ... Weiss, A. (2013). Personality structure in brown capuchin monkeys (*Sapajus apella*): Comparisons with chimpanzees (*Pan troglodytes*), orangutans (*Pongo spp.*), and rhesus macaques (*Macaca mulatta*). *Journal of Comparative Psychology*, *127*, 282–298. doi:10.1037/a0031723
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- Weiss, A., King, J. E., & Perkins, L. (2006). Personality and subjective well-being in orangutans (*Pongo pygmaeus* and *Pongo abelii*). *Journal of Personality and Social Psychology*, 90, 501–511. doi:10.1037/0022-3514.90.3.501
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## Edited Books

Robinson, L. M. & Weiss, A. (in press). *Nonhuman primate welfare: From history, science and ethics to practice*. Cham, Switzerland: Springer.

Vonk, J., Weiss, A., & Kuczaj, S. (2017). *Personality in nonhuman animals*. Cham, Switzerland: Springer.

Inoue-Murayama, M., Kawamura, S., & Weiss, A. (2011). *From genes to animal behavior: Social structures, personalities, communication by color*. Tokyo: Springer.

Weiss, A., King, J. E., & Murray, L. (2011). *Personality and temperament in nonhuman primates*. New York: Springer.

## Contributed Chapters

Robinson, L. M. & Weiss, A. (in press). Personality and welfare. In L. M. Robinson & A. Weiss (Eds.), *Nonhuman primate welfare: From history, science, and ethics to practice*. Cham, Switzerland: Springer.

Weiss, A. & Deary, I. J. (2020). Personality and welfare. In P. J. Corr & G. Matthews (Eds.), *The cambridge handbook of personality psychology* (pp. 31–43). Cambridge: Cambridge University Press. doi:10.1017/9781108264822.005

Weiss, A. (2019). Personality in animals: What can we learn from a species-comparative approach? In O. P. John & R. W. Robins (Eds.), *Handbook of personality: Theory and research* (pp. 176–192). New York: Guilford Press.

Weiss, A. & Robinson, L. M. (2019). Subjective well-being and its relationship to personality in animals. In F. D. McMillan (Ed.), *Mental health and well-being of animals* (pp. 111–122). Wallingford, Oxfordshire, England: CABI.

Deary, I. J., Gale, C. R., Weiss, A., & Luciano, M. (2017). Personality, intelligence and genes. In M. Kivimäki, G. D. Batty, I. Kawachi, & A. Steptoe (Eds.), *The Routledge international handbook of psychosocial epidemiology* (pp. 170–187). London: Routledge.

Smith, C. G. & Weiss, A. (2017). Evolutionary aspects of personality development: Evidence from nonhuman animals. In J. Specht (Ed.), *Personality development across the lifespan* (pp. 139–156). Amsterdam: Academic Press.

Staes, N., Eens, M., Weiss, A., & Stevens, J. M. G. (2017). Bonobo personality: Age and sex effects and links with behavior and dominance. In B. Hare & S. Yamamoto (Eds.), *Bonobos: Unique in mind, brain, and behavior* (pp. 183–198). Oxford: Oxford University Press.

Weiss, A. (2017). Exploring factor space (and other adventures) with the Hominoid Personality Questionnaire. In J. Vonk, A. Weiss, & S. Kuczaj (Eds.), *Personality in nonhuman animals* (pp. 19–38). Cham, Switzerland: Springer.

Weiss, A. & Altschul, D. M. (2017). Methods and applications of animal personality research. In J. Call (Ed.), *Handbook of comparative psychology* (Vol. 1, pp. 179–200). Washington, D.C.: American Psychological Association.

Weiss, A. & Gartner, M. C. (2017). Animal personality. In T. A. Widiger (Ed.), *The Oxford handbook of the Five Factor Model* (pp. 281–300). New York: Oxford University Press. doi:10.1093/oxfordhb/9780199352487.013.24

