Richard Klein

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Positions

Postdoctoral Researcher   2019 - Present
Tilburg University, Department of Methodology and Statistics, Tilburg, the Netherlands

- Metascience research about bias in the publication process and reproducibility of results. Undergraduate statistics teaching.

Postdoctoral Researcher   2018 - 2019
Université Grenoble Alpes, LIP/PC2S, Grenoble, France

- Social psychology research with an emphasis on methods and data science.

Education

Ph.D. in Psychology   2017
University of Florida, Gainesville, FL

M.S. in Psychology   2014
University of Florida, Gainesville, FL

BS in Psychology, BS in Finance   2011
Pennsylvania State University, University Park, PA

Peer Reviewed Publications

(* indicates undergraduate author)

Moshontz, H., Ebersole, C. R., Weston, S. J., & **Klein, R. A.** (in press). A Guide for Many Authors: Writing Manuscripts in Large Collaborations. *Social and Personality Psychology Compass*. https://doi.org/10.31234/osf.io/92xhd

Sarda, E., Dujols, O., **Klein, R. A.**, & IJzerman, H. (in press). Validation of the ISP131001 Sensor for Mobile Peripheral Body Temperature Measurement. *International Review of Social Psychology*. https://doi.org/10.31234/osf.io/ewcpt

Vergara, R. C., Hernández, C., Jaume-Guazzini, F., Lindenberg, S., **Klein, R. A.**, & IJzerman, H. (2019). Development and Validation of the Social Thermoregulation and Risk Avoidance Questionnaire (STRAQ-1). *International Review of Social Psychology, 32*(1), 18. http://doi.org/10.5334/irsp.222

Conway, M. A., O'Shea, B., Redford, L., Pogge, G., **Klein, R. A.**, & Ratliff, K. A. (2019). Can Carelessness Be Captured? Assessing Careless Responding in Attitudes Toward Novel Stimuli. *Social Cognition, 37*(5), 468-498. https://doi.org/10.1521/soco.2019.37.5.468

Klein, R. A., Vianello, M., Hasselman, F., Adams, B. G., Adams, R. B., Alper, S., . . . Nosek, B. A. (2018). Many Labs 2: Investigating variation in replicability across samples and settings. *Advances in Methods and Practices in Psychological Science, 1*(4), 443–490. https://doi.org/10.1177/2515245918810225

- Research covered by Nature, The Atlantic, and others.

Bastart, J., **Klein, R. A.**, IJzerman, H., (2018). Replication initiatives in psychology. *Oxford Bibliographies in Psychology*. https://doi.org/10.1093/OBO/9780199828340-0212

Milfont, T. L., **Klein, R. A.** (2018). Replication and reproducibility in cross-cultural psychology. *Journal of Cross-Cultural Psychology, 49*(5), 735-750. https://doi.org/10.1177/0022022117744892

Ebersole, C. R., Atherton, O. E., Belanger, A. L., Skulborstad, H. M., Allen, J. M., . . . **Klein, R. A.**, . . . Nosek, B. A. (2016). Many Labs 3: Evaluating participant pool quality across the academic semester via replication. *Journal of Experimental Social Psychology*. https://doi.org/10.1016/j.jesp.2015.10.012

Lai, C. K., Skinner, A. L., Cooley, E., Murrar, S., Brauer, M., . . . **Klein, R. A.**, . . . Nosek, B. A. (2016). Reducing implicit racial preferences: II. Intervention effectiveness across time. *Journal of Experimental Psychology: General, 145*, 1001-1016. https://doi.org/10.1037/xge0000179

Klein, R. A., Ratliff, K. A., Vianello, M., Adams, R. B., Jr., Bahník, S., Bernstein, M. J., Bocian, K., . . . Nosek, B. A. (2014). Data from investigating variation in replicability: A "many labs" replication project. *Journal of Open Psychology Data, 2*(1): e4. http://dx.doi.org/10.5334/jopd.ad

Klein, R. A., Ratliff, K. A., Vianello, M., Adams, R. B., Jr., Bahník, S., Bernstein, M. J., Bocian, K., . . . Nosek, B. A. (2014). Theory building through replication: Response to commentaries on the "many labs" replication project. *Social Psychology, 45*(4): 307-310. https://doi.org/10.1027/1864-9335/a000202

Klein, R. A., Ratliff, K. A., Vianello, M., Adams, R. B., Jr., Bahník, S., Bernstein, M. J., Bocian, K., . . . Nosek, B. A. (2014). Investigating variation in replicability: A "many labs" replication project. *Social Psychology, 45*(3): 142-152. https://doi.org/10.1027/1864-9335/a000178

- Research covered by Nature, Science magazine, National Geographic, and others.