- Weiss, A. & Luciano, M. (2015). The genetics and evolution of covitality. In M. Pluess (Ed.), *Genetics of psychological well-being: The role of heritability and genetics in positive psychology* (pp. 146–160). Oxford: Oxford University Press.
- Ferguson, E., Chamorro-Premuzic, T., Pickering, A., & Weiss, A. (2013). Five into one doesn't go: A critique of the general factor of personality. In T. Chamorro-Premuzic, S. von Stumm, & A. Furnham (Eds.), *The Wiley-Blackwell handbook of individual differences* (pp. 162–186). Chichester: Wiley-Blackwell.
- Weiss, A. & Adams, M. J. (2013). Differential behavioral ecology: The structure, life history, and evolution of primate personality. In C. Carere & D. Maestripieri (Eds.), *Animal personalities: Behavior, physiology, and evolution* (pp. 96–123). Chicago: University of Chicago Press.
- Inoue-Murayama, M., Weiss, A., Norimura, N., Tanaka, M., Yamagiwa, J., & Idani, G. (2011). Molecular behavioral research in great apes. In M. Inoue-Murayama, S. Kawamura, & A. Weiss (Eds.), *From genes to animal behavior: Social structures, personalities, communication by color* (pp. 239–253). Tokyo: Springer.
- King, J. E. & Weiss, A. (2011). Personality from the perspective of a primatologist. In A. Weiss, J. E. King, & L. Murray (Eds.), *Personality and temperament in nonhuman primates* (pp. 77–99). New York: Springer.
- Weiss, A. & Adams, M. J. (2010). Personality, temperament, and behavioral syndromes. In M. L. M. George F. Koob & R. F. Thompson (Eds.), *Encyclopedia of behavioral neuroscience* (pp. 47–53). Oxford: Elsevier.
- McCrae, R. R. & Weiss, A. (2007). Observer ratings of personality. In R. W. Robins, R. C. Fraley, & R. Krueger (Eds.), *Handbook of research methods in personality psychology* (pp. 259–272). New York: The Guilford Press.
- Weiss, A. & King, J. E. (2006). Pedigree analyses and the study of chimpanzee (*Pan troglodytes*) personality and subjective well-being. In B. C. Jones & P. Mormede (Eds.), *Neurobehavioral genetics: Methods and applications* (2nd, pp. 247–279). Boca Raton, FL: CRC press.
- Weiss, A. & King, J. E. (2006). Searching for genetic and environmental contributions to personality and happiness in chimpanzees (*Pan troglodytes*). In T. Canli (Ed.), *The biology of personality and individual differences* (pp. 407–426). New York: The Guilford Press.

## Activities at Conferences Since 2005

### Invited Presentations

- Weiss, A., Feldblum, J., Altschul, D. M., Foerster, S., Collins, D. A., Gilby, I. C., ... Pusey, A. E. (2019, September). *Personality variation in wild chimpanzees is maintained by its changing association with rank*. 12th International Symposium on Primatology and Wildlife Science, Inuyama, Japan.
- Weiss, A. (2015, July). *Fifty-eight items: A universal language to assess primate personality and happiness*. Invited speaker at the 4th International Symposium on Primatology and Wildlife Science, Kyoto, Japan.
- Weiss, A. (2015, August). *What can personality tell us about chimpanzees and vice versa?* Annual Meeting of the American Psychological Association, Toronto, Ontario, Canada.
- Weiss, A. (2014, August). Seminar presented at the National Evolutionary Synthesis Center, Durham, NC.

Weiss, A. (2014, August). Seminar presented at the Center for Cognitive Neuroscience, Duke University, Durham, NC.

Weiss, A., Konečná, M., Booth, T., & Murray, A. (2014, July). *Using data reduction to understand animal personality*. Invited keynote at the European Conference on Behavioral Biology (VII), Prague, Czech Republic.

Weiss, A. (2012, July). Seminar presented at the Wildlife Research Center of Kyoto University, Kyoto, Japan.

Weiss, A. (2012, September). *Animal personality and animal welfare*. Invited speaker at the Animal Welfare: Emotion, Cognition and Behaviour Conference, Edinburgh, United Kingdom.

Weiss, A. (2012, July). *Animal personality: Well-being, health, and two out of three rs*. Invited speaker at the Association for the Study of Animal Behavior Joint Meeting with the Society for Experimental Biology (SEB), and the National Centre for the 3Rs (NC3Rs), London, United Kingdom.

Weiss, A. (2011, November). *The personalities of nonhuman primates: All too human?* Invited plenary speaker at 18th Annual Blodbad (Bloodbath), Tovetorp Zoological Research Station, Björnlunda, Sweden.