Organized Conferences, Symposia, and Workshops

Klein, R. A., Balzarini, R., IJzerman, H., Sarda, E., Kaufman, M. (2019). EASP Technology and Relationships Conference and Facebook+AdopteUnMec Hackathon. Annecy, France.
https://web.archive.org/web/20190916124841/https://techandrelationships.org/

Klein, R. A. (2019). Open Science Toolbox: Leveraging Methodological Reforms to Accelerate Research. Symposium organized for the International Convention of Psychological Science, Paris, France.
Speakers: **Richard Klein**, Ben Jones, Lisa DeBruine, Niamh Stack. https://osf.io/tve2q/

IJzerman, H. I., Ric, F., **Klein, R. A.** (2018). RKTS Solid Science Training Workshop in Bordeaux, France. Speakers: Michèle Nuijten, Fieke Wagemans, Marco Perugini, **Richard Klein**, Kai Jonas, Frederik Aust, Benedict Jones. https://osf.io/gvkxn/

Klein, R. A. (2014). Reproducibility in Psychology: Understanding and Improving Your Odds. Symposium organized for the annual meeting of the Society of Southeastern Social Psychologists, Athens, GA. Speakers: Gregory Webster, **Richard Klein**, Chris Martin.

Talks

Klein, R. A. (2020). Many Labs 4: Conducting replications of mortality salience with and without original author involvement. Talk presented at the Society for Personality and Social Psychology annual conference, New Orleans, Louisiana, USA. https://osf.io/bgh48/

Klein, R. A. (2019). An Overview of Workflow Management: Using the Open Science Framework. Workshop presented as part of the Open Science Workshop, Grenoble, France. https://osf.io/nxem8/

Klein, R. A. (2019). Welcome to the era of big psychology. Invited workshop presented as part of the Machine Learning: Applications to Clinical and Psychological Research Workshop, Rovereto, Italy. https://github.com/raklein/presentation-rep-machine-learning-rovereto

Klein, R. A. (2019). Many Labs 2: Investigating variation in replicability across sample and setting. Talk presented at the International Convention of Psychological Science, Paris, France. https://github.com/raklein/presentation-icps2019-ml2

Klein, R. A. (2019). Walking through Many Labs 4 to show how R can make complex analyses easier. Workshop recorded for Pacific Lutheran University, Tacoma, Washington, USA.

Klein, R. A. (2019). Many Labs 2: Investigating replicability across samples and settings. Talk presented at the Society for Personality and Social Psychology annual conference, Portland, Oregon, USA. https://github.com/raklein/presentation-spsp2019-ml2

Klein, R. A. (2018). Many Labs 2: Investigating variation in replicability across samples and settings. Talk presented at the Integrity and Sharing of Science: Research Data seminar, Grenoble, France. https://github.com/raklein/presentation-datadoct2018-ml2

Klein, R. A. (2018). Introduction to concepts in deep learning and cross-validation. Workshop session presented at the RKTS Solid Science Training Workshop in Bordeaux, France. https://osf.io/ya2n8/

Klein, R. A. (2018). Many Labs 2: Investigating variation in replicability across samples and settings. Talk presented at the 20th ESCON Transfer of Knowledge Conference, Cologne, Germany. https://osf.io/vznpj/

Klein, R. A. (2015). Replication in psychology: How sensitive are our findings? Invited talk presented at the Victoria University of Wellington Psychology Colloquium Series, Wellington, New Zealand. https://osf.io/m8u9b/

Klein, R. A. (2015). Many Labs 2: Investigating variation in replicability across samples and settings. Invited talk presented at the 95th Annual Convention of the Western Psychological Association, Las Vegas, NV. https://osf.io/43h9x/

Klein, R. A. (2014). Crowdsourcing research to increase reproducibility, generalizability, and accuracy. Talk presented at the annual meeting of the Society of Southeastern Social Psychologists, Athens, GA. https://osf.io/qtr7a/

Discussion Panels

Baranski, E., Weston, S. (2019). Lifespan pre-conference open science discussion. Discussion panel presented at the Lifespan Preconference of the Society for Personality and Social Psychology annual conference, Portland, Oregon, USA.
Panelists: Charles Ebersole, **Richard Klein**, Jessie Sun, Cassie Brandes, Alex Danvers, Ted Schwaba

Grahe, J., (2015). Emerging adulthood measured at multiple institutions: A new model to study emerging adulthood. Discussion panel presented at the Society for the Study of Emerging Adulthood 7th Biennial Conference, Miami, FL.
Panelists: **Richard Klein**, Tanya Sharon, Scott Hall

Klein, R. A. (2015). Networking: Online and in-person. Talk and panel discussion presented at the Psychology Graduate Student Organization Professional Development Seminar, Gainesville, FL.

Poster Presentations

Klein, R. A. (2017). *"Many labs" and communication in replication*. Poster presented at the Eighteenth Annual Meeting of the Society for Personality and Social Psychology, San Antonio, TX.

Bland, D.*, Grahe, J., **Klein, R. A.** (2015). *Disgust sensitivity and judgements of intentions as part of the Many Labs 2 project*. Poster presented at the 95th Annual Convention of the Western Psychological Association, Las Vegas, NV.

Coddington, K.*, Gervais, H.*, Grahe, J., **Klein, R. A.** (2015). *Replication examining moral typecasting effects as part of the Many Labs 2 project*. Poster presented at the 95th Annual Convention of the Western Psychological Association, Las Vegas, NV.

Grisham, E.*, Musselman, D.*, Barnette, T.*, Powers, M.*, Gonzalez, G.*, ... **Klein, R. A.**, ... Redford, L. (2015). *Implicit preference for White people over Black people decreases with repeated Implicit Association Tests (IATs)*. Poster presented at the Undergraduate Research Forum, University of Florida Psychology Department, Gainesville, FL

Klein, R. A., Vianello, M., & Ratliff, K. A. (2015). *Attention checking the "Many Labs" participants: Did participant attention moderate the included effects?*. Poster presented at the Sixteenth Annual Meeting of the Society for Personality and Social Psychology, Long Beach, CA.

Klein, R. A., & Ratliff, K. A. (2014). *Context effects in implicit and explicit evaluation*. Poster presented at the Fifteenth Annual Meeting of the Society for Personality and Social Psychology, Austin, TX.

Collisson, B. & **Klein, R. A.** (2012). *Personality correlates of social inference*. Poster presented at the Meeting of the Society of Southeastern Social Psychologists, Gainesville, FL.

Research Experience

Postdoctoral Researcher   2019 - Present
Metascience Group, Tilburg University

- PIs: Dr. Jelte Wicherts, Dr. Marjan Bakker
- Conducted research on bias in peer review and multiverse analysis.

Postdoctoral Researcher   2018 - 2019
Coregulation Lab, Université Grenoble Alpes

- PI: Dr. Hans IJzerman
- Established lab workflow for reproducibility
- Designed, conducted, and published research

Research Coordinator   2015 - 2017
Project Implicit, implicit.harvard.edu

- Tested and deployed studies to production for researchers and customers.
- Monitored running studies site-wide to ensure smooth operation.
- 90,000+ visitors per month.

Researcher   2012 - 2017
Attitudes and Social Cognition Lab, University of Florida

- PI: Dr. Kate Ratliff
- Designed, conducted, and published research

Undergraduate Research Assistant   2011 - 2012
Social Vision and Interpersonal Perception Lab, Penn State

- PI: Dr. Reginald Adams

Teaching Experience

Instructor
Université Grenoble Alpes

- Introduction à la Recherche et Analyse des Données   Spring 2019
  - Upper level undergraduate research methods course.

Instructor
University of Florida

- PSY2012 - Introduction to Psychology (x2)   Fall 2014, Summer 2015
    - Overall evaluation: 4.42/5

Teaching Assistant
University of Florida

- PSY4625 – Psychology of Pseudoscience   Spring 2017
- SOP4214C – Research Methods in Social Psychology   Fall 2016
- PSY4930 – Psychology of Public Policy   Summer 2014
- SOP3004 – Introduction to Social Psychology (x3)   Fall 2013, Spring 2014, Spring 2015

Teaching Assistant
Pennsylvania State University

- PSYCH105 – Psychology as a Science and Profession   Spring 2012
- PSYCH261 – Introduction to the Psychology of Learning   Spring 2012
- PSYCH243 – Introduction To Well-Being And Positive Psychology (x2)   Fall 2011, Spring 2012
- PSYCH100 – Introductory Psychology (x4)   Fall 2011

Supervised Undergraduate Theses

- Donovan Ellis, University of Florida, awarded Highest Distinction   2015

Awards, Honors, Service

- Peer-reviewed for:
    - *Advances in Methods and Practices in Psychological Science*
    - *American Journal of Political Science*
    - *Collabra: Psychology*
    - *eLife*
    - *Frontiers in Psychology, Review Editor*   2017 - 2018
    - *Journal of Social Psychology*
    - *PLOS ONE*
    - *Social Cognition*
    - *Social Psychological and Personality Science*
    - *Templeton World Charity Foundation*
    - *The Spanish Journal of Psychology*
    - *The European Association of Social Psychology*
    - *Perspectives on Psychological Science*
    - *Psychological Science*
- Commendation from the Society for the Improvement of Psychological Science   2020
- Served on SPSP Task Force implementing Transparency and Openness Promotion guidelines 2020
- Gerber Social Psychology Outstanding Research Award ($1,000)   2016
- Incubator Grant, Center for Open Science ($13,500)   2015
- Travel Award, UF Department of Psychology ($500)   2015
- Travel Award, UF College of Liberal Arts and Sciences ($300)   2015
- Travel Award, Society for Personality and Social Psychology ($500)   2015
- Advisory Board Member, CREP Project   2014 – 2016
- Graduate School Fellowship, University of Florida ($80,000)   2012 – 2016
- Dean's List, Pennsylvania State University   2007 – 2011

Relevant Skills

- **Statistical programs**: R + R Studio, SPSS, JASP

- **Statistical techniques**: Linear/logistic/multiple regression, correlation, ANOVA, linear mixed models, factor analysis, meta-analysis, machine learning/deep learning (working knowledge), social network analysis (working knowledge)
- **Other tools**: Open Science Framework, MS Excel/Word/PowerPoint, Google Sheets/Docs/Forms, Qualtrics Survey Software, Git/GitHub
- **Languages**: English (native), French (intermediate)