Weiss, A. (2008, March). *Monkey do, rater see? Examining possible rater bias in primate personality research*. Invited guest speaker for the Behavior and Individuality in Primates and Other Mammals Meeting, Lisbon, Portugal.

Weiss, A. (2006, March). *Subjective well-being in zoo chimpanzees and orangutans*. Invited keynote address for the Spring meeting of the Primate Society of Great Britain, Stirling, United Kingdom.

Weiss, A. (2005, November). *Personality in chimpanzees and orangutans*. Invited talk at Support for African/Asian Great Apes, Osaka, Japan.

Weiss, A. (2005, November). *Personality structure and development in chimpanzees and orangutans*. Invited speaker at The HOPE International Seminar, Kyoto University Primate Research Institute, Inuyama, Japan.

## Symposia Organized

Staes, N. & Weiss, A. (2017, August). *Genetic approaches to primate behavior*. Meeting of the American Society of Primatologists, Washington, DC, United States of America.

Weiss, A. & Konečná, M. (2013, August). *A barrel of monkeys (and apes): New directions in non-human primate personality research*. Joint Meeting of the International Ethological Conference and the Association for the Study of Animal Behaviour, Newcastle, United Kingdom.

Weiss, A. & Inoue-Murayama, M. (2012, June). *Beyond the backcross: Animal models*. Meeting of the Behavior Genetics Association, Edinburgh, United Kingdom.

Weiss, A. & Inoue-Murayama, M. (2010, September). *Biological correlates of primate personality and temperament*. International Primatological Society Congress, Kyoto, Japan.

Weiss, A. & Uher, J. (2010, September). *How to study personality differences in primates*. International Primatological Society Congress, Kyoto, Japan.

Weiss, A. & Konečná, M. (2008, August). *How do we know primate personality is real and useful?* International Primatological Society Congress, Edinburgh, United Kingdom.

Weiss, A., Murray, L., & Gosling, S. D. (2005, August). *Primate personality: Past, present and progress?* Meeting of the American Society for Primatology, Portland, Oregon, USA.

## Presentations

Weiss, A., Feldblum, J., Foerster, S., Altschul, D. M., Wilson, M. L., Walker, K., ... Pusey, A. E. (2019, March). *Personality and rank in wild male chimpanzees*. International Convention on Psychological Science, Paris, France.

Wilson, M. L., Massaro, A., Gilby, I., Weiss, A., Feldblum, J., & Pusey, A. (2018, August). *Sex and violence: Is chimpanzee belligerence a byproduct of selection for mating competition?* International Primatological Society Congress, Nairobi, Kenya.

Weiss, A., Yokoyama, C., Kawasaki, A., Takeda, C., & Inoue-Murayama, M. (2017, August). *Candidate genes for personality in common marmosets, *Callithrix jacchus**. Meeting of the American Society of Primatologists, Washington, DC.

Weiss, A. (2016, May). *Personality and longevity in captive chimpanzees*. Annual Meeting of the Association for Psychological Science, Chicago, Illinois.

Weiss, A. (2015, June). *Personality research in chimpanzees and humans is a two way street*. Meeting of the Northeastern Evolutionary Psychology Society, Newcastle, United Kingdom.

Altschul, D. M., Sinn, D., & Weiss, A. (2014, September). *Personality and blood chemistry associations with cardiovascular health in chimpanzees (Pan troglodytes)*. Meeting of the American Society of Primatologists, Atlanta, GA, USA.

Weiss, A., Gartner, M. C., Morton, F. B., Cunningham, C., & Inoue-Murayama, M. (2014, September). *The personality, subjective well-being, and health of captive gibbons (family Hylobatidae)*. Meeting of the American Society of Primatologists, Atlanta, GA, USA.

Hopkins, W. D., Adams, M. J., & Weiss, A. (2013, April). *Heritability of handedness in chimpanzees*. Spring Meeting of the Primate Society of Great Britain, Lincoln, United Kingdom.

Weiss, A. (2013, August). *Personality in the chimpanzees of Gombe National Park*. Joint Meeting of the International Ethological Conference and the Association for the Study of Animal Behaviour, Newcastle, United Kingdom.

Weiss, A. & King, J. E. (2013, November). *A tale of three apes: Personality development in humans, chimpanzees, and orangutans*. Royal Dutch Zoological Society Conference, Groningen, The Netherlands.

Adams, M. J., King, J. E., & Weiss, A. (2012, June). *The majority the genetic variance in orang-utan personality and subjective well-being is nonadditive*. Meeting of the Behavior Genetics Association, Edinburgh, United Kingdom.

Bates, T. C., Lewis, G., & Weiss, A. (2012, June). *Childhood socioeconomic status magnifies genetic individual differences in adult cognition*. Meeting of the Behavior Genetics Association, Edinburgh, United Kingdom.

Čukić, I. & Weiss, A. (2012, March). *Personality and type 2 diabetes in the National Health and Nutrition Examination Survey*. American Psychosomatic Society Annual Meeting, Athens, Greece.

Staes, N., Stevens, J. M. G., Weiss, A., & Eens, M. (2012, June). *Oxytocin and vasopressin receptor gene polymorphisms and personality in bonobos (Pan paniscus)*. Meeting of the Behavior Genetics Association, Edinburgh, United Kingdom.

- Weiss, A., Gale, C. R., Batty, G. D., & Deary, I. J. (2012, March). *A hypothesis-free approach to studying personality-mortality associations in the Vietnam Experience Study cohort*. American Psychosomatic Society Annual Meeting, Athens, Greece.
- Adams, M. J., Penke, L., & Weiss, A. (2011, June). *Natural selection on personality has a genetic basis*. Conference of the Human Behavior and Evolution Society, Montpellier, France.
- Weiss, A. & Adams, M. J. (2011, July). *Of monkeys and men: Do the personalities of raters influence ratings of rhesus macaques?* International Society for the Study of Individual Differences Meeting, London, United Kingdom.
- Inoue-Murayama, M., Weiss, A., Kato, K., Morimura, N., Tanaka, M., Yamagiwa, J., & Idani, G. (2010, September). *Molecular behavioral research in great apes*. International Primatological Society Congress, Kyoto, Japan.
- Weiss, A. (2010, April). *Melding epidemiology and differential primatology research: Personality, subjective well-being, and longevity in orangutans*. Meeting of the British Society for the Psychology of Individual Differences, Edinburgh, United Kingdom.
- Weiss, A. & Inoue-Murayama, M. (2010, September). *Using M- and G-type factor analyses to better understand personality*. International Primatological Society Congress, Kyoto, Japan.
- Weiss, A., Inoue-Murayama, M., King, J. E., Adams, M. J., & Matsuzawa, T. (2009, December). *Ratings of zoo chimpanzees (Pan troglodytes) and orangutans (Pongo pygmaeus and Pongo abelii) are not anthropomorphic projections*. Joint Meeting of the Primate Society of Great Britain and the Association for the Study of Animal Behaviour, London, United Kingdom.
- Weiss, A., Sutin, A. R., Duberstein, P. R., Friedman, B., Bagby, R. M., & Costa, P. T., Jr. (2009, July). *The personality domains and styles of the Five-Factor Model are related to incident depression in medicare recipients aged 65 to 100*. International Association of Gerontology and Geriatrics World Congress, Paris, France.
- Adams, M. J. & Weiss, A. (2008, August). *Personality and subjective well-being in rhesus macaques (Macaca mulatta)*. International Primatological Society Congress, Edinburgh, United Kingdom.
- Coillie, S. V., Pereboom, J. J. M., & Weiss, A. (2008, August). *Personality and subjective well-being in bonobos*. International Primatological Society Congress, Edinburgh, United Kingdom.
- Konečná, M., Weiss, A., & Lhota, S. (2008, August). *Relationship between questionnaire ratings and recorded behaviour in personality study of Hanuman langur males*. International Primatological Society Congress, Edinburgh, United Kingdom.
- Weiss, A. (2008, August). *Is orangutan personality structure a product of the animals or the raters?* International Primatological Society Congress, Edinburgh, United Kingdom.
- Weiss, A., Gale, C. R., Batty, G. D., & Deary, I. J. (2008, December). *Next steps in charting the influence of intelligence on health: Intelligence, neuroticism, and mortality in Vietnam-era veterans*. International Society for Intelligence Research, Atlanta, GA, USA.
- Weiss, A., Chan, V. L. W., & MacDonald, C. (2007, March). *Personality correlates of well-being and stress-related behaviors in chimpanzees (Pan troglodytes)*. The Mind of the Chimpanzee, Chicago, IL, USA.
- Weiss, A., Honjyo, M., Hong, K.-W., Udono, S., Ochiai, T., Matsuzawa, T., . . . Inoue-Murayama, M. (2007, July). *Comparing two methods of assessing the personality of Japanese chimpanzees*. Meeting of the Primate Society of Japan, Hikone, Japan.

Weiss, A., Bates, T. C., & Luciano, M. (2006, June). *Heritability of subjective well-being in a representative sample*. Meeting of the Behavior Genetics Association, Storrs, CT, USA.

Weiss, A., King, J. E., & Perkins, L. (2006, March). *Personality and subjective well-being in and orangutans (Pongo pygmaeus and Pongo abelii)*. Meeting of the American Association of Physical Anthropologists, Anchorage, AK, USA.

Weiss, A., King, J. E., & Hopkins, W. D. (2005, August). *The generalizability of chimpanzee (Pan troglodytes) personality across two habitats: Zoological parks and Yerkes National Primate Research Center*. Meeting of the American Primatological Society, Portland, OR, USA.

Weiss, A., King, J. E., Perkins, L., & Blanke, M. K. (2003, July). *The personality of orangutans (Pongo pygmaeus and Pongo abelii)*. Meeting of the International Society for the Study of Individual Differences, Graz, Austria.

## Invited Seminars

2020	Graduate School of Education, Kyoto University, Kyoto, Japan
2019	Wolf Science Center, Domestication Lab, Konrad Lorenz Institute of Ethology, University of Veterinary Medicine Vienna, Vienna, Austria
2017	Department of Animal and Aquacultural Sciences, Norwegian University of Life Sciences, Ås, Norway German Primate Center, Göttingen, Germany Institute of Biology, University of Leiden, Leiden, The Netherlands
2016	U3A Science Group, Edinburgh, United Kingdom Department of Psychology, Northwestern University, Evanston, IL The Lincoln Park Zoo, Chicago, IL
2015	RIKEN Institute, Kobe, Japan Wildlife Research Center of Kyoto University, Kyoto, Japan
2014	National Evolutionary Synthesis Center, Durham, NC Center for Cognitive Neuroscience, Duke University
2012	Wildlife Research Center of Kyoto University Center for International Collaboration and Advanced Studies in Primatology, Kyoto University Primate Research Institute Graduate School of Human Sciences, Osaka University
2009	Department of Psychology, Cambridge University
2008	Institute for Evolutionary Biology, The University of Edinburgh Department of Psychology, University of Lincoln Department of Psychology, University of Leicester
2007	Faculty of Applied Biological Sciences, Gifu University Kyoto University Primate Research Institute Department of Psychology, Tokyo University Department of Psychology, University of Portsmouth

2005                      Department of Psychology, University of Stirling  
Department of Psychology, Glasgow Caledonian University

## **Grants**

2019                      Kyoto University Visiting Professorship (£49,000)

2013                      National Evolutionary Synthesis Center Sabbatical Scholarship  
(£25,000.00)

2012                      Great Britain Sasakawa Foundation Small Grant (£650.00)

                              University of Edinburgh School of Philosophy, Psychology and Language  
Sciences Pilot Project Award (£2822.00)

2009                      Carnegie Trust of the Universities of Scotland Small Grant (£2500.00)

2007                      Daiwa Anglo-Japanese Foundation Small Grant (£1000.00)

                              The University of Edinburgh Development Trust Small Project Award  
(£1300.00)

                              The British Academy Overseas Conference Grant (£700.00)

## **Teaching**

### **Undergraduate**

Inferential statistics laboratory  
Primate behavior  
Research methods laboratory  
Invertebrate psychology laboratory  
Year 1 Animal learning  
Year 2 Differential psychology  
Year 2 Abnormal behavior  
Year 3 Multiple regression and the general linear model  
Year 3 Scale construction and factor analysis  
Year 3 Group project  
Year 4 Basic tendencies of personality

### **Postgraduate**

Statistics laboratory  
Strong inference and the method of multiple working hypotheses  
The linear model as a data analytic tool  
Intraclass correlations  
Multitrait-multimethod analysis  
Univariate statistics using R  
Multivariate statistics using R  
Seminar in Personality



## Supervision

### Postdoctoral fellows

2008–2010                      Ulrika Alm Bergvall, PhD

### Doctoral students

#### Primary supervisor

2018–present                  Jolène van der Mescht  
2015–2020                      Conor Smith  
2013–2017                      Drew M. Altschul  
2013–2017                      Lucille Bellegarde  
2013–2017                      Lauren M. Robinson  
2012–2016                      Vanessa A. D. Wilson  
2011–2015                      Iva Čukić  
2009–2013                      Marieke C. Gartner  
2008–2012                      Mark J. Adams

#### Secondary supervisor

2017–present                  Qian (Yvonne) Ma  
2015–present                  Linnea Lyckberg  
2015–2018                      Roxanne Hawkins  
2015–2017                      Judith Okely  
2011–2015                      Caimei Liu  
2008–2011                      Gary Lewis

### MSc students

19 in Psychology, The University of Edinburgh  
1 in Applied Animal Behaviour and Welfare, Scotland's Rural College  
1 in Biology, Leiden University, The Netherlands

## Service

### University of Edinburgh

2016–2019                      Postgraduate Advisor in Psychology  
2012–2014                      College Recruitment and Admissions Strategy Committee  
2008–2016                      Director of the MSc in the Psychology of Individual Differences  
2008–2013                      Edinburgh Compute and Data Facility Oversight by Researchers Group  
2008–2019                      School and Department Postgraduate Committee  
2008–2012                      Computing committee  
2008–2012                      Colloquium Committee  
2008–2009                      Research Day Committee  
2007–2012                      Health and Safety Committee  
2006–2008                      Staff-Student Liaison Committee

## Other organizations

2018–present	Great Ape Welfare Group
2012–present	Living Links to Human Evolution and Budungo Research Centre Consortium Board
2007–2008	Judge for Primate Society of Great Britain’s 2008 Napier Medal for Best Primatology PhD competition

## Journals

### Editorial boards

2021–	Journal of Methods and Measurement in the Social Sciences (Editorial Board)
2013–	Journal of Comparative Psychology (Consulting Editor)
2015–2020	Psychology and Aging (Consulting Editor)
2015–2018	Animal Behaviour (Associate Editor)
2013–2018	Applied Animal Behavioural Sciences (Editorial Advisory Board)
2012–2015	Journal of Behavioral Medicine (Editorial Board)
2010–2014	Frontiers in Personality Science and Individual Differences (Consulting Editor)
2009–2015	Journal of Personality and Social Psychology (Consulting Editor)

### Ad hoc peer review

American Journal of Primatology	Journals of Gerontology: Psychological Sciences
Animal Behaviour	Journal of Experimental Psychology: General
Annals of Epidemiology	Journal of Health, Nutrition, and Aging
Behavior Genetics	Journal of Health Psychology
Behavioral Ecology and Sociobiology	Journal of Personality
Behavioral Medicine	Journal of Personality and Social Psychology
Behavioural Processes	Journal of Psychosomatic Research
Biological Reviews	Journal of Research in Personality
Biological Psychiatry	Nature Communications
Biology Letters	New England Journal of Medicine
Brain, Behavior, and Immunity	PeerJ
British Journal of Health Psychology	Philosophical Transactions of the Royal Society B – Biological Sciences
British Journal of Psychology	PLOS Computational Biology
Cognitive, Affective, and Behavioral Neuroscience	PLOS ONE
Current Biology	Primates
Developmental Psychology	Proceedings of the Royal Society B – Biological Sciences
Drug and Alcohol Dependence	Psychology and Aging
Ethology	Psychological Medicine
European Journal of Personality	Psychological Science
Genes, Brain, and Behavior	Psychosomatic Medicine
Health Psychology	Royal Society Open Science
International Journal of Primatology	Social Science and Medicine
Journal of the American Geriatrics Society	Translational Psychiatry
Journal of Affective Disorders	
Journal of Applied Animal Welfare Science	

## **Funding bodies**

### **Ad hoc grant review**

National Science Centre (Poland)

The Royal Society

Vienna Science and Technology Fund

Swiss National Science Foundation

The Leakey Foundation

Economic and Social Research Council UK